

# Project report

Date: Mon Dec 18 2023 10:41:06  
Build with: Z+FLaserControl 9.0.2.24038  
Project: Muzeul de istorie Neamt  
Master scan position: 1

227 of 227 scan positions used for registration.

## Quality standard deviation of the cloud to cloud registration

d:2.80 mm

## Superior matrix

1.000000	0.000000	0.000000	0.0000 m
0.000000	1.000000	0.000000	0.0000 m
0.000000	0.000000	1.000000	0.0000 m
0.000000	0.000000	0.000000	1.0000

# Scan position '1'

Scan position is member of group(s):  
Status registration '[23h] preregistered'  
Registration matrix:

0.018326	0.999832	0.000000	0.0000 m
-0.999832	0.018326	0.000000	0.0000 m
0.000000	0.000000	1.000000	0.0000 m
0.000000	0.000000	0.000000	1.0000

## Scan 'Muz.Ist.Neamt Sc.1'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: c:\1_RCServer 9.0.3\memorize 1 -file "Muz.Ist.Neamt Sc.1" -scanspos "1" -path "Muzeu de istorie Neamt" -project "Muzeu de istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "cam" -panoramaparams fast-resolution h -quality default -ffrom "0" -to "181" -infrom1 "20" -to1 "340"
Sensor
sensors: 3100 ' barometer translation rotation gps'
Barometer: 0.964577 bar 413.318 m
nav translation: 0.0000 m 0.0000 m 412.5653 m accuracies: 5.1000 m 5.1000 m 0.0001 m
nav rotation: 0.0000 0.0000 88.9500 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.928104 long:26.369053 satellites:4 height:350.8m hdop:3.9 vdop:3.3m hacc:13.0m vacc:13.0 flags:G3 'stand alone 3D solution'
north:5197367.855 m east:451967.639 m zone:35T
Initial pre position (3:outdoor)
0.018 1.000 0.000 0.000
-1.000 0.018 0.000 0.000
0.000 0.000 1.000 0.000
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '10'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

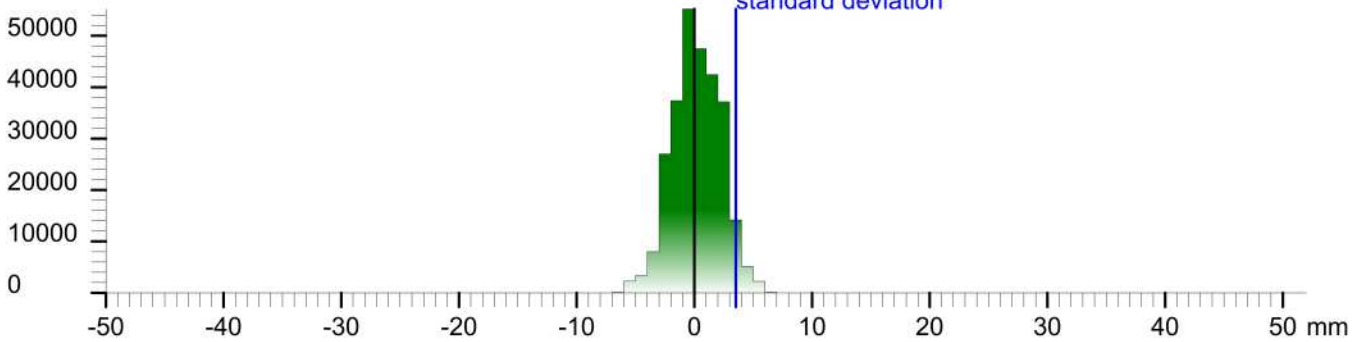
Registration matrix:

```
-0.723062 0.690782 0.001523 44.7865 m  
-0.690783 -0.723061 -0.001409 -10.9053 m  
0.000127 -0.002071 0.999998 0.4321 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.5 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.10'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "ZFCamera 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.10" -scansize "10" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projedTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -ffrom "0" -to "181" -fitfrom1 "20" -fit1 "340"  
Sensor  
sensors: 3100 " barometer translation rotation gps"  
Barometer: 0.963824 bar 419.841 m  
nav translation: -5.9764 m -13.1649 m 418.9036 m accuracies: 12.3991 m 12.3991 m 0.0001 m  
nav rotation: 0.0000 0.0000 130.4725 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:46.927986 long:26.369680 satellites:3 height:347.5m hdop:8.9 vdop:1.0m haacc:5.4m vacc:13.0 flags:G2'stand alone 2D solution'  
north:5197354.330 m east:452015.305 m zone:35T  
Initial pre position (3:outdoor)  
-0.649 0.761 0.000 69.668  
-0.761 -0.649 0.000 -18.051  
0.000 0.000 1.000 6.458  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



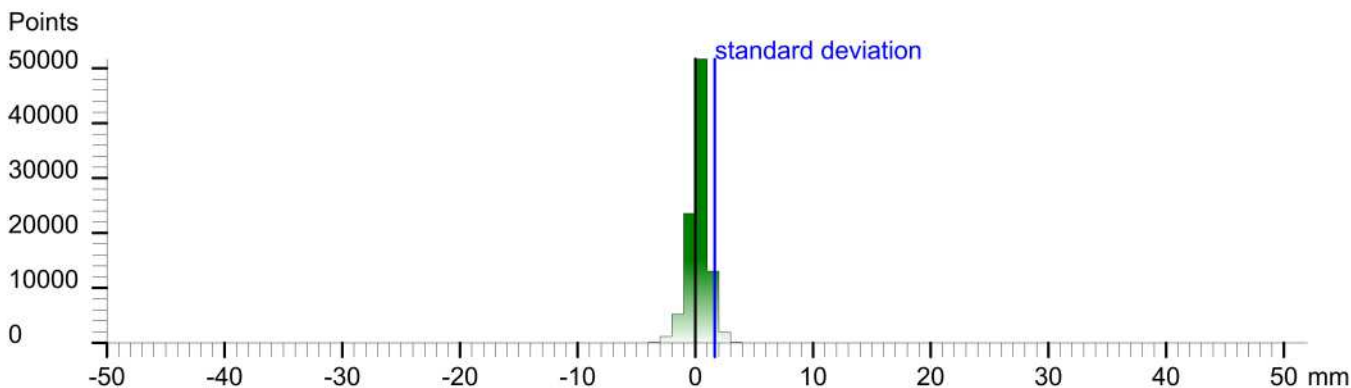
# Scan position '100'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.998871	-0.047505	0.000337	23.7796 m
0.047505	0.998872	-0.000337	-22.5367 m
-0.000320	0.000352	1.000000	7.7062 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.7 mm

## Deviation histogram



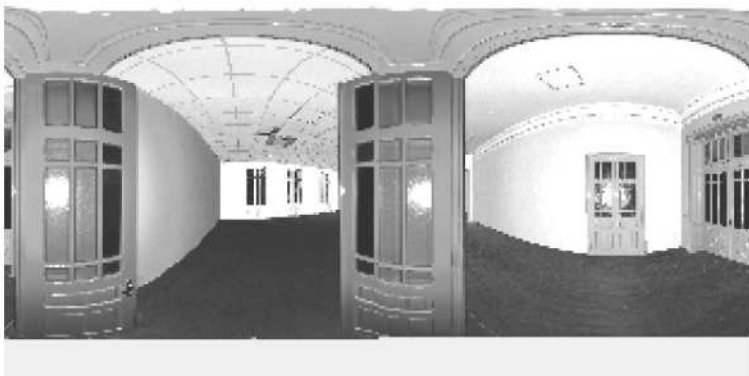
## Scan 'Muz.Ist.Neamt Sc.100'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.100" -scanpos "100" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams focal-resolution h -quality default -shom "0" -hs "181" -ibrom1 "20" -hs1 "340"
Sensor
sensors: 3096 " barometer translation rotation"
Barometer: 0.962762 bar 429.057 m
nav translation: 2.6310 m 12.6647 m 429.7667 m accuracies: 11.6548 m 11.6548 m 0.0001 m
nav rotation: 0.0000 0.0000 354.4672 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.995 -0.096 0.000 93.411
0.096 0.995 0.000 -52.982
0.000 0.000 1.000 17.321
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



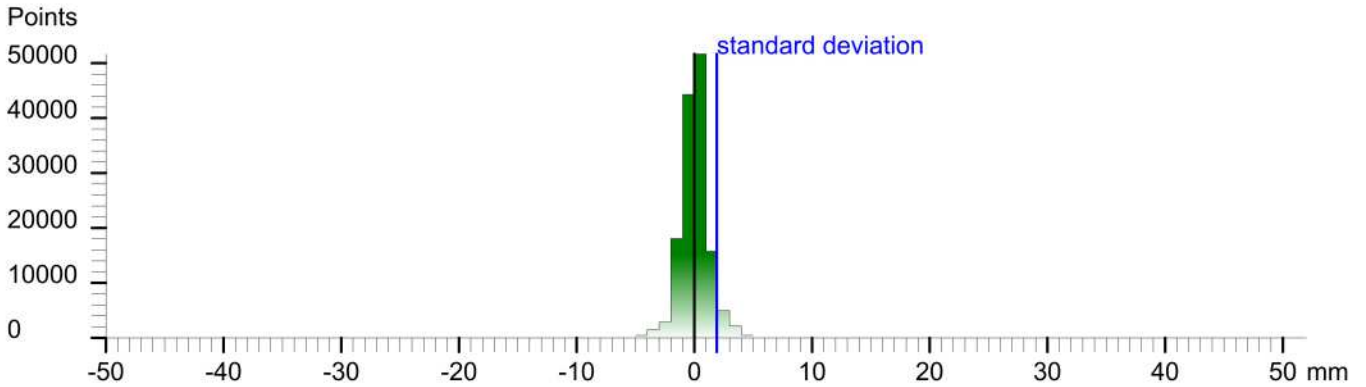
# Scan position '101'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.932084	-0.362243	0.000361	27.9889 m
0.362244	0.932084	0.000080	-24.5922 m
-0.000365	0.000056	1.000000	7.7274 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.9 mm

## Deviation histogram



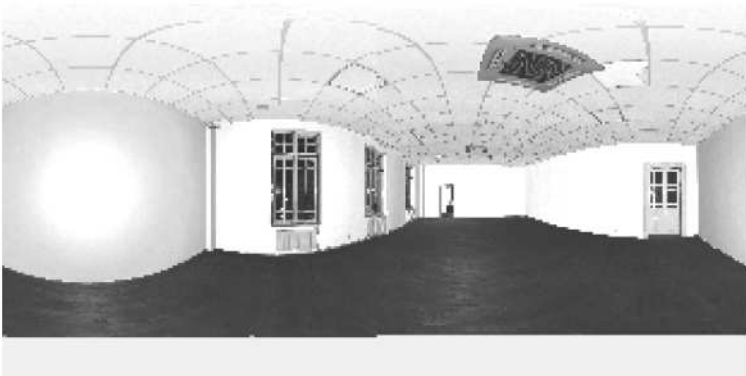
## Scan 'Muz.Ist.Neamt Sc.101'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "ZRCSensor 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.101" -scanpos "101" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -shom "0" -hs "181" -shom1 "20" -hs1 "240"
Sensor
sensors: 3096 "barometer translation rotation"
Barometer: 0.962949 bar 427.434 m
nav translation: 2.7866 m 2.9010 m 427.8072 m accuracies: 7.1402 m 7.1402 m 0.0001 m
nav rotation: 0.0000 0.0000 326.5294 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.834 -0.552 0.000 96.197
0.552 0.834 0.000 -50.081
0.000 0.000 1.000 15.362
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '102'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

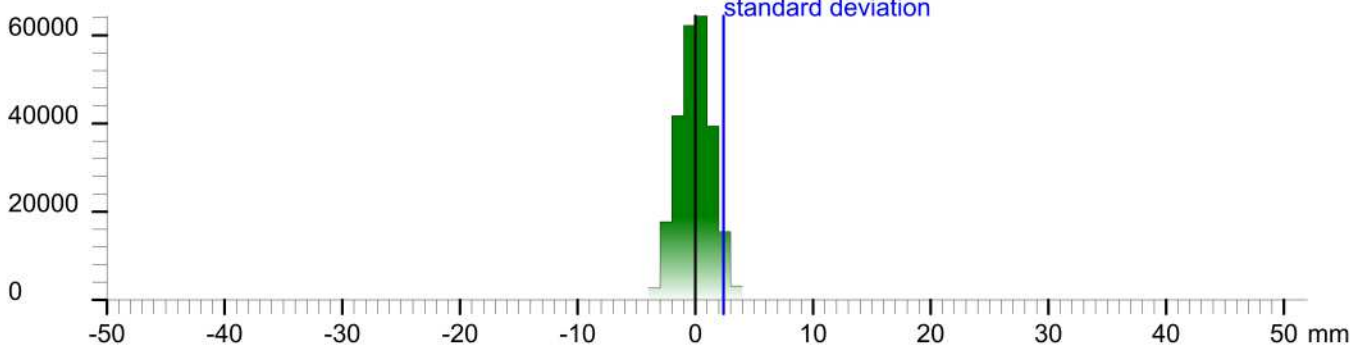
Registration matrix:

```
0.897430 -0.441158 -0.000040 26.6980 m
0.441158 0.897430 -0.000860 -31.6874 m
0.000416 0.000754 1.000000 7.7395 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.4 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.102'

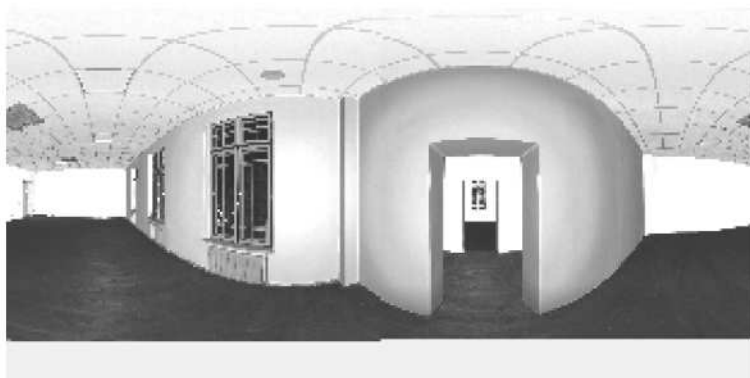
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.102" -scanpos "102" -path "Muz.Ist.Neamt" -project "Muz.Ist.Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -max "240"
Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.962898 bar 427.878 m
nav translation: 3.7830 m -2.4305 m 427.5425 m accuracies: 7.3636 m 7.3636 m 0.0000 m
nav rotation: 0.0000 0.0000 324.8583 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.818 -0.576 0.000 99.980
0.576 0.818 0.000 -52.511
0.000 0.000 1.000 15.097
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '103'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

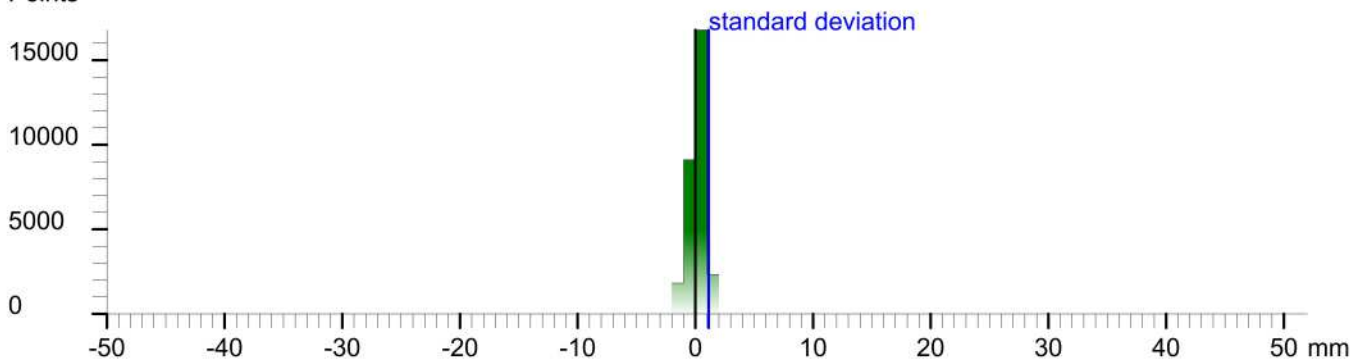
Registration matrix:

```
-0.738385  0.674381  0.000156  25.2314 m
-0.674381 -0.738384 -0.000021 -35.3392 m
0.000101 -0.000120  1.000000   7.7107 m
0.000000  0.000000  0.000000   1.0000
```

Result registration cloud to cloud standard deviation: 1.1 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.103'

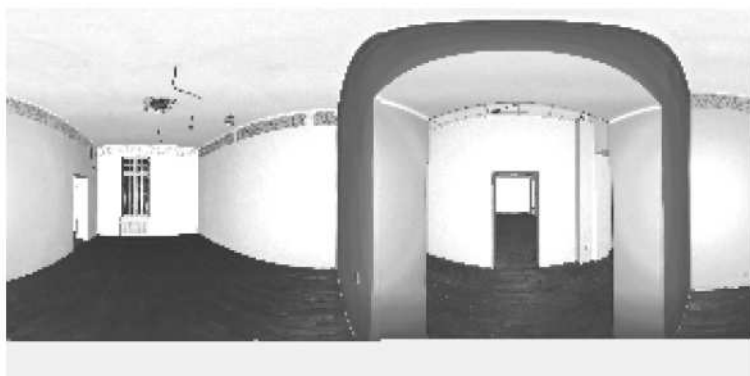
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "ZCSense 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.103" -scanpos "103" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1cam" -panoramaparams focal-resolution h -quality default -shom "0" -hs "181" -shom1 "20" -hs1 "240"
Sensor
sensors: 3096 "barometer translation rotation"
Barometer: 0.962998 bar 427.005 m
nav translation: -0.2170 m -1.1924 m 426.6320 m accuracies: 5.7207 m 5.7207 m 0.0000 m
nav rotation: 0.0000 0.0000 134.4430 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.700 0.714 0.000 99.763
-0.714 -0.700 0.000 -53.704
0.000 0.000 1.000 14.186
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '104'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

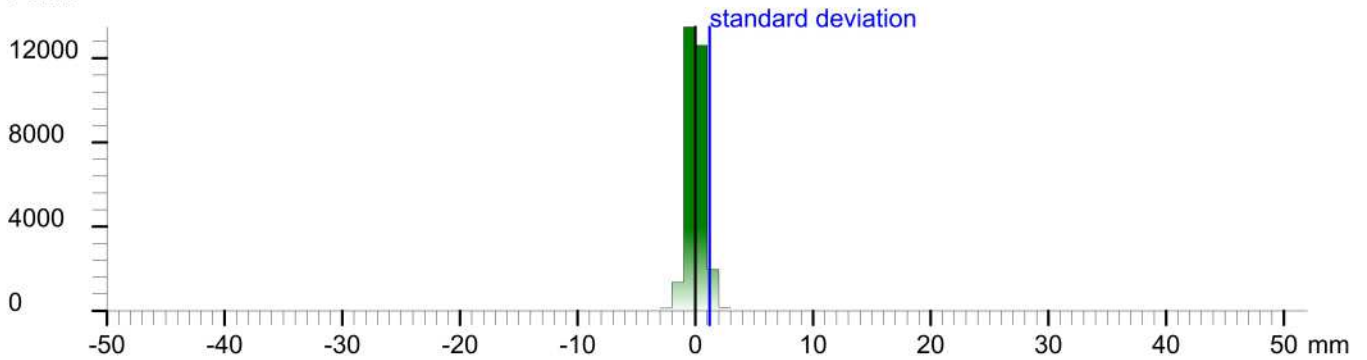
Registration matrix:

0.518781	0.854907	0.000901	27.7327 m
-0.854908	0.518780	0.001319	-34.7299 m
0.000661	-0.001454	0.999999	7.7295 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.2 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.104'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

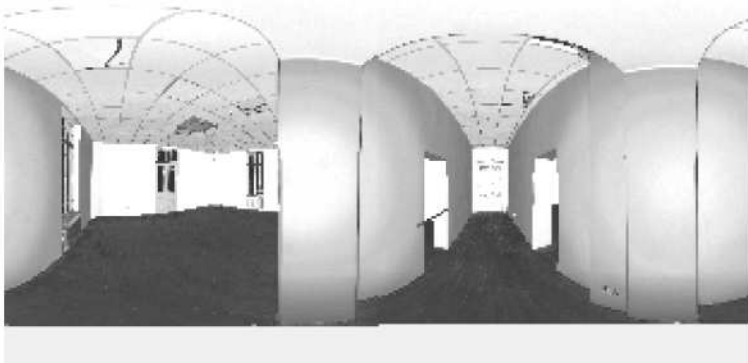
**Metadata**    **Value**  
**comment**  
**operator**

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.104" -scanpos "104" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1cam" -panoramaparams focal-resolution h -quality default -shom "0" -hs "181" -hstrom "20" -hml "340"`

Sensor

sensors: 3096 'barometer translation rotation'  
Barometer: 0.963199 bar 425.266 m  
nav translation: 0.4608 m -0.4058 m 426.3670 m accuracies: 5.4098 m 5.4098 m 0.0000 m  
nav rotation: 0.0000 0.0000 58.0109 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.530 0.848 0.000 100.224  
-0.848 0.530 0.000 -54.109  
0.000 0.000 1.000 13.921  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header





# Scan position '105'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

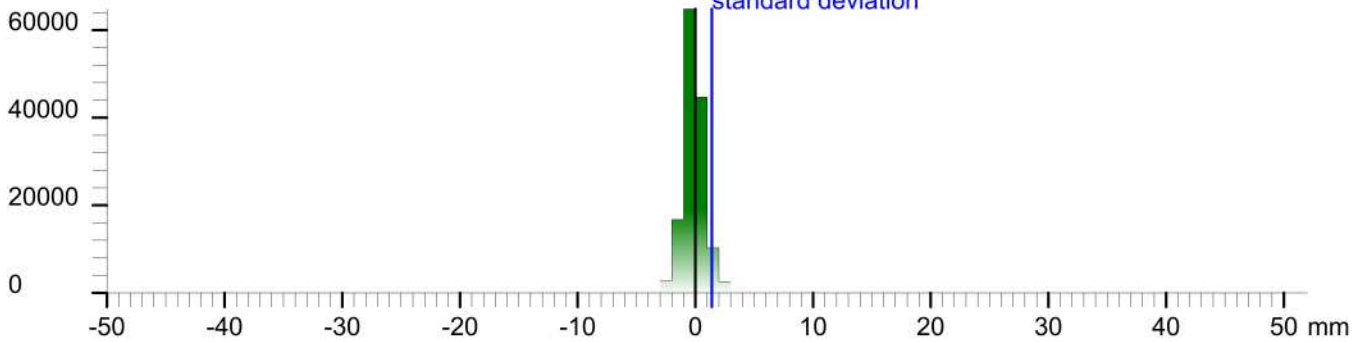
Registration matrix:

0.545329	0.838222	0.001348	29.4225 m
-0.838223	0.545328	0.000956	-38.0969 m
0.000067	-0.001651	0.999999	7.6880 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.4 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.105'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

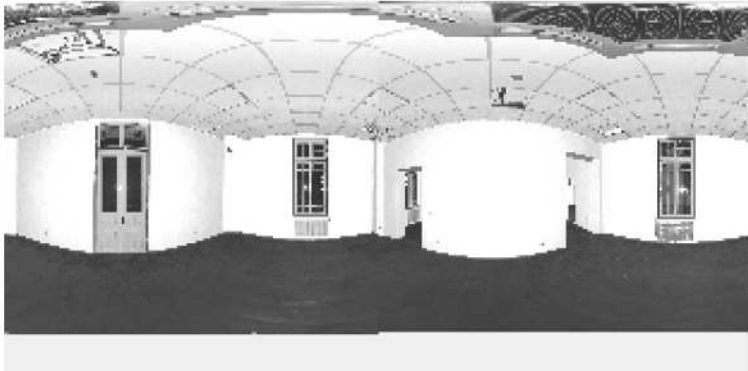
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

Scan command: `cd "C:\Users\operator\Documents\Projects\105" && cd "Muz.Ist.Neamt Sc.105" && scanpos "105" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h-quality default -from "0" -to "181" -interval "20" -fov "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.963098 bar 426.136 m  
nav translation: 2.9226 m -0.5355 m 425.7432 m accuracies: 6.6125 m 6.6125 m 0.0001 m  
nav rotation: 0.0000 0.0000 52.4581 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.609 0.793 0.000 103.147  
-0.793 0.609 0.000 -54.645  
0.000 0.000 1.000 13.298  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '106'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

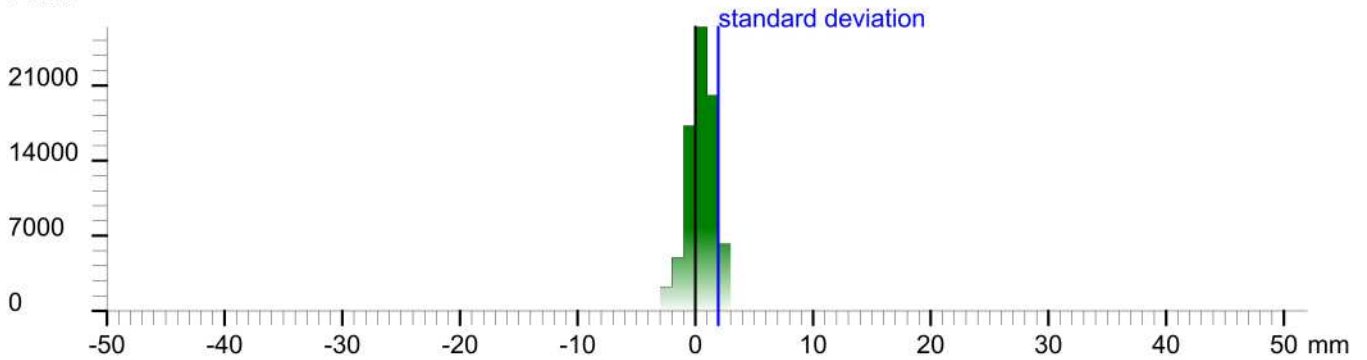
Registration matrix:

```
-0.675660 -0.737214 -0.000783 25.4921 m
0.737214 -0.675661 0.000250 -39.0499 m
-0.000714 -0.000408 1.000000 7.7142 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.0 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.106'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

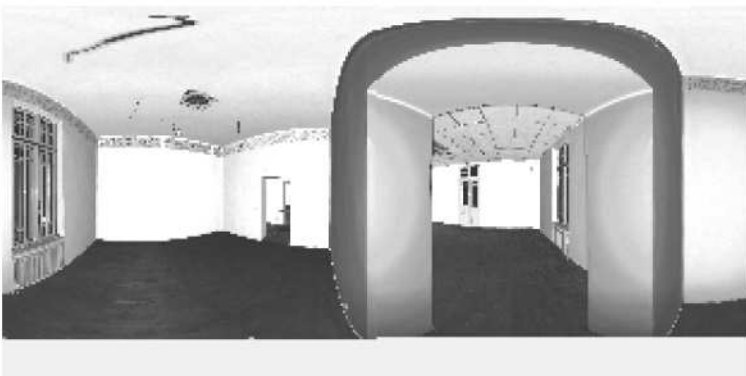
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.106" -scanpos "106" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -shom "0" -hs "181" -shom1 "20" -hs1 "240"
```

```
Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.963392 bar 423.594 m  
nav translation: -1.0037 m -0.0750 m 424.0567 m accuracies: 5.6078 m 5.6078 m 0.0001 m  
nav rotation: 0.0000 0.0000 217.8530 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.790 -0.614 0.000 102.143  
0.614 -0.790 0.000 -54.720  
0.000 0.000 1.000 11.611  
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '107'

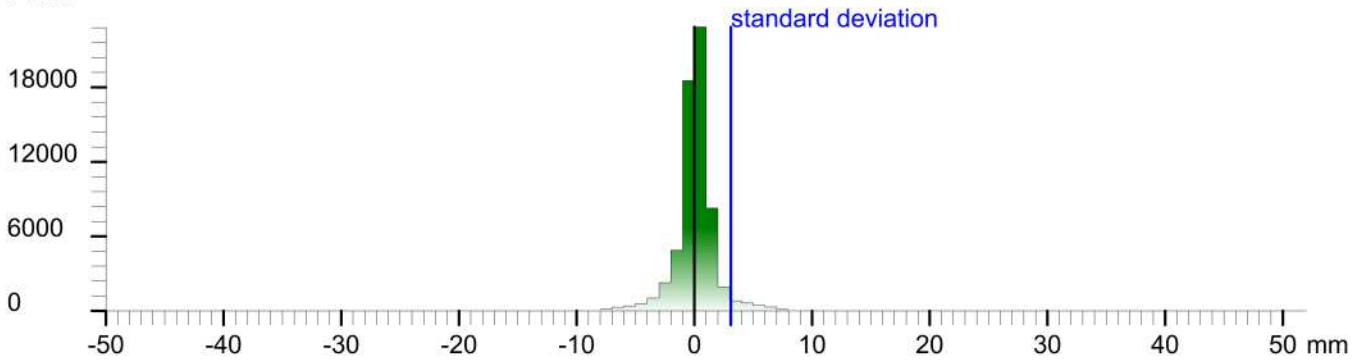
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
0.722593 -0.691274 -0.001191 18.1374 m
0.691274 0.722593 -0.000349 -33.4207 m
0.001102 -0.000571 1.000000 7.7053 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.1 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.107'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.107" -scanpos "107" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams focal-resolution h -quality default -shom "0" -ho "181" -hrom1 "20" -hml "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.963650 bar 421.35 m  
nav translation: -7.4718 m -1.5306 m 421.7142 m accuracies: 9.0159 m 9.0159 m 0.0001 m  
nav rotation: 0.0000 0.0000 308.3120 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.620 -0.785 0.000 94.671  
0.785 0.620 0.000 -56.251  
0.000 0.000 1.000 9.269  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '108'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

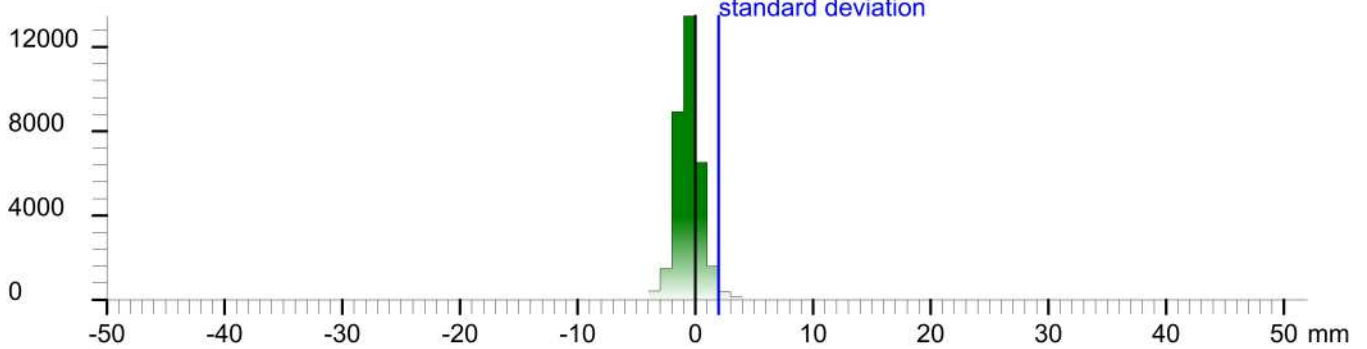
Registration matrix:

0.977793	0.209575	0.000062	17.8844 m
-0.209575	0.977793	-0.000463	-34.5235 m
-0.000157	0.000439	1.000000	7.6952 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.0 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.108'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

Scan command: `cd /usr/local/bin; ./memorize 1 -file "Muz.Ist.Neamt Sc.108" -scanpos "108" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -max1 "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.963980 bar 418.496 m  
nav translation: 1.3458 m 0.4844 m 419.1053 m accuracies: 5.8245 m 5.8245 m 0.0001 m  
nav rotation: 0.0000 0.0000 7.7373 accuracies: 0.0000 0.0000 93.8430  
upside-down: no  
Initial pre position (0:indoor)  
0.991 0.135 0.000 96.017  
-0.135 0.991 0.000 -55.766  
0.000 0.000 1.000 6.660  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '109'

Scan position is member of group(s):  
Status registration '[10023h] preregistered, manually'  
Registration matrix:

0.896912	0.442211	0.000012	21.0428 m
-0.442210	0.896912	0.000001	-35.4349 m
-0.000009	-0.000006	1.000000	7.7196 m
0.000000	0.000000	0.000000	1.0000

## Scan 'Muz.Ist.Neamt Sc.109'

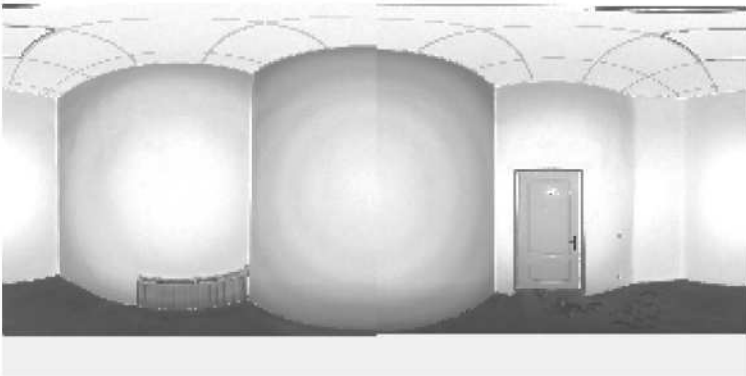
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: 'cd /usr/local/bin; ./memorize 1 -file "Muz.Ist.Neamt Sc.109" -scanpos "109" -path "Muz.Ist.Neamt Sc.109" -project "Muz.Ist.Neamt Sc.109" -projectTemplate "" -nav -temperature "20" -camera "1cam" -panoramaparams fsoi -resolution h -quality default -from "0" -to "181" -infrom1 "20" -to1 "340"'
```

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.964127 bar 417.222 m  
nav translation: 1.7372 m 1.2643 m 417.5634 m accuracies: 6.1773 m 6.1773 m 0.0001 m  
nav rotation: 0.0000 0.0000 24.8015 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.908 0.419 0.000 97.754  
-0.419 0.908 0.000 -54.502  
0.000 0.000 1.000 5.118  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



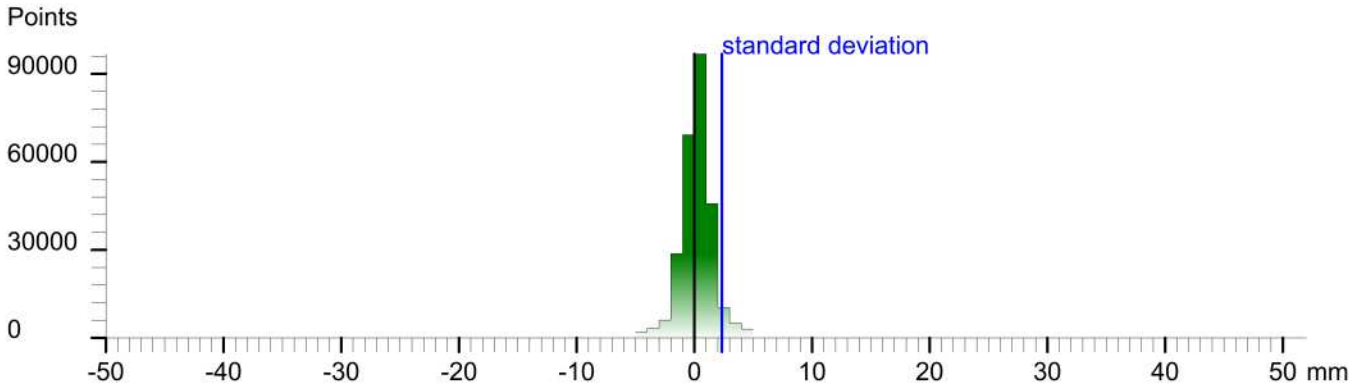
# Scan position '11'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.993246  0.116030  0.000902  39.3371 m  
-0.116032 -0.993244 -0.001611 -11.6864 m  
0.000709 -0.001704  0.999998  0.5409 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation: 2.3 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.11'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.11" -scans "11" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "1-cam1" -panoramaparams fast-resolution h-quality default -from "0" -to "181" -dtm1 "20" -dtm1 "340"  
Sensor  
sensors: 3100 " barometer translation rotation gps"  
Barometer: 0.963695 bar 420.962 m  
nav translation: -3.1186 m -8.5154 m 420.6546 m accuracies: 9.6936 m 9.6936 m 0.0001 m  
nav rotation: 0.0000 0.0000 163.8597 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:46.927902 long:26.369623 satellites:3 height:349.4m hdop:10.6 vdop:1.0m hacc:10.4m vacc:11.0 flags:G2 'stand alone 2D solution'  
north:5197345.039 m east:452010.874 m zone:35T  
Initial pre position (3:outdoor)  
-0.961 0.278 0.000 66.550  
-0.278 -0.961 0.000 -26.566  
0.000 0.000 1.000 8.209  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '110'

Scan position is member of group(s):

Status registration '[10123h] preregistered with cloud to cloud, manually'

Registration matrix:

0.005909	0.999983	0.000055	16.9106 m
-0.999983	0.005909	0.000004	-36.9668 m
0.000004	-0.000054	1.000000	7.7066 m
0.000000	0.000000	0.000000	1.0000

## Scan 'Muz.Ist.Neamt Sc.110'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

Scan command: 'cd /usr/local/bin; ./memorize 1 -file "Muz.Ist.Neamt Sc.110" -scanpos "110" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1.cam" -panoramaparams best -resolution h -quality default -ffrom "0" -to "181" -ffrom1 "20" -to1 "340"'

Sensor

sensors: 3096 ' barometer translation rotation'

Barometer: 0.964300 bar 415.717 m

nav translation: 1.1370 m -2.8082 m 416.2100 m accuracies: 6.6258 m 6.6258 m 0.0001 m

nav rotation: 0.0000 0.0000 82.9245 accuracies: 0.0000 0.0000 15.0000

upside-down: no

Initial pre position (0:indoor)

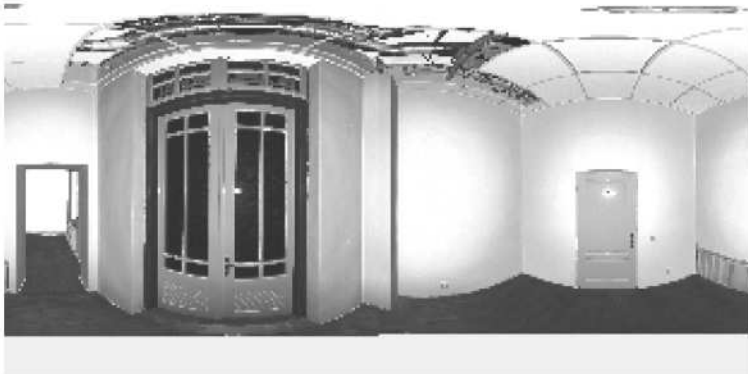
0.123 0.992 0.000 98.891

-0.992 0.123 0.000 -57.310

0.000 0.000 1.000 3.764

0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '111'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

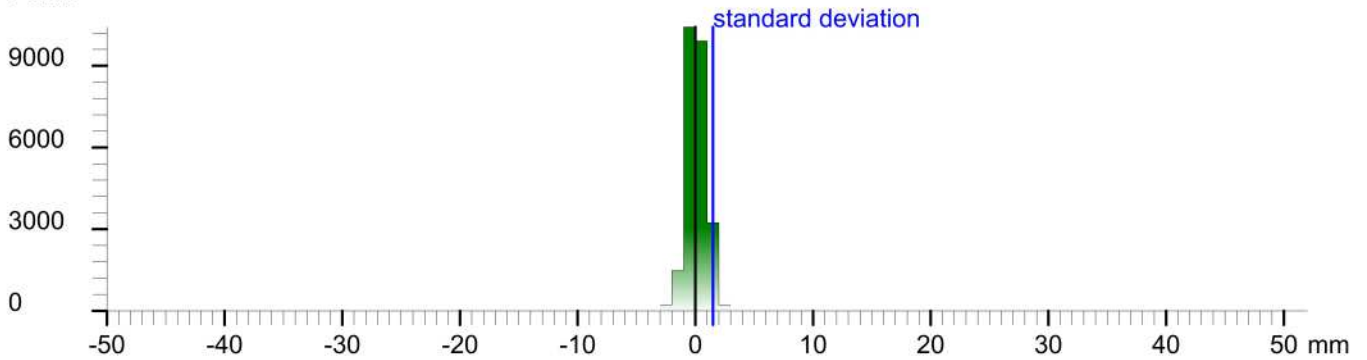
Registration matrix:

```
0.857433 -0.514596 -0.000824 19.6928 m
0.514597 0.857432 0.001510 -37.8803 m
-0.000071 -0.001720 0.999999 7.7070 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.5 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.111'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

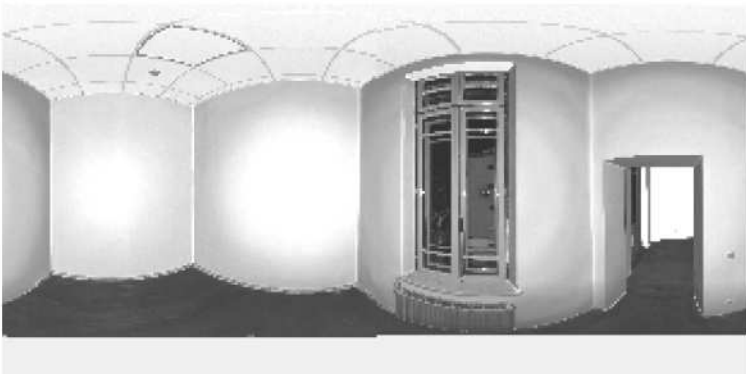
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

Scan command: `cd /usr/local/bin; ./memorize 1 -file "Muz.Ist.Neamt Sc.111" -scans "111" -path "Muz.Ist.Neamt" -project "Muz.Ist.Neamt" -projectTemplate "" -nav -temperature 20 -camera 1 -cam -panoramaparams fast-resolution h -quality default -from 10 -to 181 -hfov 120 -has 1240`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.964607 bar 413.059 m  
nav translation: 0.4807 m 0.9916 m 413.2383 m accuracies: 5.6604 m 5.6604 m 0.0000 m  
nav rotation: 0.0000 0.0000 324.3998 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.813 -0.582 0.000 99.372  
0.582 0.813 0.000 -56.318  
0.000 0.000 1.000 0.793  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header





# Scan position '112'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

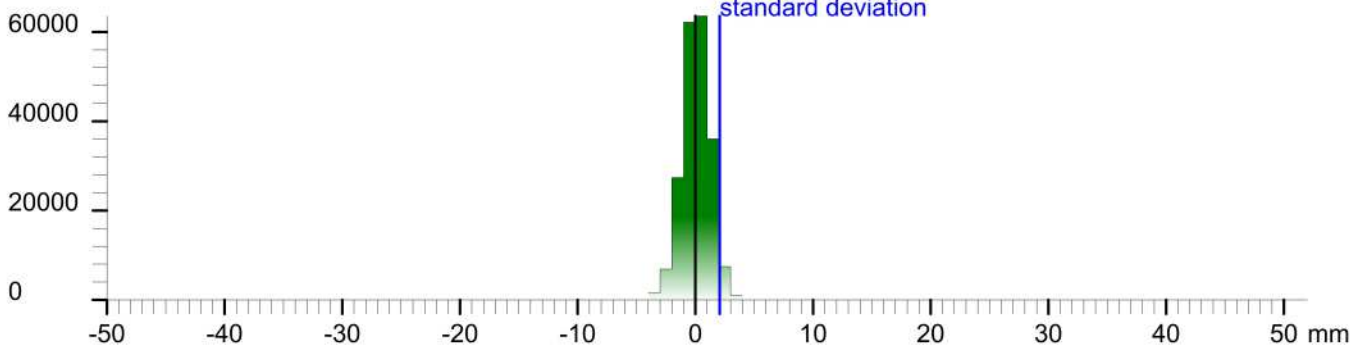
Registration matrix:

```
0.657410 0.753531 0.001797 25.5197 m
-0.753531 0.657413 -0.001007 -17.0094 m
-0.001939 -0.000692 0.999998 7.6851 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 2.1 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.112'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.112" -scanpos "112" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "zcam" -panoramaparams fast-resolution h-quality default -ifrom "0" -to "180" -ifrom1 "20" -hib1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.964839 bar 411.05 m  
nav translation: -2.0928 m 23.9532 m 410.6571 m accuracies: 17.2669 m 17.2669 m 0.0000 m  
nav rotation: 0.0000 0.0000 44.0290 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.719 0.695 0.000 97.279  
-0.695 0.719 0.000 -32.325  
0.000 0.000 1.000 -1.789  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



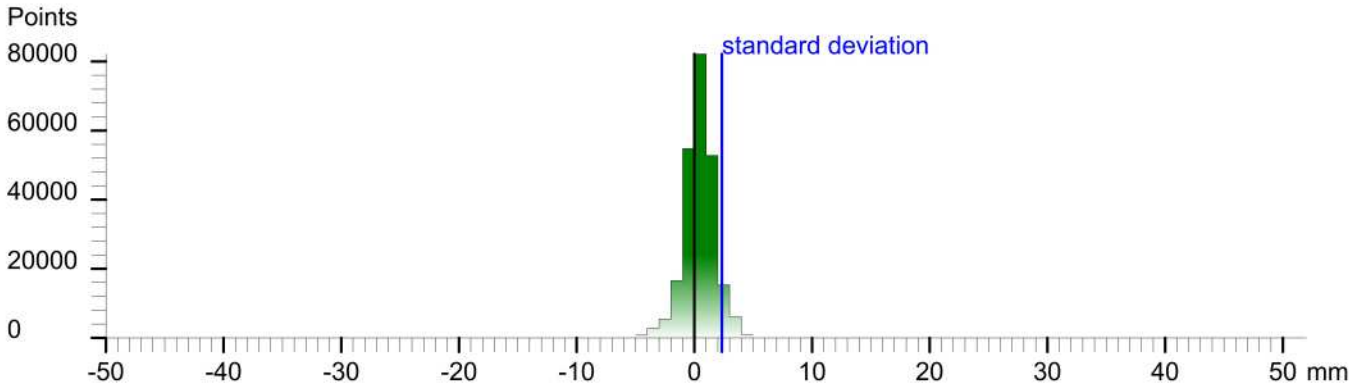
# Scan position '113'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.261832	-0.965114	0.000596	33.3998 m
0.965114	0.261831	-0.000390	-18.1769 m
0.000220	0.000676	1.000000	7.7266 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.3 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.113'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "LRCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.113" -scanpos "113" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "zcam" -panoramaparams fast-resolution h-quality default -from "0" -to "180" -from1 "20" -to1 "340"
Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.965108 bar 408.716 m
nav translation: 4.1878 m 5.3624 m 409.9932 m accuracies: 8.5233 m 8.5233 m 0.0000 m
nav rotation: 0.0000 0.0000 277.9854 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.139 -0.990 0.000 101.467
0.990 0.139 0.000 -26.963
0.000 0.000 1.000 -2.452
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '114'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

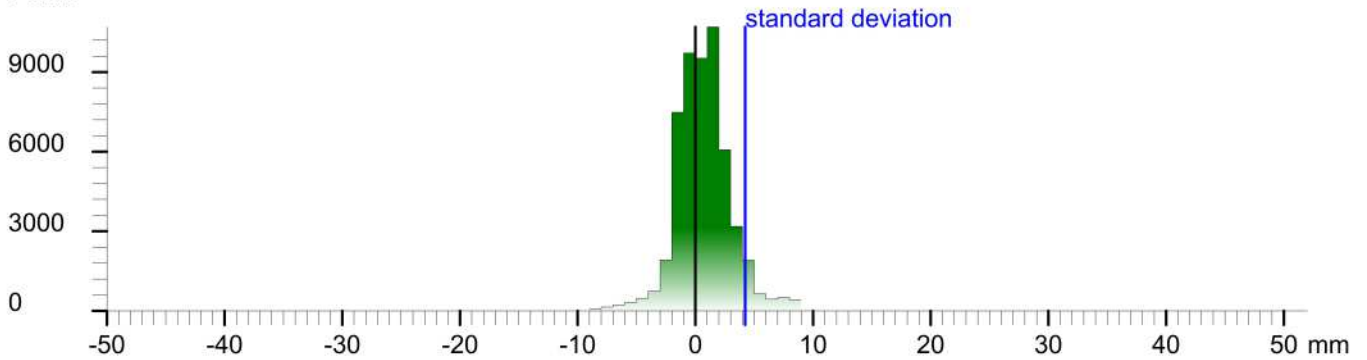
Registration matrix:

-0.451649	-0.892196	0.000487	19.2321 m
0.892196	-0.451650	-0.000359	-14.7268 m
0.000540	0.000271	1.000000	13.1518 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:4.2 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.114'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

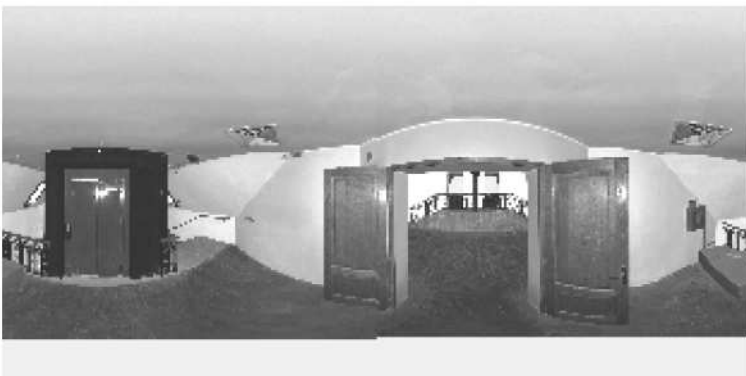
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 --memorize 1 -file "Muz.Ist.Neamt Sc.114" -scanpos "114" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projectTemplate "" -nav -temperature 20 -camera "zcam" -panoramaparams fast-resolution h-quality default -from 0° -to 180° -height 20° -height 340°`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.964611 bar 413.027 m  
nav translation: -9.2653 m 5.2604 m 413.6080 m accuracies: 10.9946 m 10.9946 m 0.0001 m  
nav rotation: 0.0000 0.0000 274.3465 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.076 -0.997 0.000 92.201  
0.997 0.076 0.000 -21.702  
0.000 0.000 1.000 1.162  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



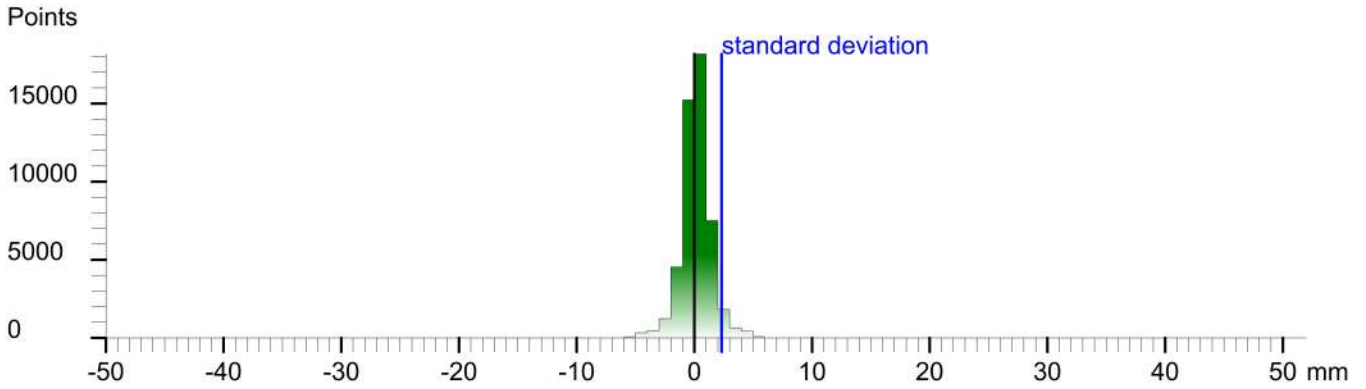
# Scan position '115'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.968711	-0.248188	0.001549	22.9744 m
0.248188	0.968713	0.000320	-15.9144 m
-0.001579	0.000074	0.999999	13.1388 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.3 mm

## Deviation histogram



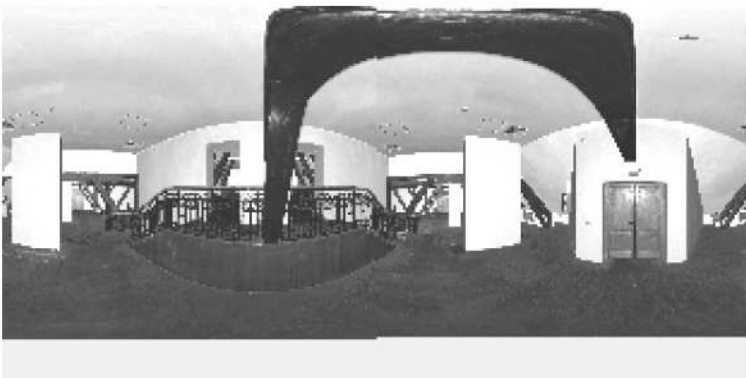
## Scan 'Muz.Ist.Neamt Sc.115'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: c:\1_RCSense 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.115" -scanpos "115" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1cam" -panoramaparams fast-resolution h-quality default -from "0" -to "180" -from1 "20" -to1 "340"
Sensor
sensors: 3096 " barometer translation rotation"
Barometer: 0.964745 bar 411.86 m
nav translation: 1.7195 m 0.0652 m 411.6698 m accuracies: 5.9735 m 5.9735 m 0.0000 m
nav rotation: 0.0000 0.0000 353.0493 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.993 -0.121 0.000 93.921
0.121 0.993 0.000 -21.637
0.000 0.000 1.000 -0.776
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



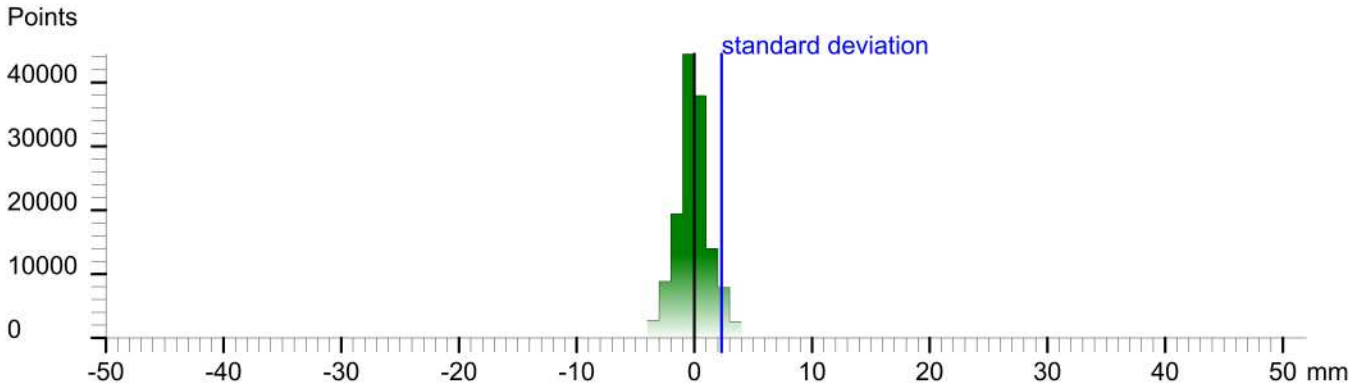
# Scan position '116'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.152530  0.988298  0.001903  21.2541 m  
-0.988300 -0.152528 -0.000681 -21.8884 m  
-0.000383 -0.001983  0.999998  12.6265 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation: 2.3 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.116'

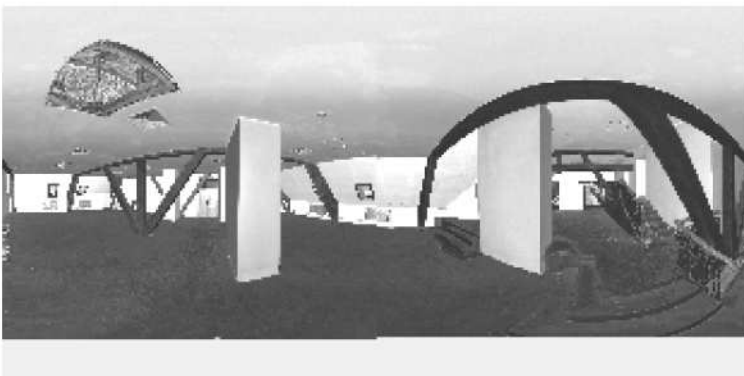
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.116" -scanpos "116" -path "Muz.Ist.Neamt Sc.116" -project "Muz.Ist.Neamt Sc.116" -projectTemplate "" -nav -temperature 20 -camera "zcam" -panoramaparams fast-resolution h-quality default -from 0° -to 180° -height 200 -height 340`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.965010 bar 409.565 m  
nav translation: 2.4172 m -3.9295 m 410.5840 m accuracies: 7.4162 m 7.4162 m 0.0001 m  
nav rotation: 0.0000 0.0000 79.6903 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.179 0.984 0.000 96.338  
-0.984 0.179 0.000 -25.567  
0.000 0.000 1.000 -1.862  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



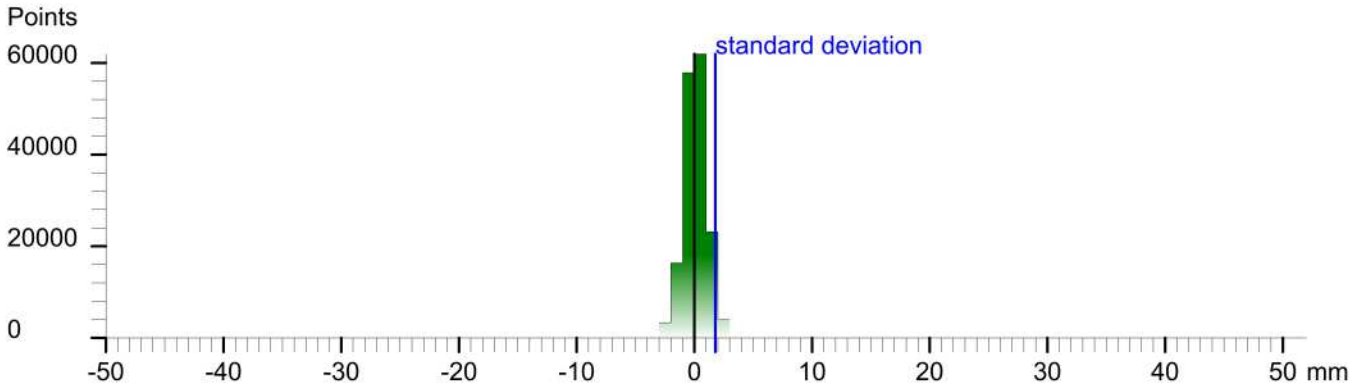
# Scan position '117'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

-0.011556	0.999933	0.001354	16.0217 m
-0.999934	-0.011554	-0.000958	-25.3783 m
-0.000942	-0.001364	0.999999	12.6424 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.8 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.117'

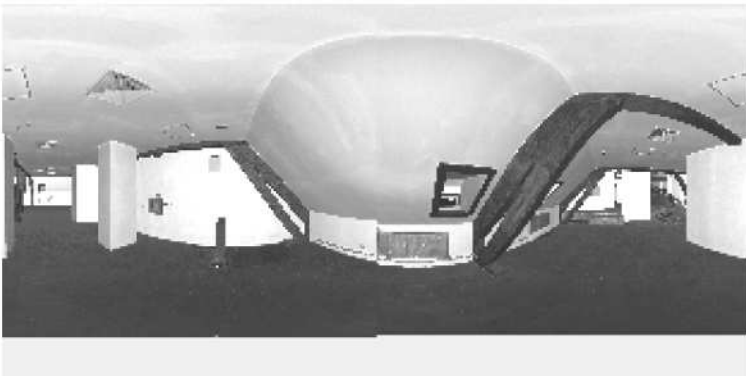
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: c:\1_RCSense 9.0.3\memorize 1 -file "Muz.Ist.Neamt Sc.117" -scanpos "117" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1.cam" -panoramaparams fast-resolution h-quality default -ifrom "0" -to "181" -ifrom1 "20" -to1 "340"
```

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.965125 bar 408.571 m  
nav translation: 1.3039 m -3.3432 m 409.0599 m accuracies: 6.9230 m 6.9230 m 0.0001 m  
nav rotation: 0.0000 0.0000 91.4022 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.024 1.000 0.000 97.642  
-1.000 -0.024 0.000 -28.910  
0.000 0.000 1.000 -3.386  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



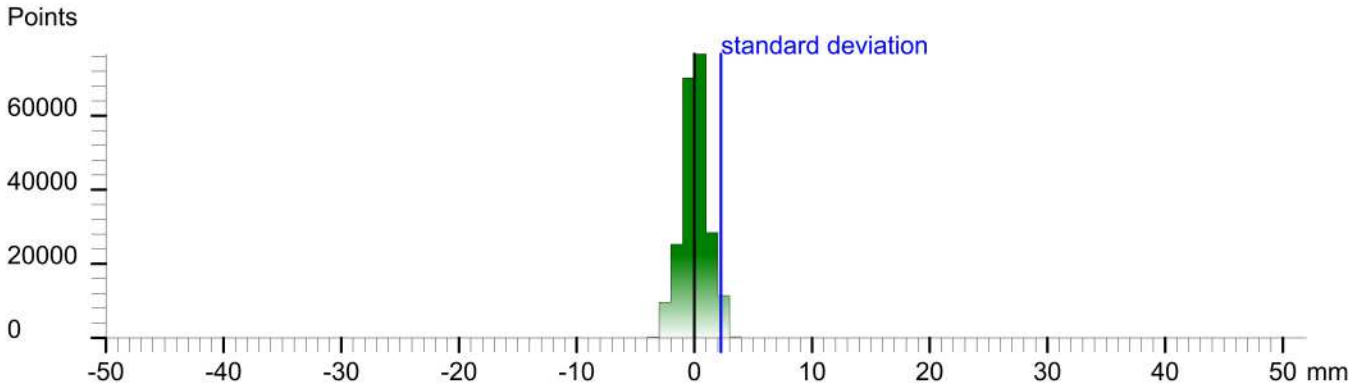
# Scan position '118'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.979977	0.199106	0.001783	26.0068 m
-0.199104	0.979980	-0.000747	-29.3881 m
-0.001895	0.000377	0.999999	12.6336 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.3 mm

## Deviation histogram



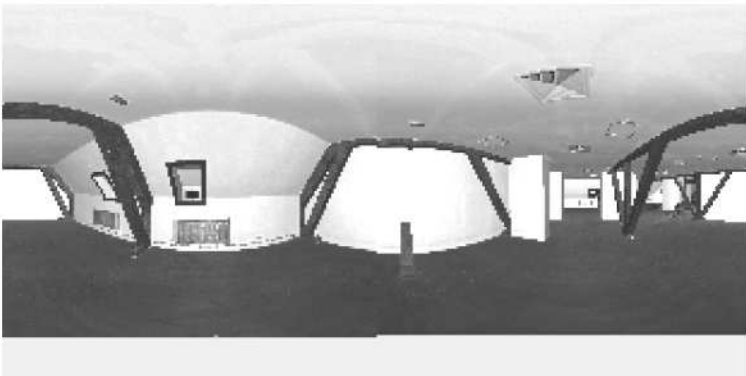
## Scan 'Muz.Ist.Neamt Sc.118'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.118" -scanpos "118" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "zcam" -panoramaparams fast-resolution h-quality default -ifrom "0" -to "118" -ifrom1 "20" -hib1 "340"
Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.965206 bar 407.868 m
nav translation: 10.6258 m -0.4189 m 407.4299 m accuracies: 10.4521 m 10.4521 m 0.0000 m
nav rotation: 0.0000 0.0000 355.4038 accuracies: 0.0000 0.0000 178.6192
upside-down: no
Initial pre position (0:indoor)
0.997 -0.080 0.000 108.268
0.080 0.997 0.000 -29.329
0.000 0.000 1.000 -5.016
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



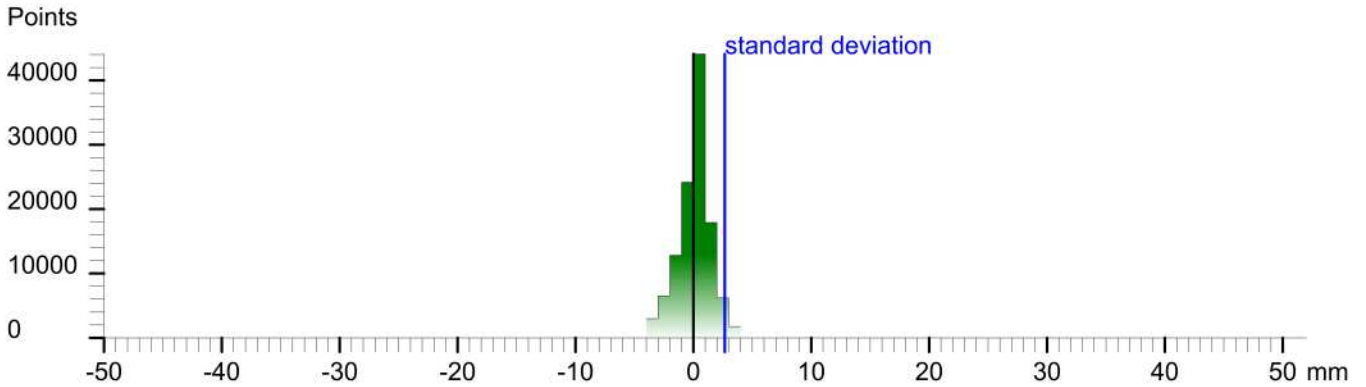
# Scan position '119'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.883071  0.469240  0.001367  18.8002 m  
-0.469242 -0.883069 -0.001684 -29.8496 m  
0.000417 -0.002128  0.999998  12.6487 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation: 2.7 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.119'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

Scan command: `cd /usr/local/bin; ./rcsServer 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.119" -scanspos "119" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "zcam" -panoramaparams fast-resolution h-quality default -ifrom "0" -to "10" -ifrom1 "20" -hib1 "340"`

### Sensor

sensors: 3096 'barometer translation rotation'  
Barometer: 0.965294 bar 407.108 m  
nav translation: -3.8236 m -4.3608 m 407.1978 m accuracies: 8.0168 m 8.0168 m 0.0001 m  
nav rotation: 0.0000 0.0000 139.1553 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
initial pre position (4:1m)  
1.000 0.000 0.000 0.000  
0.000 1.000 0.000 0.000  
0.000 0.000 1.000 0.000  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header





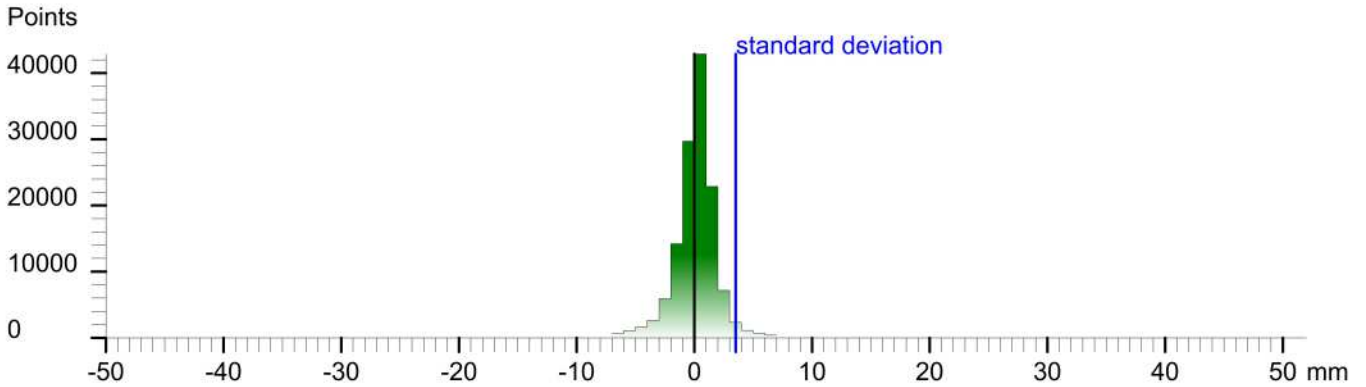
# Scan position '12'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.861952 -0.506990 0.000531 48.9988 m
0.506988 -0.861952 -0.001730 -22.5220 m
0.001335 -0.001222 0.999998 0.1577 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.5 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.12'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 5016" -memorize 1 -file "Muz.Ist.Neamt Sc.12" -scansize "12" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projedTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast -resolution h -quality default -frown "0" -fo "181" -frown1 "20" -frow1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.963634 bar 421.487 m
nav translation: 9.1467 m -0.4801 m 421.1912 m accuracies: 9.7379 m 9.7379 m 0.0000 m
nav rotation: 0.0000 0.0000 204.7410 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.927917 long:26.369753 satellites:5 height:350.6m hdop:2.2 vdop:2.4m haacc:18.0m vacc:6.1 flags:G3 'stand alone 3D solution'
north:5197346.655 m east:452020.761 m zone:35T
Initial pre position (3:outdoor)
-0.908 -0.419 0.000 75.696
0.419 -0.908 0.000 -27.046
0.000 0.000 1.000 8.746
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '121'

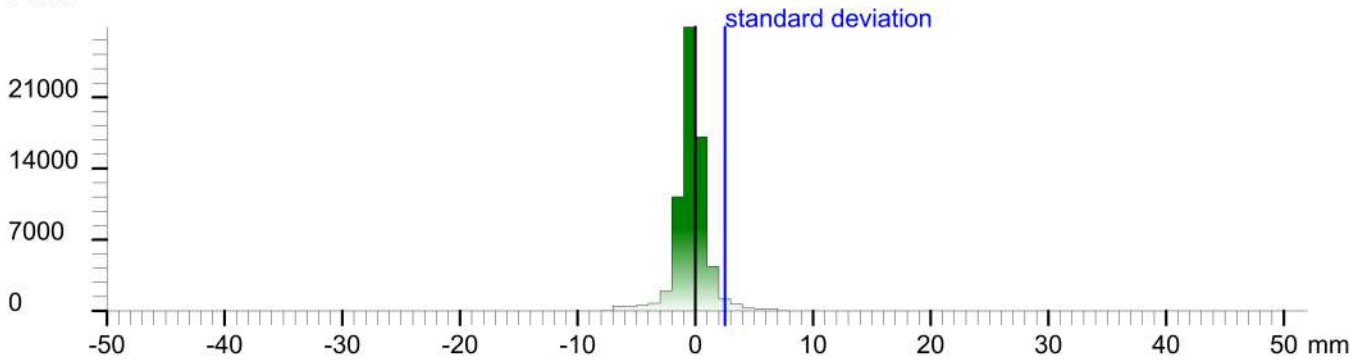
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

-0.666729	0.745301	0.001298	17.0316 m
-0.745302	-0.666725	-0.002389	-34.4059 m
-0.000915	-0.002559	0.999997	12.6173 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.5 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.121'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsServer 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.121" -scanpos "121" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -fov "240"`  
Error or warnings while recording:  
Warning:754

### Sensor

sensors: 3096 'barometer translation rotation'  
Barometer: 0.965525 bar 405.112 m  
nav translation: 0.0000 m 0.0000 m 405.2982 m accuracies: 5.1000 m 5.1000 m 0.0000 m  
nav rotation: 0.0000 0.0000 116.0067 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
initial pre position (4:1m)  
1.000 0.000 0.000 0.000  
0.000 1.000 0.000 0.000  
0.000 0.000 1.000 0.000  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



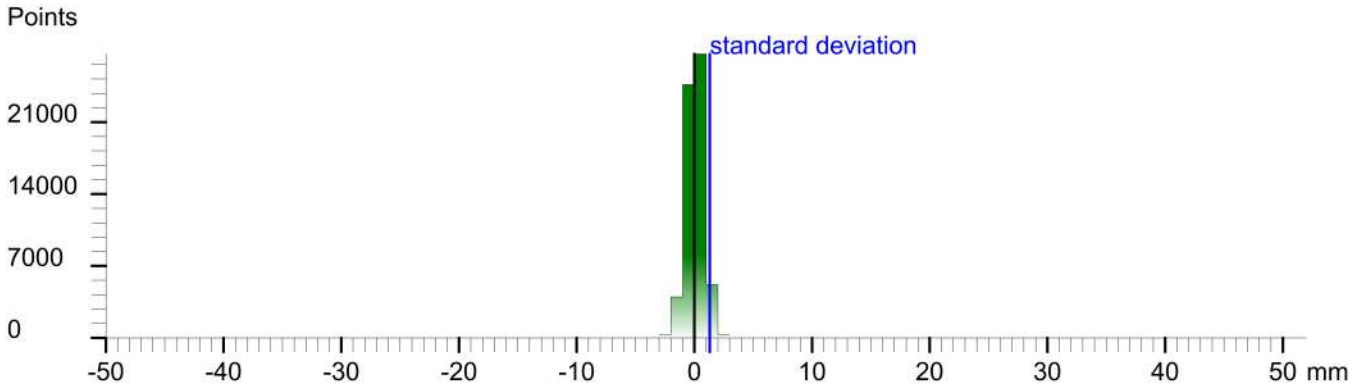
# Scan position '122'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.999969  0.007964  0.000776  16.0810 m  
-0.007967 -0.999967 -0.002342 -34.1154 m  
0.000757  -0.002348  0.999997  12.6202 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation: 1.3 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.122'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "RCServer 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.122" -scanpos "122" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams focal-resolution h -quality default -shom "0" -hs "181" -shom1 "20" -hs1 "240"  
Error or warnings while recording:  
Warning:754
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.965670 bar 403.856 m  
nav translation: 0.0000 m 0.0000 m 404.4541 m accuracies: 5.1000 m 5.1000 m 0.0000 m  
nav rotation: 0.0000 0.0000 166.0050 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
initial pre position (4:1m)  
1.000 0.000 0.000 0.000  
0.000 1.000 0.000 0.000  
0.000 0.000 1.000 0.000  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '123'

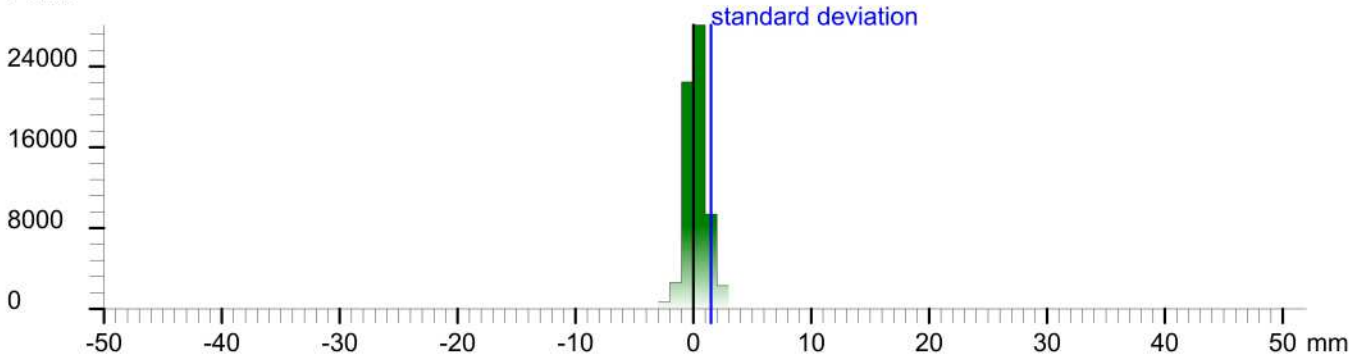
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
0.738094 0.674697 0.001481 17.3742 m
-0.674696 0.738096 -0.001504 -36.9877 m
-0.002107 0.000112 0.999998 12.6127 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.5 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.123'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

Scan command: -crl "LRCServer 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.123" -scanpos "123" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "lcam" -panoramaparams focal-resolution h -quality default -shom "0" -hs "181" -hstrom "20" -hs1 "340"

Error or warnings while recording:  
Warning:754

Sensor

sensors: 3096 ' barometer translation rotation'  
Barometer: 0.965853 bar 402.269 m  
nav translation: 0.0000 m 0.0000 m 402.9848 m accuracies: 5.1000 m 5.1000 m 0.0001 m  
nav rotation: 0.0000 0.0000 34.1797 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
initial pre position (4:1m)  
1.000 0.000 0.000 0.000  
0.000 1.000 0.000 0.000  
0.000 0.000 1.000 0.000  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '124'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

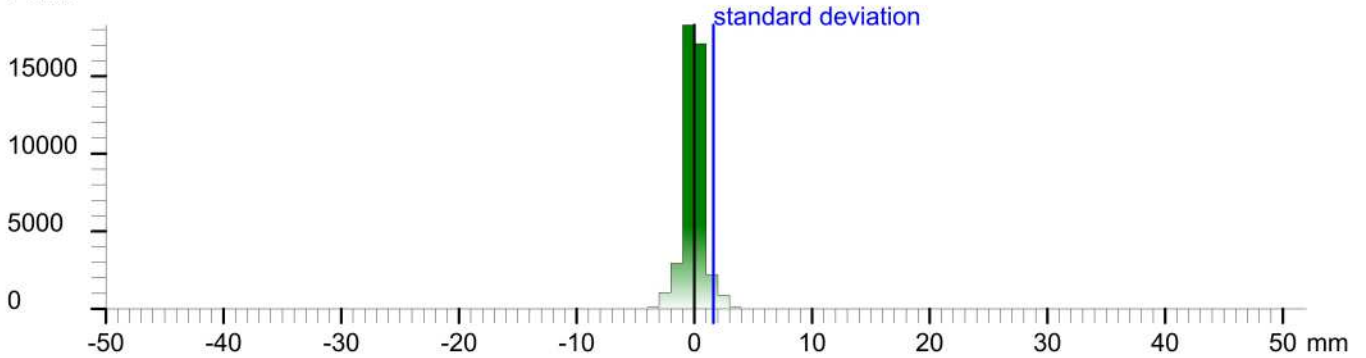
Registration matrix:

0.443340	0.896353	0.001561	19.2212 m
-0.896352	0.443343	-0.001806	-35.4861 m
-0.002311	-0.000598	0.999998	12.5738 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.6 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.124'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.124" -scanpos "124" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -shim "0" -hs "181" -shim1 "20" -hs1 "240"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.966002 bar 400.981 m  
nav translation: 0.0000 m 0.0000 m 401.0876 m accuracies: 5.1000 m 5.1000 m 0.0001 m  
nav rotation: 0.0000 0.0000 110.0433 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.343 0.939 0.000 104.444  
-0.939 -0.343 0.000 -33.690  
0.000 0.000 1.000 -11.358  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



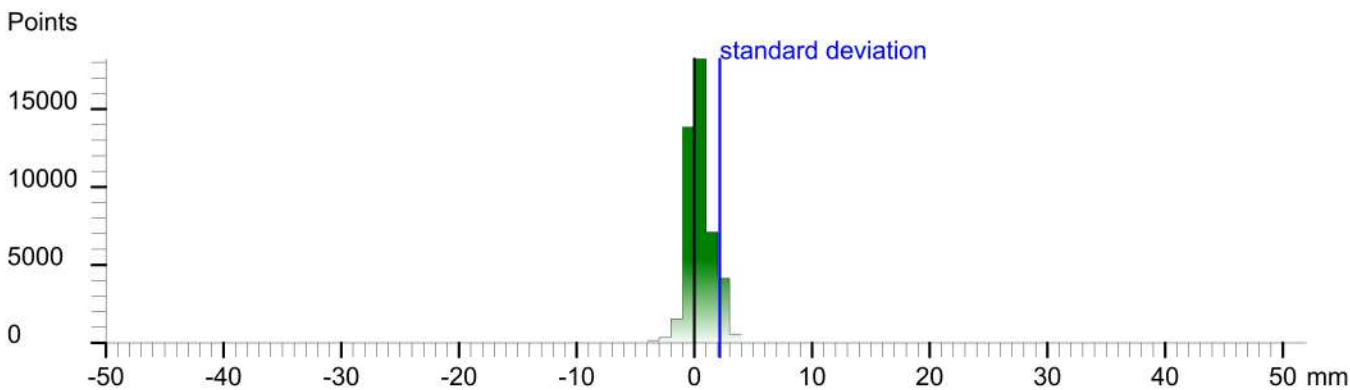
# Scan position '125'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.895506  0.445048  0.001747  19.5718 m  
-0.445051 -0.895503 -0.002721 -37.7946 m  
0.000353 -0.003214  0.999995  12.5624 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation: 2.2 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.125'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "LRCServer 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.125" -scanpos "125" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "lcam" -panoramaparams focal-resolution h -quality default -from "0" -to "181" -interval "20" -roll "240"
```

Warning:754

### Sensor

```
sensors: 3096 'barometer translation rotation'  
Barometer: 0.966147 bar 399.726 m  
nav translation: -3.5226 m -3.0532 m 399.9326 m accuracies: 7.4477 m 7.4477 m 0.0000 m  
nav rotation: 0.0000 0.0000 146.2471 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
initial pre position (4:1m)  
1.000 0.000 0.000 0.000  
0.000 1.000 0.000 0.000  
0.000 0.000 1.000 0.000  
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '127'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

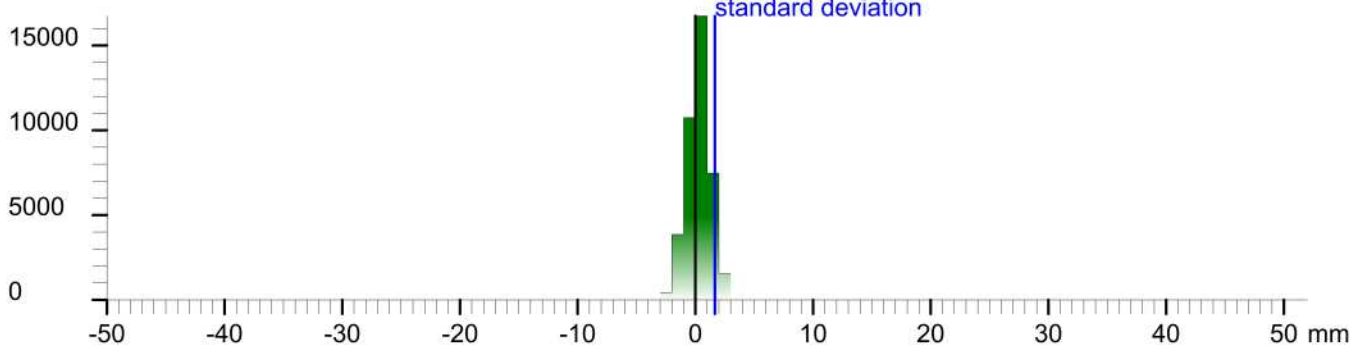
Registration matrix:

0.904956	0.425503	0.001807	22.1770 m
-0.425501	0.904958	-0.001270	-34.2262 m
-0.002175	0.000380	0.999998	12.5534 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.7 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.127'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

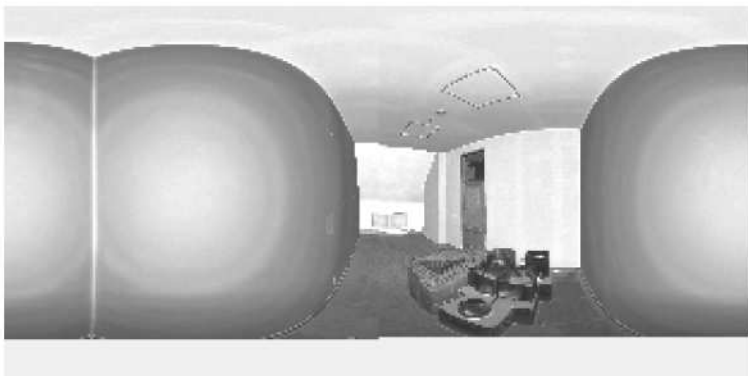
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.127" -scanpos "127" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams focal-resolution h -quality default -from "0" -to "181" -interval "20" -roll "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.966479 bar 396.857 m  
nav translation: 0.0000 m 0.0000 m 396.8888 m accuracies: 5.1000 m 5.1000 m 0.0000 m  
nav rotation: 0.0000 0.0000 10.1665 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.984 0.177 0.000 100.922  
-0.177 0.984 0.000 -36.743  
0.000 0.000 1.000 -15.557  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



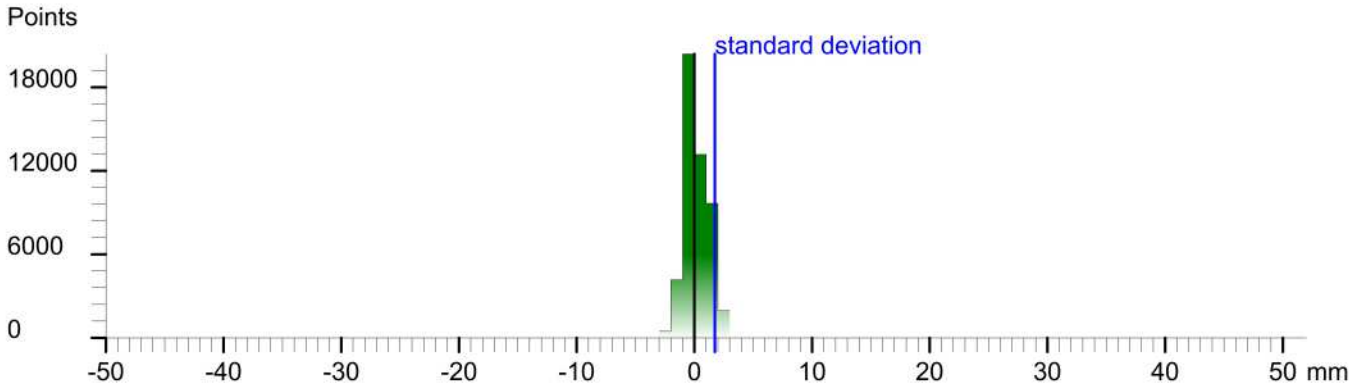
# Scan position '128'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.795229	0.606307	0.001959	20.5934 m
-0.606306	0.795232	-0.000976	-31.9424 m
-0.002149	-0.000411	0.999998	12.5815 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.7 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.128'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.128" -scanpos "128" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -roll "240"
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.966621 bar 395.625 m  
nav translation: 3.3937 m -0.9153 m 396.0152 m accuracies: 6.9217 m 6.9217 m 0.0001 m  
nav rotation: 0.0000 0.0000 33.9945 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.829 0.559 0.000 104.315  
-0.559 0.829 0.000 -37.658  
0.000 0.000 1.000 -16.431  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header





# Scan position '129'

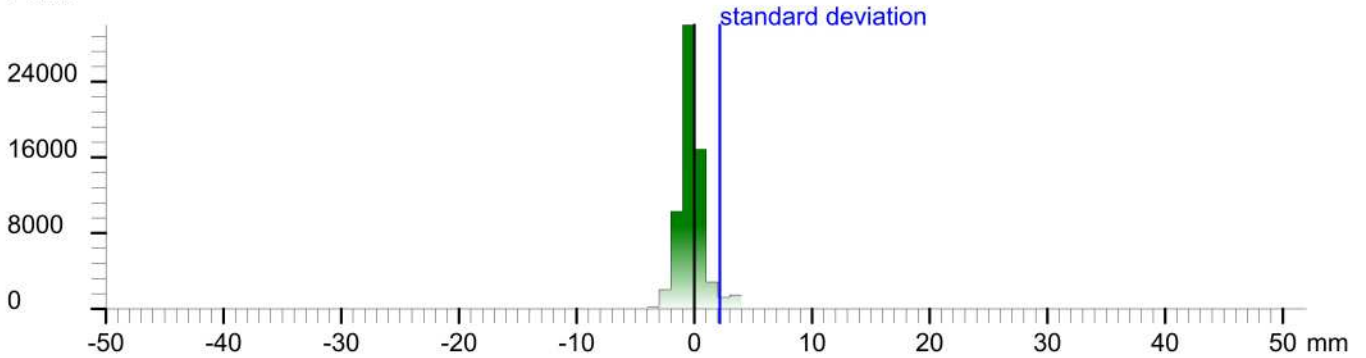
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.813939	0.580948	0.002299	25.4159 m
-0.580947	0.813943	-0.000868	-34.1404 m
-0.002375	-0.000629	0.999997	12.5821 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.2 mm

## Deviation histogram

Points



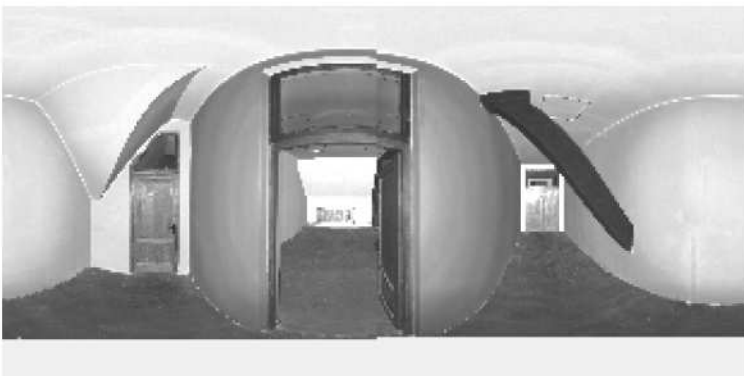
## Scan 'Muz.Ist.Neamt Sc.129'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "ZFCamera 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.129" -scanpos "129" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "zcam" -panoramaparams focal-resolution h -quality default -from "0" -to "181" -interval "20" -max1 "340"
Sensor
sensors: 3096 " barometer translation rotation"
Barometer: 0.966849 bar 393.655 m
nav translation: 4.5145 m 0.4345 m 394.4971 m accuracies: 7.3939 m 7.3939 m 0.0000 m
nav rotation: 0.0000 0.0000 35.0532 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.819 0.574 0.000 108.830
-0.574 0.819 0.000 -37.224
0.000 0.000 1.000 -17.949
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '13'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

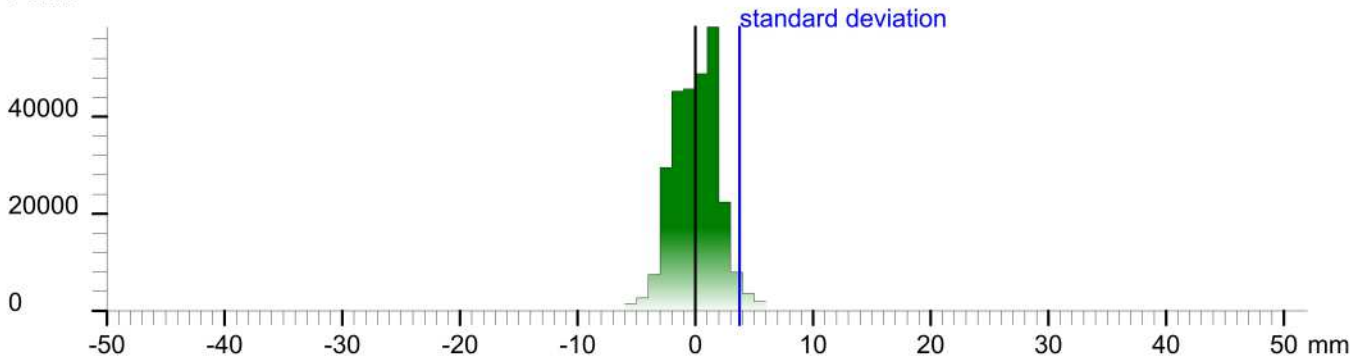
Registration matrix:

```
-0.778174 0.628048 0.001422 39.0147 m
-0.628050 -0.778171 -0.002201 -28.4774 m
-0.000275 -0.002606 0.999997 0.2233 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.8 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.13'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+FSense 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.13" -scanspos "13" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projedTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -ffrom "0" -to "181" -fitfrom1 "20" -fit1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.963422 bar 423.332 m
nav translation: -5.6689 m -12.0302 m 422.9612 m accuracies: 11.7605 m 11.7605 m 0.0000 m
nav rotation: 0.0000 0.0000 136.2621 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.927895 long:26.369621 satellites:4 height:352.3m hdop:14.9 vdop:8.2m hacc:23.0m vacc:7.0 flags:G3 'stand alone 3D solution'
north:5197344.192 m east:452010.722 m zone:35T
Initial pre position (3:outdoor)
-0.723 0.691 0.000 70.027
-0.691 -0.723 0.000 -39.077
0.000 0.000 1.000 10.516
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



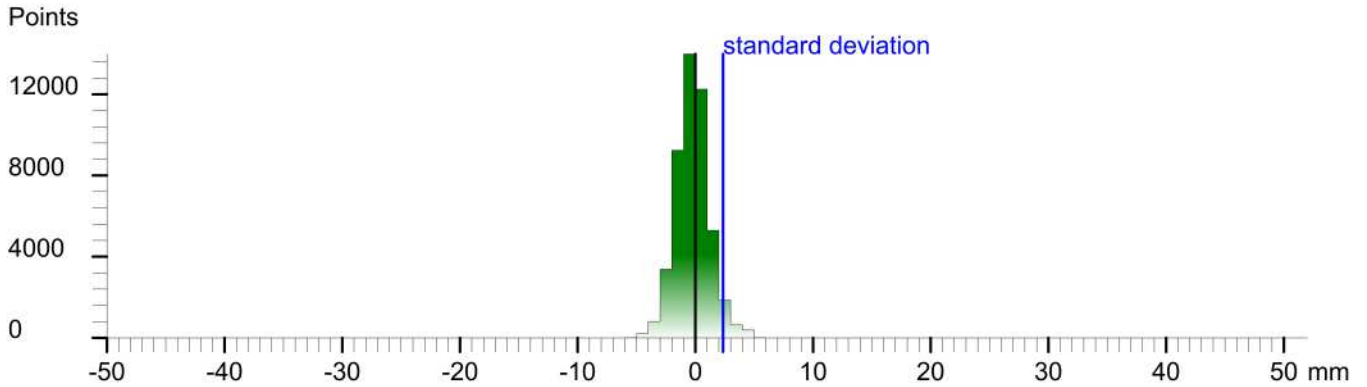
# Scan position '130'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

-0.656066	0.754702	0.002019	23.9656 m
-0.754705	-0.656062	-0.002242	-38.5204 m
-0.000368	-0.002994	0.999996	12.5255 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.3 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.130'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "ZFSensor 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.130" -scanpos "130" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams focal-resolution h -quality default -from "0" -to "181" -interval "20" -max1 "340"
Sensor
sensors: 3096 " barometer translation rotation"
Barometer: 0.966885 bar 393.343 m
nav translation: 1.4057 m -2.9126 m 393.8196 m accuracies: 6.7544 m 6.7544 m 0.0000 m
nav rotation: 0.0000 0.0000 112.1912 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (3:outdoor)
-0.378 0.926 0.000 110.236
-0.926 -0.378 0.000 -40.136
0.000 0.000 1.000 -18.626
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '131'

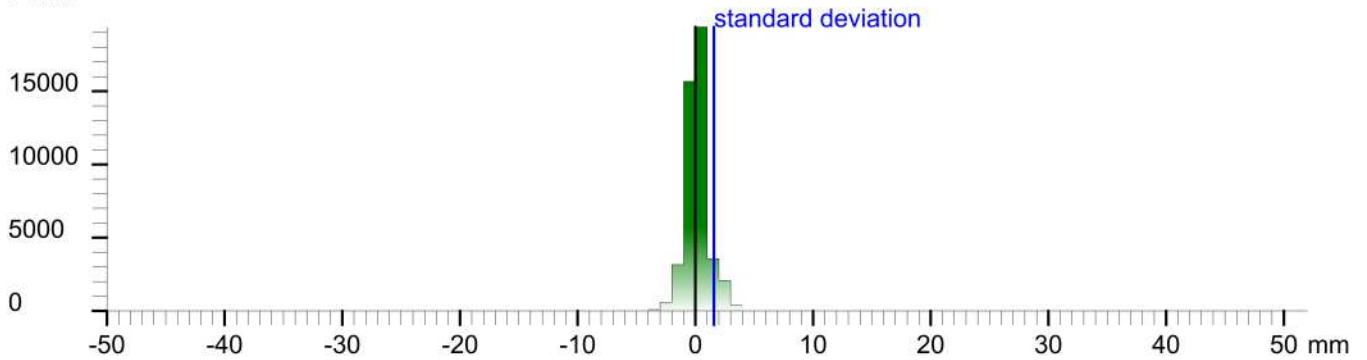
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

-0.731460	-0.681886	0.000684	22.6371 m
0.681883	-0.731459	-0.002506	-36.2424 m
0.002208	-0.001367	0.999997	12.5316 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.6 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.131'

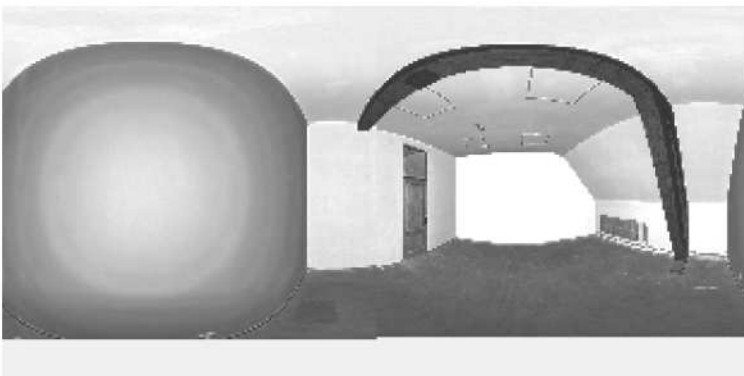
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 --memorize 1 -file "Muz.Ist.Neamt Sc.131" --scanpos "131" --path "Muzul de Istorie Neamt" --project "Muzul de Istorie Neamt" --projectTemplate "" --nav -temperature "20" --camera "1-cam" --panoramaparams focal-resolution h -quality default -shom "0" -ho "181" -shom1 "20" -ho1 "240"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.967016 bar 392.213 m  
nav translation: -1.1225 m -0.2117 m 392.7221 m accuracies: 5.6761 m 5.6761 m 0.0000 m  
nav rotation: 0.0000 0.0000 221.2359 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.752 -0.659 0.000 109.113  
0.659 -0.752 0.000 -40.348  
0.000 0.000 1.000 -19.724  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header





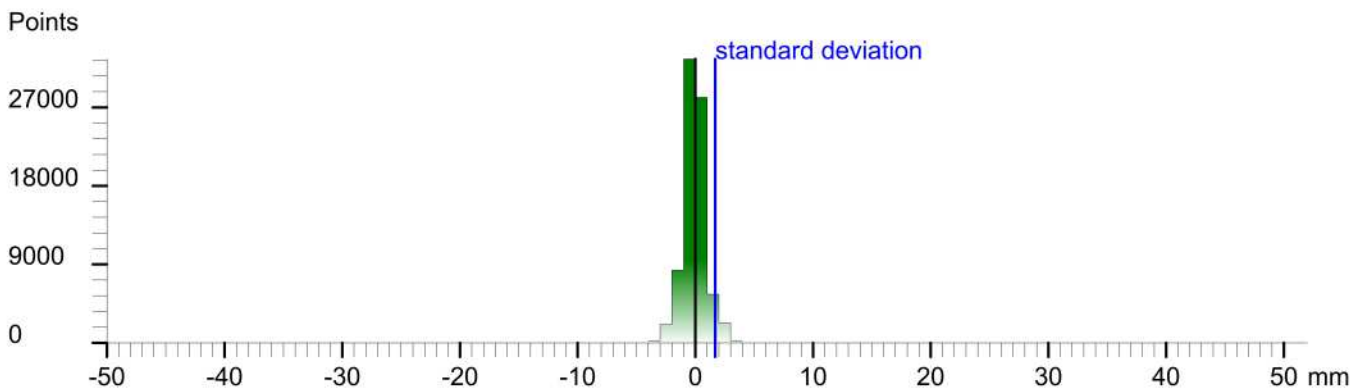
# Scan position '133'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.901483	-0.432815	0.001472	29.9911 m
0.432817	0.901483	-0.000975	-36.3522 m
-0.000904	0.001516	0.999999	12.5050 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.7 mm

## Deviation histogram



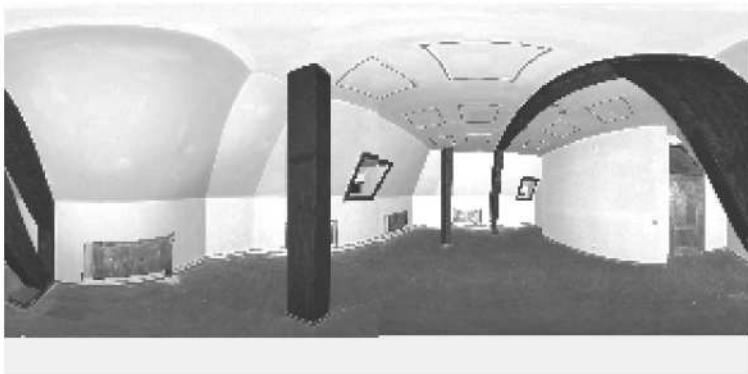
## Scan 'Muz.Ist.Neamt Sc.133'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.133" -scanpos "133" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams focal-resolution h -quality default -from "0" -to "181" -interval "20" -fov "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.967196 bar 390.653 m
nav translation: 1.7245 m 0.7668 m 390.7621 m accuracies: 6.0657 m 6.0657 m 0.0001 m
nav rotation: 0.0000 0.0000 339.1512 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.927879 long:26.369120 satellites:3 height:332.7m hdop:8.1 vdop:1.0m haacc:9.2m vacc:23.4 flags:G2'stand alone 2D solution'
north:5197342.804 m east:451972.520 m zone:35T
Initial pre position (0:indoor)
0.935 -0.356 0.000 114.560
0.356 0.935 0.000 -39.626
0.000 0.000 1.000 -21.684
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



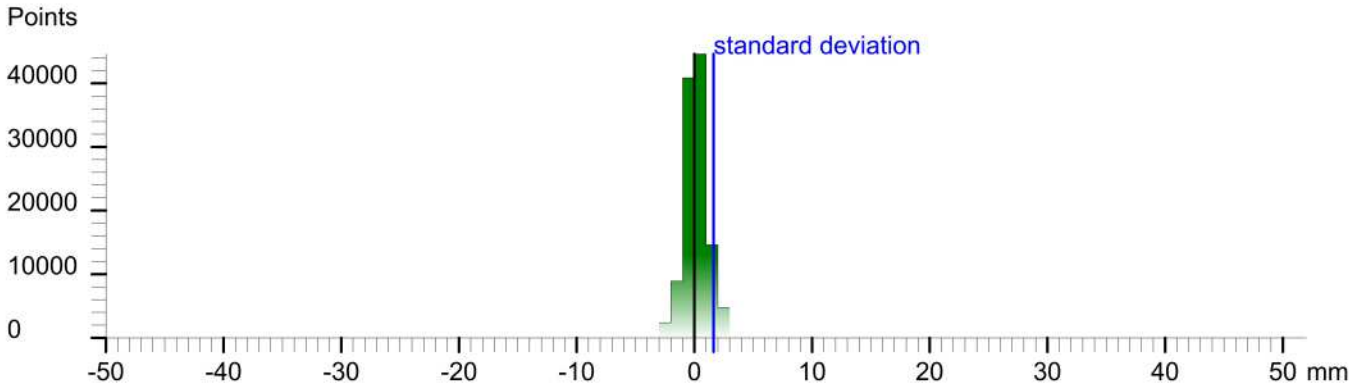
# Scan position '134'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.861568	0.507640	0.002195	31.1551 m
-0.507638	0.861571	-0.001425	-38.8792 m
-0.002614	0.000114	0.999997	12.4873 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.6 mm

## Deviation histogram



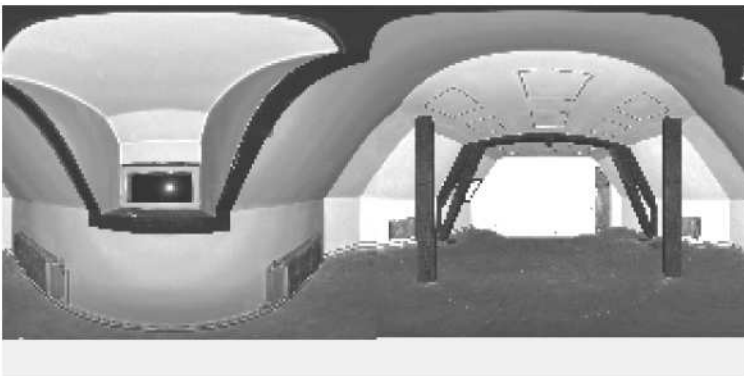
## Scan 'Muz.Ist.Neamt Sc.134'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.134" -scanpos "134" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams focal-resolution h -quality default -shom "0" -hs "181" -hstrom "20" -hsl "240"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.967270 bar 390.017 m
nav translation: 1.5259 m -0.1263 m 389.9811 m accuracies: 5.8683 m 5.8683 m 0.0000 m
nav rotation: 0.0000 0.0000 38.2885 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.927746 long:26.369553 satellites:3 height:351.5m hdop:21.0 vdop:1.0m hacc:20.4m vacc:10.4 flags:G2 'stand alone 2D solution'
north:5197327.702 m east:452005.361 m zone:35T
Initial pre position (3:outdoor)
0.785 0.620 0.000 116.086
-0.620 0.785 0.000 -39.752
0.000 0.000 1.000 -22.465
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



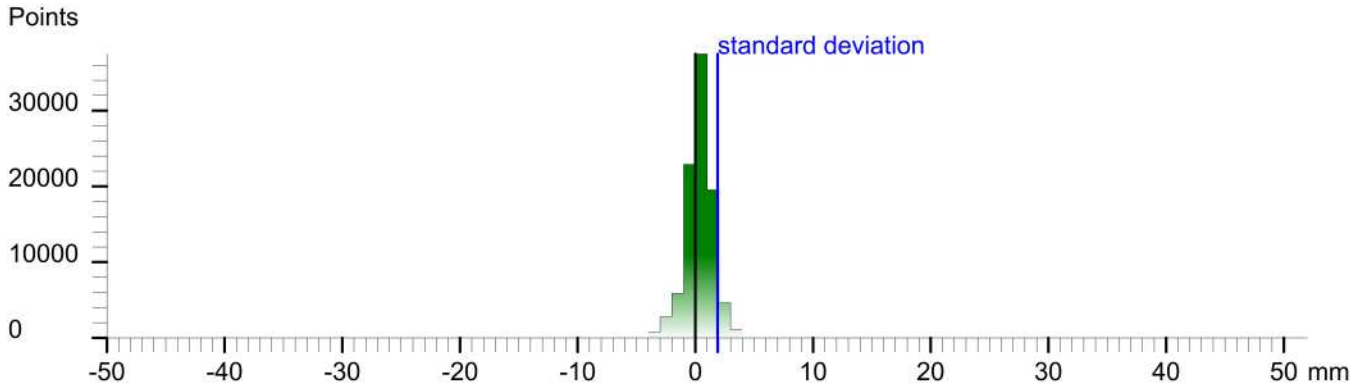
# Scan position '135'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

-0.768548	0.639789	0.002280	26.4267 m
-0.639794	-0.768546	-0.002079	-39.5436 m
0.000422	-0.003056	0.999996	12.5027 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.9 mm

## Deviation histogram



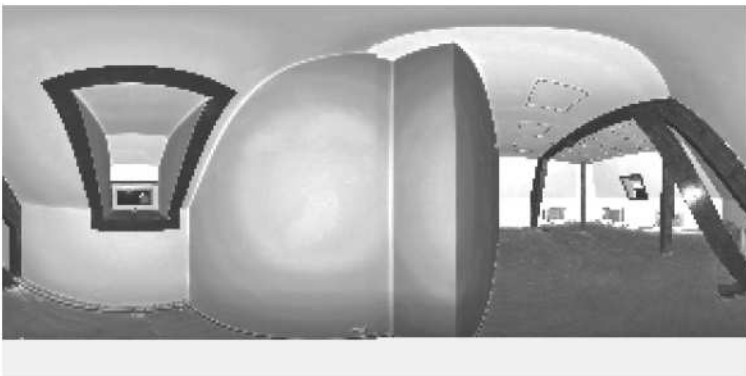
## Scan 'Muz.Ist.Neamt Sc.135'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "Z+F IMAGER 5016" -memorize 1 -file "Muz.Ist.Neamt Sc.135" -scanpos "135" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams focal-resolution h -quality default -from "0" -to "181" -interval "20" -fov "240"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.967457 bar 388.402 m
nav translation: -0.3852 m -2.8499 m 389.2365 m accuracies: 6.5491 m 6.5491 m 0.0000 m
nav rotation: 0.0000 0.0000 153.2579 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.927750 long:26.369474 satellites:4 height:340.7m hdop:2.5 vdop:8.0m hacc:24.0m vacc:5.4 flags:G3 'stand alone 3D solution'
north:5197328.174 m east:451999.411 m zone:35T
Initial pre position (3:outdoor)
-0.893 0.450 0.000 115.701
-0.450 -0.893 0.000 -42.602
0.000 0.000 1.000 -23.209
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header





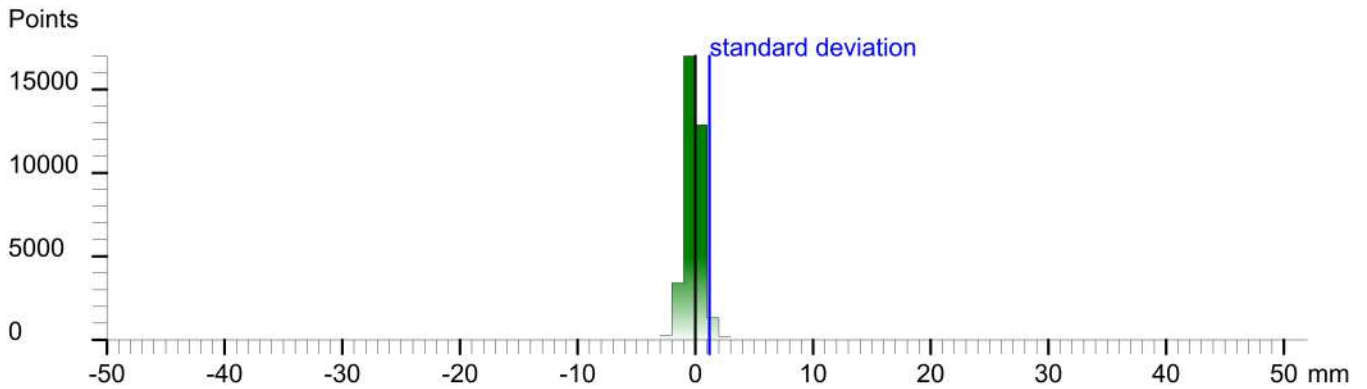
# Scan position '136'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.767432 -0.641131 0.000363 16.2813 m  
0.641130 -0.767432 -0.001780 -30.3470 m  
0.001420 -0.001134 0.999999 12.6275 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.2 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.136'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.136" -scanset "136" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -roll "340"  
Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.967612 bar 387.061 m  
nav translation: -16.9256 m -5.4901 m 387.4507 m accuracies: 14.2277 m 14.2277 m 0.0000 m  
nav rotation: 0.0000 0.0000 213.3633 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.835 -0.550 0.000 98.775  
0.550 -0.835 0.000 -48.092  
0.000 0.000 1.000 -24.995  
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



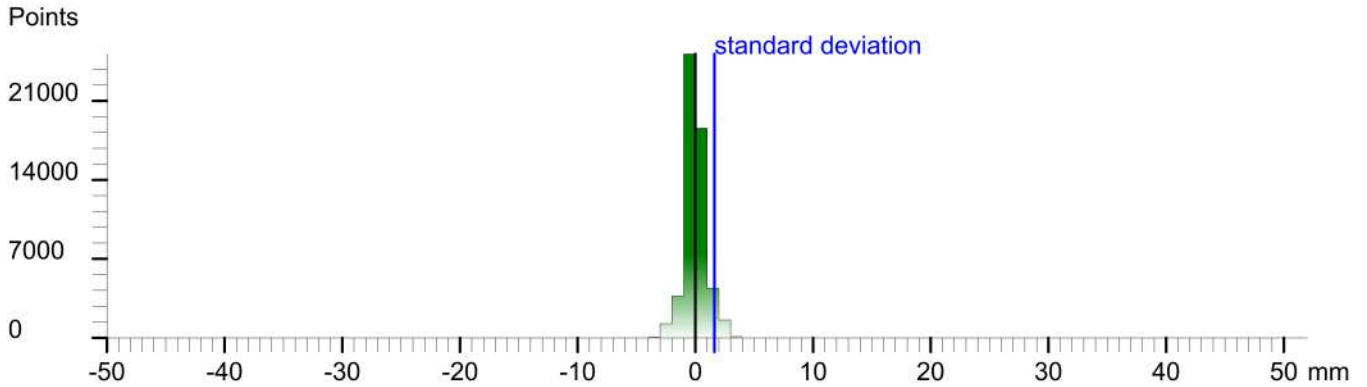
# Scan position '137'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.969174 -0.246381 0.000248 13.8229 m  
0.246380 -0.969174 -0.001354 -28.7965 m  
0.000573 -0.001251 1.000000 12.6403 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.6 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.137'

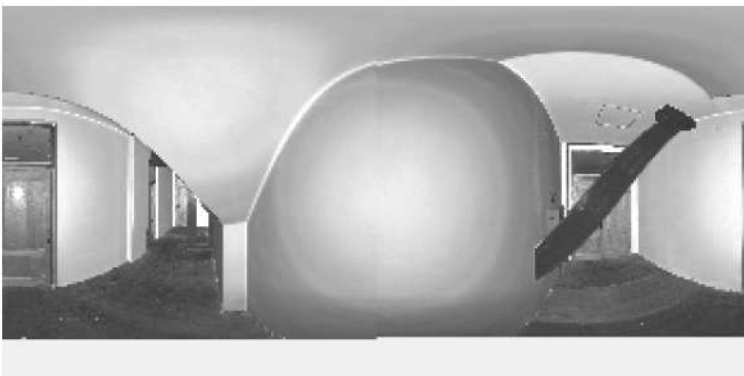
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "ZRCSensor 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.137" -scanpos "137" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -max "240"
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.967669 bar 386.57 m  
nav translation: -1.8702 m -0.4420 m 386.2244 m accuracies: 6.0814 m 6.0814 m 0.0000 m  
nav rotation: 0.0000 0.0000 182.0524 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.999 -0.036 0.000 96.905  
0.036 -0.999 0.000 -48.534  
0.000 0.000 1.000 -26.221  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '138'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

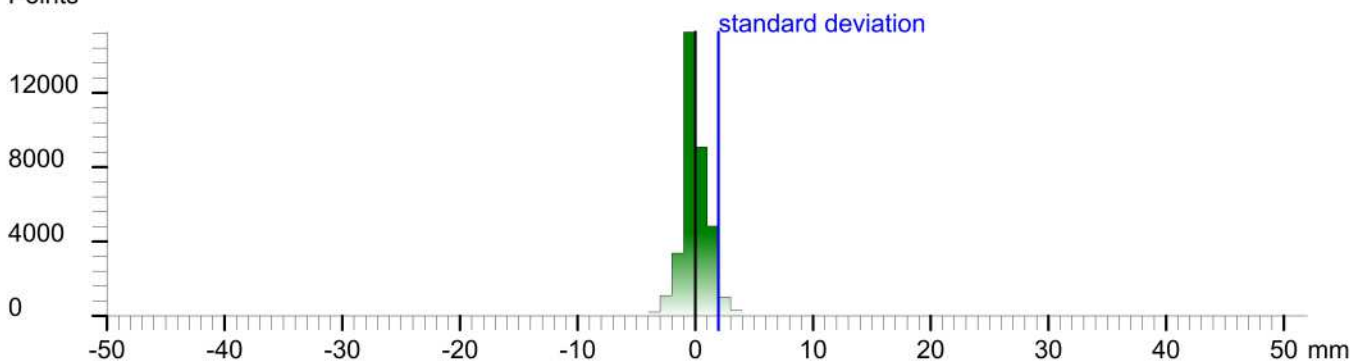
Registration matrix:

-0.779059	0.626951	0.000834	13.0833 m
-0.626952	-0.779058	-0.001521	-30.4040 m
-0.000304	-0.001707	0.999999	12.6222 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.0 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.138'

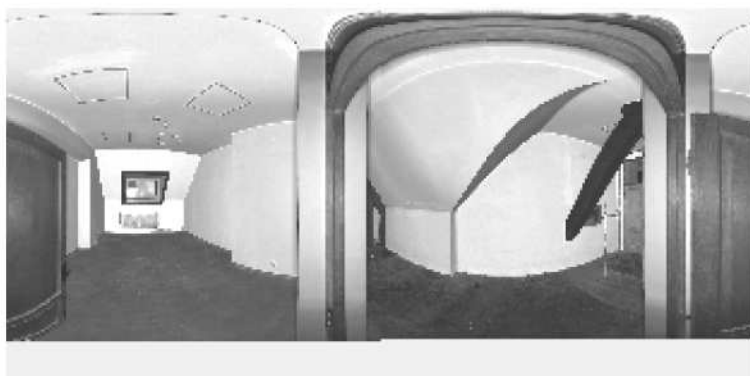
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.138" -scanpos "138" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h-quality default -from "0" -to "181" -interval "20" -max1 "340"
Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.967822 bar 385.24 m
nav translation: -0.1809 m -1.0876 m 386.2023 m accuracies: 5.6638 m 5.6638 m 0.0001 m
nav rotation: 0.0000 0.0000 122.9267 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.544 0.839 0.000 96.724
-0.839 -0.544 0.000 -49.622
0.000 0.000 1.000 -26.243
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



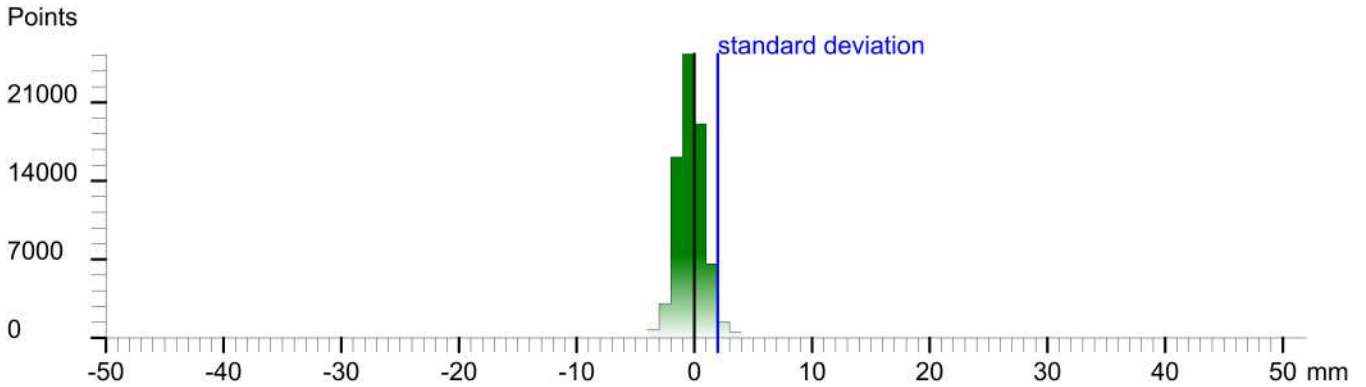
# Scan position '139'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.636346  0.771405  0.000370  11.4282 m  
-0.771405 -0.636344 -0.001680 -32.9577 m  
-0.001060 -0.001354  0.999999  12.6067 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:2.0 mm

## Deviation histogram



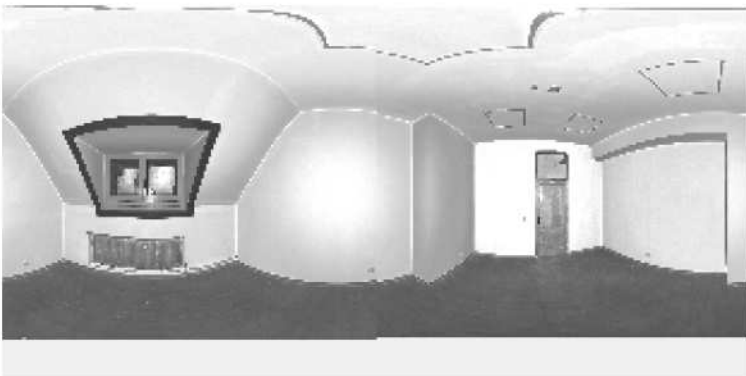
## Scan 'Muz.Ist.Neamt Sc.139'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.139" -scanpos "139" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "zcam" -panoramaparams focal-resolution h -quality default -chrom "0" -hs "181" -ibroni "20" -hsi1 "340"  
Sensor  
sensors: 3100 " barometer translation rotation gps"  
Barometer: 0.967956 bar 384.09 m  
nav translation: 0.1197 m -2.3696 m 384.6472 m accuracies: 6.3064 m 6.3064 m 0.0001 m  
nav rotation: 0.0000 0.0000 116.2962 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:46.927856 long:26.369282 satellites:4 height:334.9m hdop:4.4 vdop:7.1m hacc:22.0m vacc:23.0 flags:G3 'stand alone 3D solution'  
north:5197340.161 m east:451984.842 m zone:35T  
Initial pre position (3:outdoor)  
-0.443 0.897 0.000 96.844  
-0.897 -0.443 0.000 -51.992  
0.000 0.000 1.000 -27.798  
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



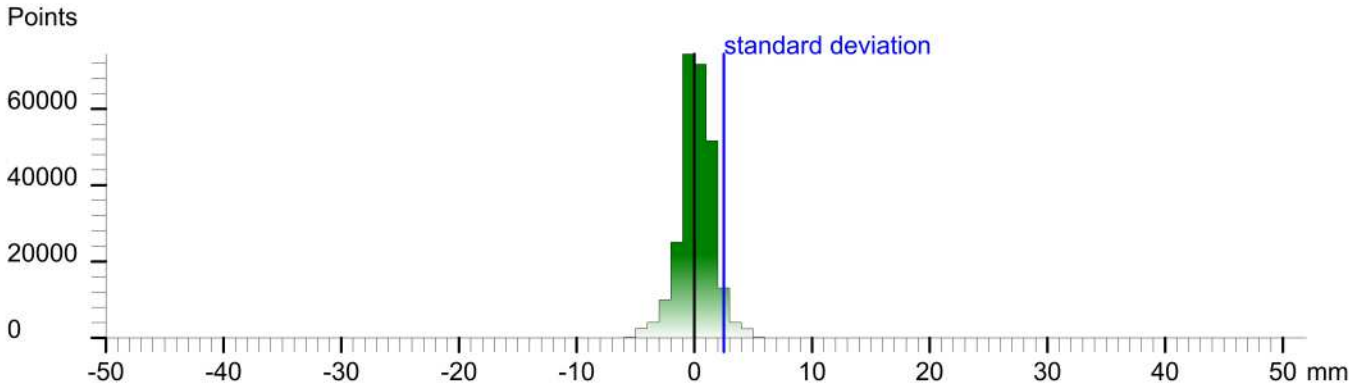
# Scan position '14'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.513295  0.858212  0.001049  34.5050 m  
-0.858212 -0.513292 -0.001813 -29.3294 m  
-0.001017 -0.001830 0.999998  0.3106 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation: 2.5 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.14'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "ZCSense 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.14" -scanspos "14" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projedTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -ffrom "0" -to "181" -fitfrom "20" -fit "340"  
Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.963287 bar 424.504 m  
nav translation: 1.1830 m -5.6124 m 424.3874 m accuracies: 8.0171 m 8.0171 m 0.0000 m  
nav rotation: 0.0000 0.0000 118.9830 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (3:outdoor)  
-0.485 0.875 0.000 71.210  
-0.875 -0.485 0.000 -44.689  
0.000 0.000 1.000 11.942  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '140'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

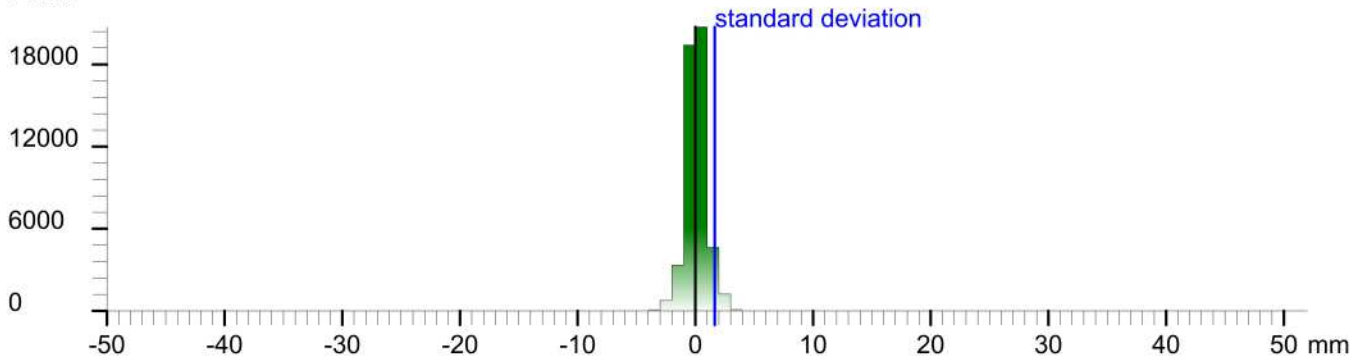
Registration matrix:

```
-0.993544 0.113461 0.000393 10.4180 m
-0.113462 -0.993543 -0.001238 -28.2996 m
0.000250 -0.001275 1.000000 12.6234 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.6 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.140'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.140" -scanpos "140" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -roll "240"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.968066 bar 383.132 m
nav translation: -2.6020 m -2.8576 m 363.7693 m accuracies: 7.0767 m 7.0767 m 0.0001 m
nav rotation: 0.0000 0.0000 176.0685 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.927757 long:26.369225 satellites:3 height:349.4m hdop:3.8 vdop:1.0m haacc:8.4m vacc:3.4 flags:G2 'stand alone 2D solution'
north:5197329.175 m east:451980.397 m zone:35T
Initial pre position (0:indoor)
-0.998 0.069 0.000 94.242
-0.069 -0.998 0.000 -54.849
0.000 0.000 1.000 -28.676
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '141'

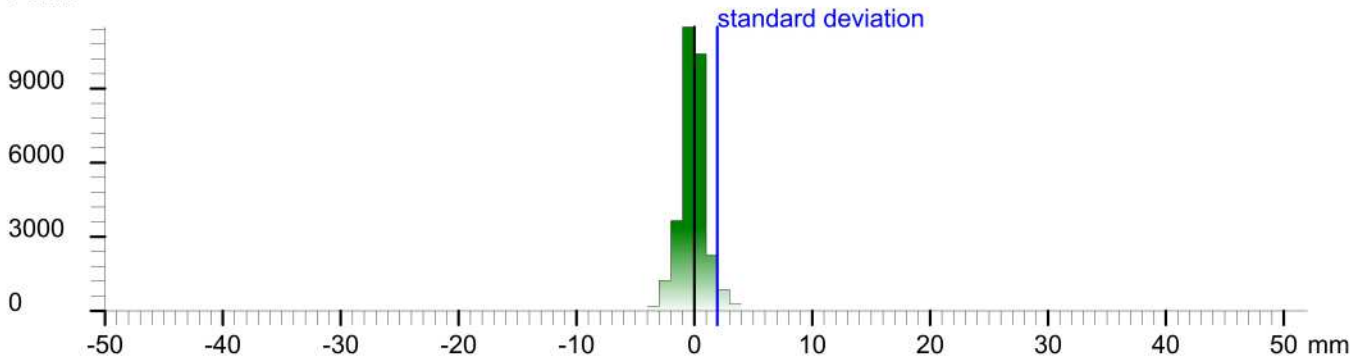
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.948436  0.316970  0.001189  10.0451 m  
-0.316972 -0.948436 -0.001221 -29.4136 m  
0.000740 -0.001535  0.999999  12.6038 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation: 1.9 mm

## Deviation histogram

Points



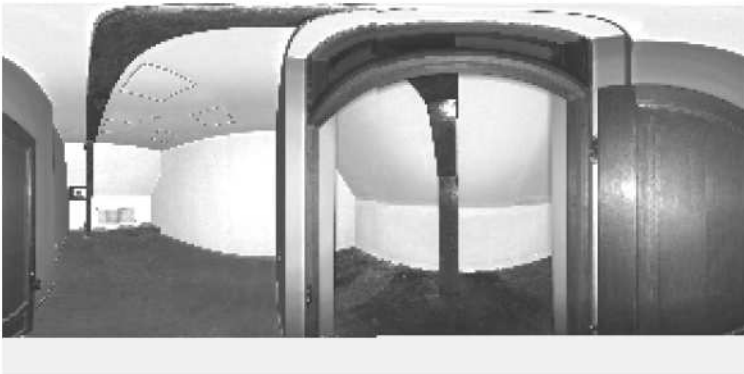
## Scan 'Muz.Ist.Neamt Sc.141'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 5016" -memorize 1 -file "Muz.Ist.Neamt Sc.141" -scanpos "141" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "icam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -fov "340"  
Sensor  
sensors: 3100 " barometer translation rotation gps"  
Barometer: 0.968202 bar 381.963 m  
nav translation: -1.2075 m -1.0734 m 382.5531 m accuracies: 5.9192 m 5.9192 m 0.0000 m  
nav rotation: 0.0000 0.0000 147.7687 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:46.927792 long:26.369219 satellites:3 height:348.2m hdop:3.7 vdop:1.0m haacc:6.8m vacc:6.4 flags:G2 'stand alone 2D solution'  
north:5197332.993 m east:451979.992 m zone:35T  
Initial pre position (0:indoor)  
-0.846 0.533 0.000 93.034  
-0.533 -0.846 0.000 -55.923  
0.000 0.000 1.000 -29.893  
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '142'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

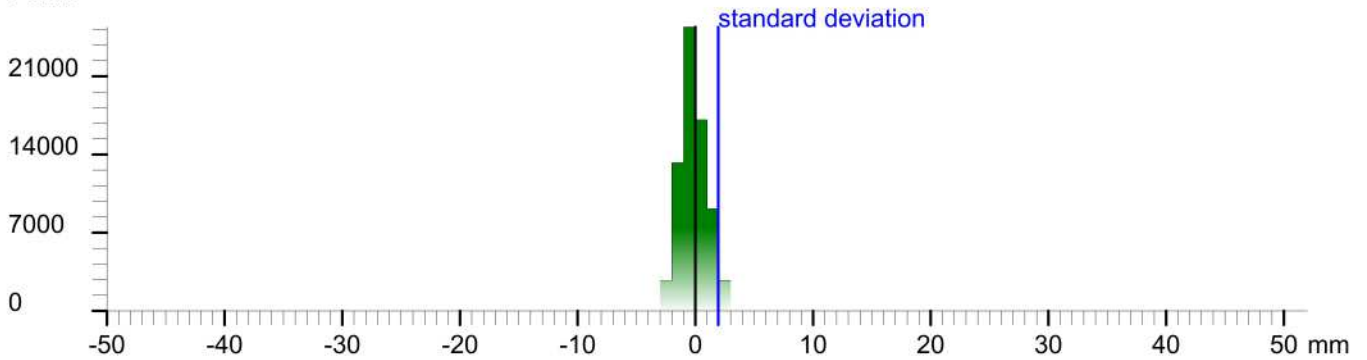
Registration matrix:

```
-1.000000 -0.001220 0.000968 7.2478 m
0.001218 -1.000000 -0.001019 -32.4540 m
0.000968 -0.001018 1.000000 12.6164 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.9 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.142'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.142" -scanpos "142" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "l-cam" -panoramaparams focal-resolution h -quality default -chrom "0" -hs "181" -ibron1 "20" -hs1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.968256 bar 381.498 m
nav translation: -2.2591 m -1.8501 m 381.2522 m accuracies: 6.5811 m 6.5811 m 0.0001 m
nav rotation: 0.0000 0.0000 160.3758 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.928055 long:26.369703 satellites:3 height:347.6m hdop:5.0 vdop:1.0m hacc:23.8m vacc:21.4 flags:G2 'stand alone 2D solution'
north:5197361.946 m east:452017.108 m zone:35T
Initial pre position (3:outdoor)
-0.942 0.336 0.000 90.775
-0.336 -0.942 0.000 -57.773
0.000 0.000 1.000 -31.193
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header





# Scan position '143'

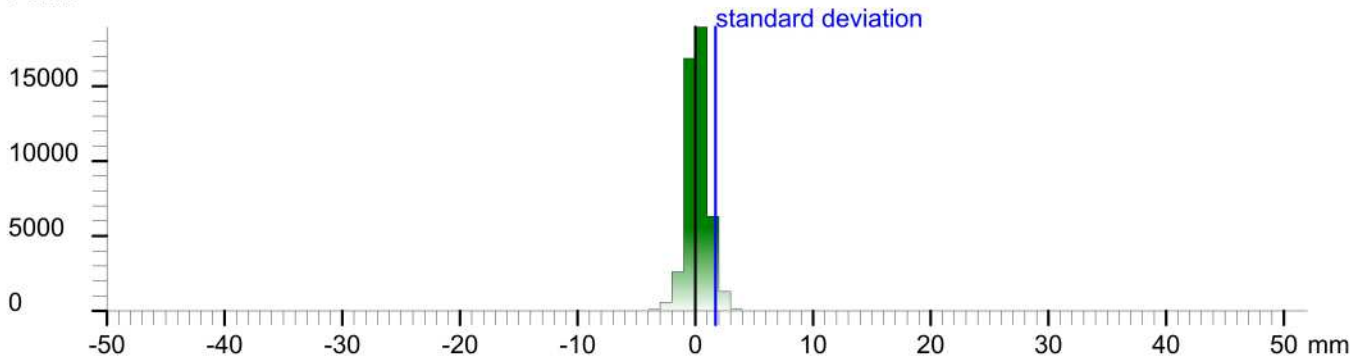
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.790397 -0.612597 -0.000242 7.7369 m  
0.612597 -0.790397 -0.001198 -27.4511 m  
0.000542 -0.001095 1.000000 12.5647 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.7 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.143'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 5016" -memorize 1 -file "Muz.Ist.Neamt Sc.143" -scanpos "143" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -fov "240"  
Sensor  
sensors: 3100 " barometer translation rotation gps"  
Barometer: 0.968554 bar 378.923 m  
nav translation: -2.6559 m -0.0780 m 379.6327 m accuracies: 6.4415 m 6.4415 m 0.0001 m  
nav rotation: 0.0000 0.0000 208.8992 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:46.927872 long:26.369205 satellites:3 height:355.9m hdop:4.4 vdop:1.0m haacc:9.2m vacc:13.4 flags:G2'stand alone 2D solution'  
north:5197341.903 m east:451979.047 m zone:35T  
Initial pre position (0:indoor)  
-0.875 -0.483 0.000 88.119  
0.483 -0.875 0.000 -57.851  
0.000 0.000 1.000 -32.813  
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



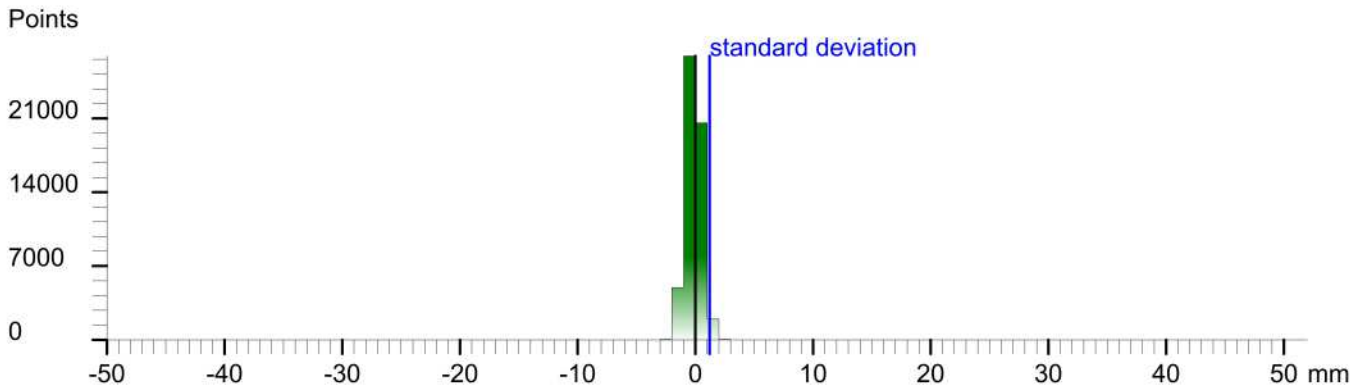
# Scan position '144'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.727561 -0.686045 -0.000252 6.6832 m  
0.686045 -0.727561 -0.001121 -27.3568 m  
0.000585 -0.000989 1.000000 12.5472 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.2 mm

## Deviation histogram



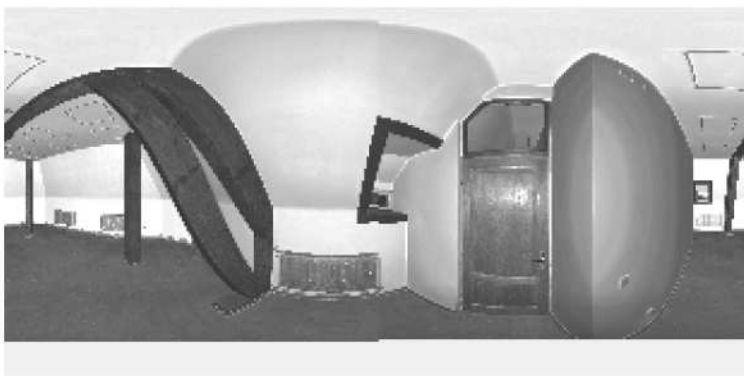
## Scan 'Muz.Ist.Neamt Sc.144'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: c:\1_RCSense 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.144" -scanpos "144" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1cam" -panoramaparams focal-resolution h -quality default -shom "0" -hs "181" -ibrom1 "20" -hs1 "340"  
Sensor  
sensors: 3100 * barometer translation rotation gps*  
Barometer: 0.968720 bar 377.49 m  
nav translation: -0.3188 m -2.7562 m 378.2133 m accuracies: 6.5394 m 6.5394 m 0.0001 m  
nav rotation: 0.0000 0.0000 231.2977 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:46.927803 long:26.369280 satellites:3 height:340.6m hdop:1.4 vdop:1.0m hacc:10.4m vacc:1.2 flags:G2'stand alone 2D solution'  
north:5197334.228 m east:451984.649 m zone:35T  
Initial pre position (0:indoor)  
-0.625 -0.780 0.000 87.800  
0.780 -0.625 0.000 -60.609  
0.000 0.000 1.000 -34.232  
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



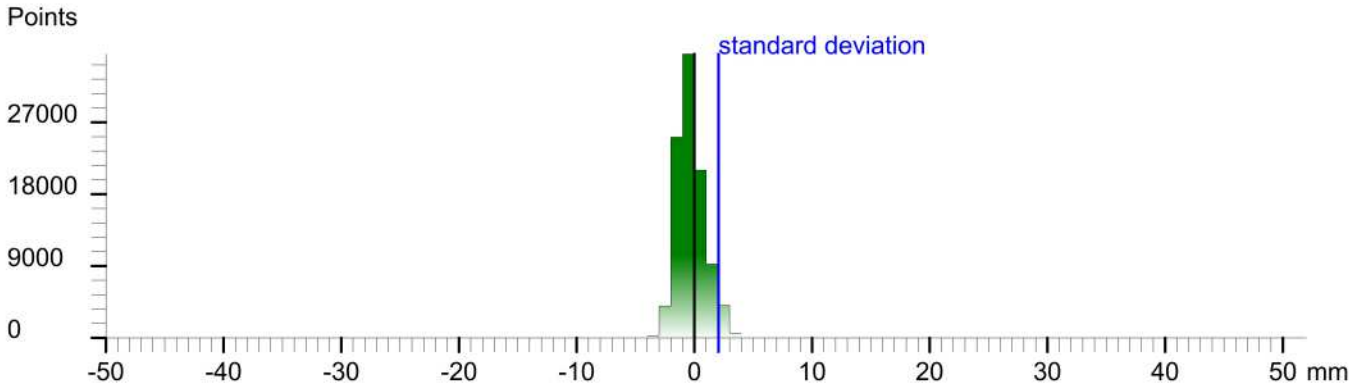
# Scan position '145'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.952993 -0.302995 -0.000057 2.9404 m  
0.302995 -0.952993 -0.001346 -27.9765 m  
0.000352 -0.001300 1.000000 12.5651 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.0 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.145'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 5016" -memorize 1 -file "Muz.Ist.Neamt Sc.145" -scanpos "145" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast -resolution h -quality default -from "0" -to "181" -interval "20" -roll "340"  
Sensor  
sensors: 3100 " barometer translation rotation gps"  
Barometer: 0.968836 bar 376.485 m  
nav translation: -0.7041 m -0.1278 m 376.8591 m accuracies: 5.4610 m 5.4610 m 0.0001 m  
nav rotation: 0.0000 0.0000 194.1251 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:46.927814 long:26.369192 satellites:3 height:353.9m hdop:3.9 vdop:1.0m hacc:23.0m vacc:13.0 flags:G2 'stand alone 2D solution'  
north:5197335.553 m east:451977.980 m zone:35T  
Initial pre position (0:indoor)  
-0.970 -0.244 0.000 87.096  
0.244 -0.970 0.000 -60.737  
0.000 0.000 1.000 -35.567  
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



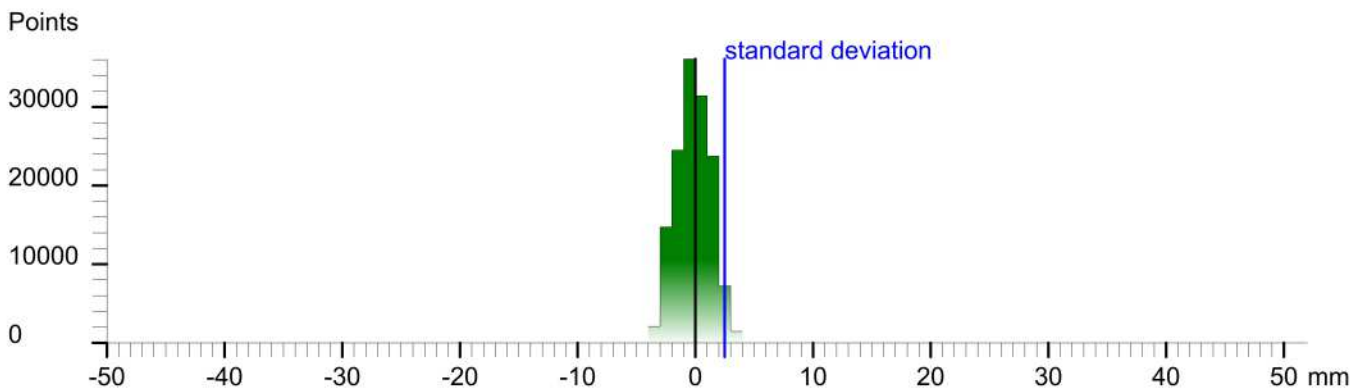
# Scan position '146'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
0.960775 0.277326 0.001536 25.9461 m  
-0.277327 0.960776 0.001033 -9.2021 m  
-0.001188 -0.001419 0.999999 12.5659 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 2.5 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.146'

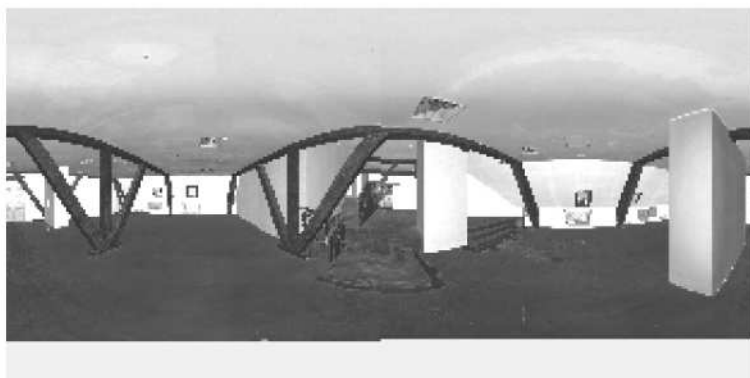
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 5016" -memorize 1 -file "Muz.Ist.Neamt Sc.146" -scanpos "146" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -fov "240"
```

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.969022 bar 374.882 m  
nav translation: 37.0698 m 18.6755 m 375.3904 m accuracies: 26.1454 m 26.1454 m 0.0000 m  
nav rotation: 0.0000 0.0000 13.8157 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.971 0.239 0.000 124.166  
-0.239 0.971 0.000 -42.061  
0.000 0.000 1.000 -37.055  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '147'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

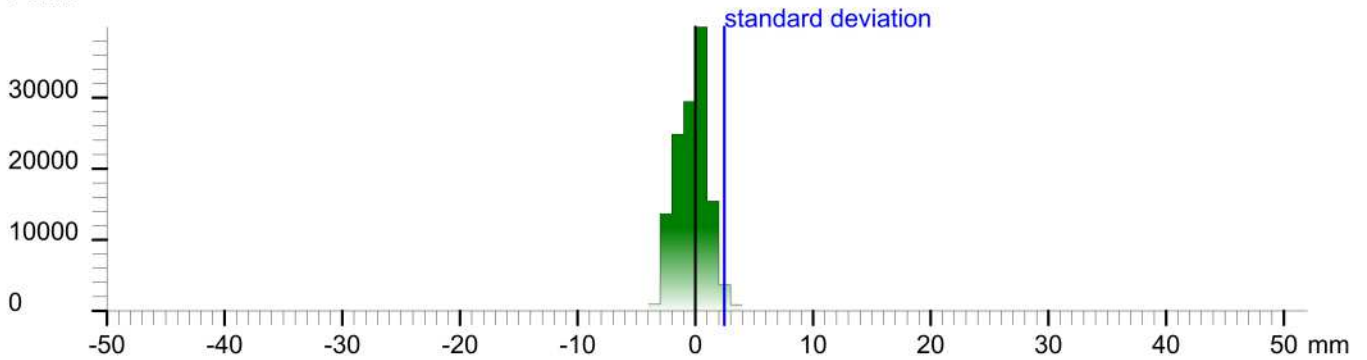
Registration matrix:

```
-0.316630 -0.948549 0.000934 22.8963 m
0.948550 -0.316630 0.000567 -3.2495 m
-0.000242 0.001065 1.000000 12.5719 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.5 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.147'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: c:\1_RCSense 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.147" -scanpos "147" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -fov "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.969192 bar 373.417 m
nav translation: -4.9317 m 2.8478 m 373.8512 m accuracies: 8.0047 m 8.0047 m 0.0001 m
nav rotation: 0.0000 0.0000 249.4994 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.927975 long:26.369396 satellites:3 height:354.2m hdop:7.3 vdop:1.0m hacc:11.4m vacc:17.0 flags:G2 'stand alone 2D solution'
north:5197353.232 m east:451993.659 m zone:35T
Initial pre position (0:indoor)
-0.350 -0.937 0.000 119.234
0.937 -0.350 0.000 -39.214
0.000 0.000 1.000 -38.594
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '148'

Scan position is member of group(s):

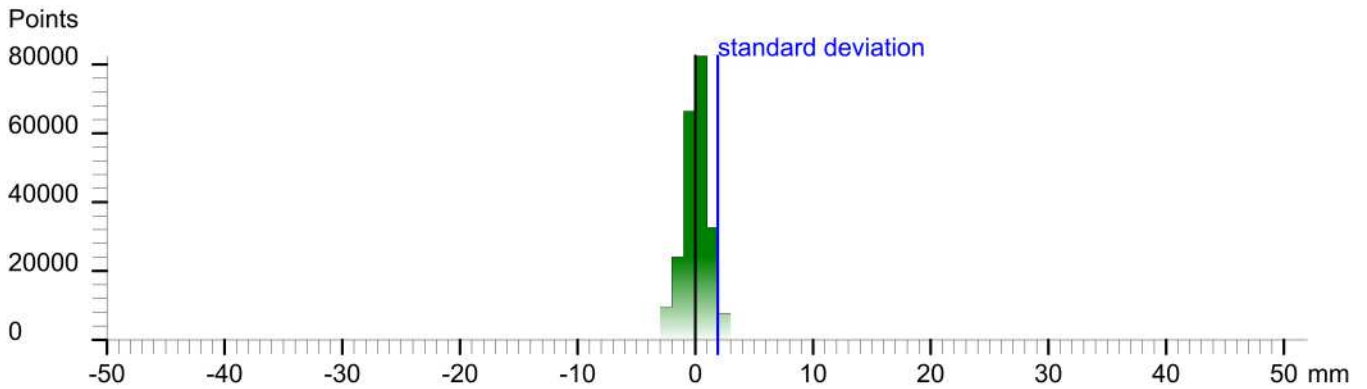
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

0.894916	0.446228	0.002536	34.1063 m
-0.446231	0.894919	0.000776	-7.9673 m
-0.001923	-0.001826	0.999997	12.5246 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.9 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.148'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "ZRCServer 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.148" -scanpos "148" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -roll "340"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.969213 bar 373.234 m
nav translation: 8.2125 m 5.5447 m 372.9350 m accuracies: 10.1462 m 10.1462 m 0.0000 m
nav rotation: 0.0000 0.0000 18.2722 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.950 0.314 0.000 127.447
-0.314 0.950 0.000 -33.669
0.000 0.000 1.000 -39.511
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



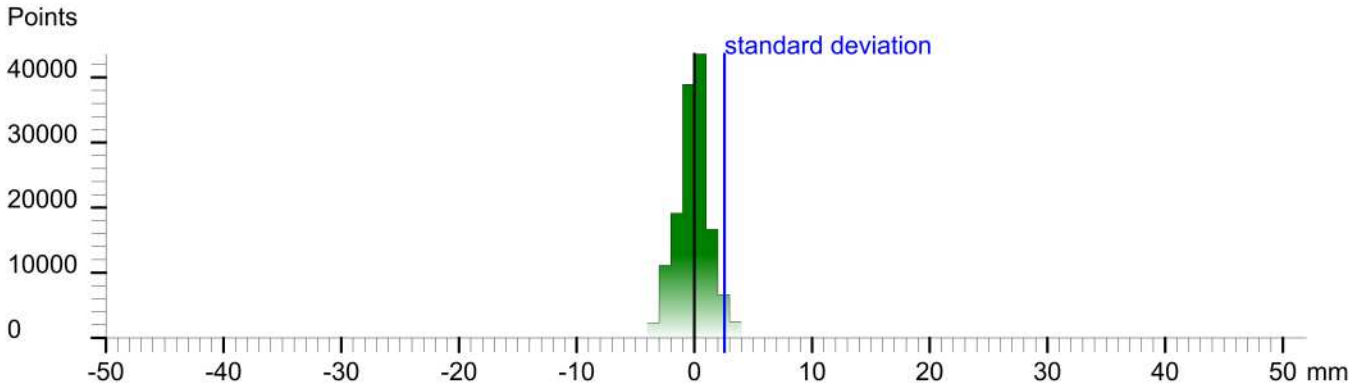
# Scan position '149'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
0.564663 -0.825321 0.001345 28.4084 m  
0.825321 0.564665 0.000971 -2.2507 m  
-0.001560 0.000561 0.999999 12.5463 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 2.6 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.149'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "ZFSense 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.149" -scanpos "149" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -max "240"  
Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.969335 bar 372.184 m  
nav translation: -7.4463 m -0.5776 m 372.3915 m accuracies: 8.9221 m 8.9221 m 0.0000 m  
nav rotation: 0.0000 0.0000 302.9217 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.543 -0.839 0.000 120.000  
0.839 0.543 0.000 -34.247  
0.000 0.000 1.000 -40.054  
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



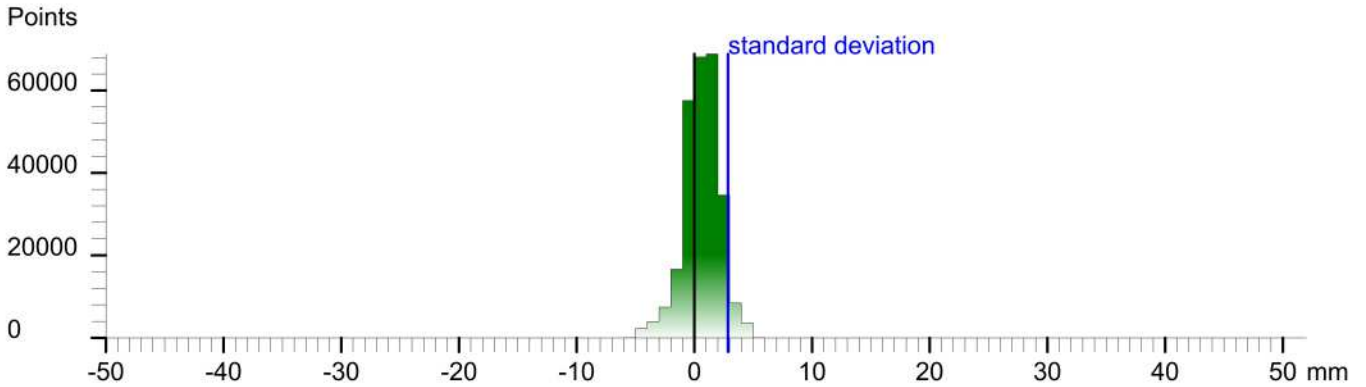
# Scan position '15'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.978179 -0.207765 0.000300 34.4076 m  
0.207763 -0.978176 -0.002472 -34.7757 m  
0.000807 -0.002355 0.999997 0.2016 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 2.9 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.15'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "RCSense 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.15" -scansize "15" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -ffrom "0" -to "181" -fitfrom "20" -fit "340"  
Sensor  
sensors: 3100 " barometer translation rotation gps"  
Barometer: 0.963138 bar 425.794 m  
nav translation: 2.7619 m -6.3025 m 424.9638 m accuracies: 8.5543 m 8.5543 m 0.0001 m  
nav rotation: 0.0000 0.0000 185.4704 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:46.927834 long:26.369576 satellites:4 height:346.9m hdop:5.7 vdop:5.1m hacc:14.0m vacc:7.9 flags:G3 'stand alone 3D solution'  
north:5197337.438 m east:452007.182 m zone:35T  
Initial pre position (0:indoor)  
-0.995 -0.995 0.000 73.972  
0.095 -0.995 0.000 -50.992  
0.000 0.000 1.000 12.518  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





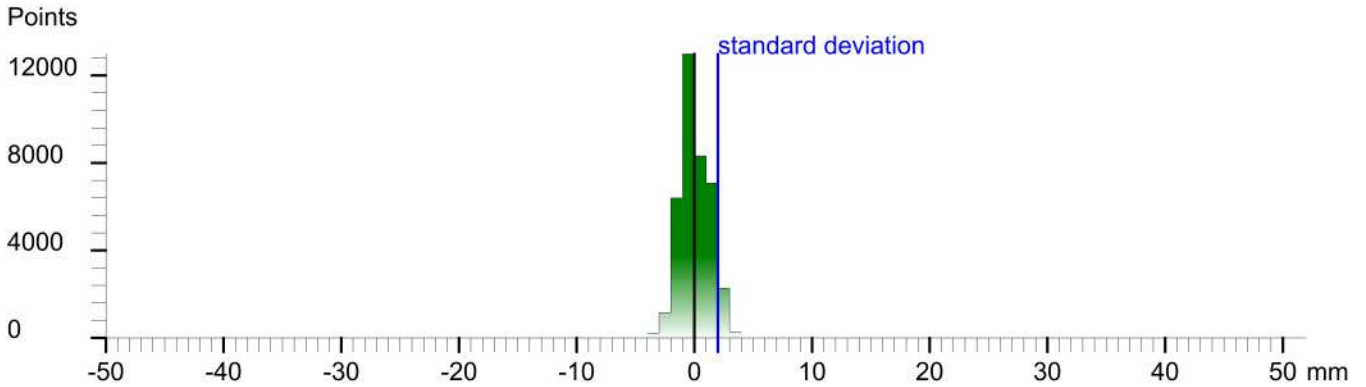
# Scan position '150'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.573827	-0.818975	0.001662	29.6242 m
0.818975	0.573829	0.001356	1.2690 m
-0.002064	0.000582	0.999998	12.5503 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.0 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.150'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: -crl "LRCServer 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.150" -scanpos "150" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "lcam" -panoramaparams fast-resolution h-quality default -from "0" -to "181" -from1 "20" -to1 "240"

### Sensor

sensors: 3096 'barometer translation rotation'  
Barometer: 0.969453 bar 371.163 m  
nav translation: 0.0495 m 2.4440 m 371.5170 m accuracies: 6.3385 m 6.3385 m 0.0001 m  
nav rotation: 0.0000 0.0000 310.4610 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
initial pre position (4:1m)  
1.000 0.000 0.000 0.000  
0.000 1.000 0.000 0.000  
0.000 0.000 1.000 0.000  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



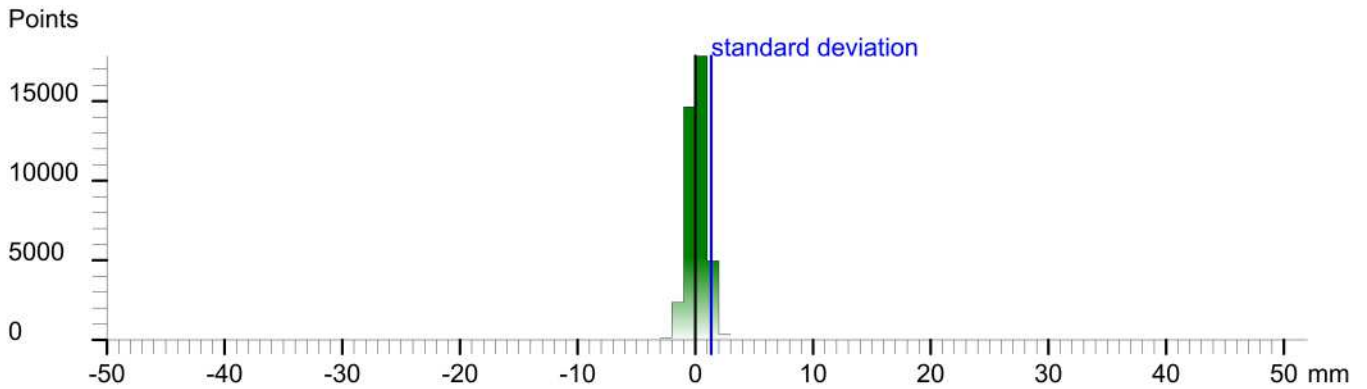
# Scan position '152'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.608617	-0.793464	0.001022	23.3407 m
0.793465	0.608617	0.000721	0.7013 m
-0.001194	0.000371	1.000000	12.5705 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.3 mm

## Deviation histogram



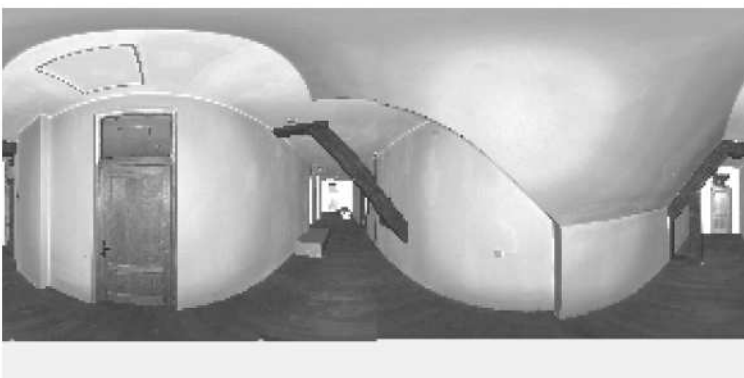
## Scan 'Muz.Ist.Neamt Sc.152'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.152" -scanpos "152" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast -resolution h -quality default -from "0" -to "181" -interval "20" -roll "340"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.969661 bar 369.369 m
nav translation: 0.0000 m 0.0000 m 370.0428 m accuracies: 5.1000 m 5.1000 m 0.0000 m
nav rotation: 0.0000 0.0000 315.1479 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.709 -0.705 0.000 120.050
0.705 0.709 0.000 -31.803
0.000 0.000 1.000 -42.403
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



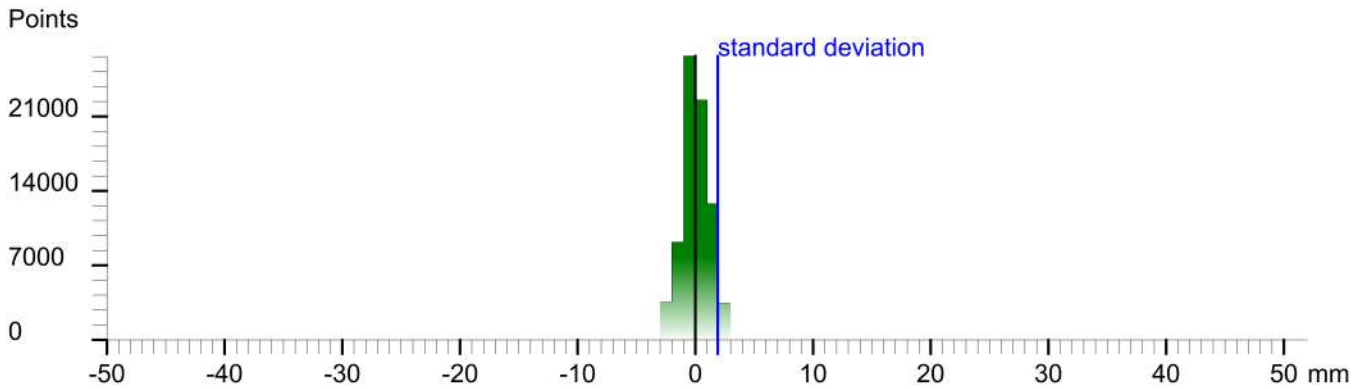
# Scan position '153'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.690434 -0.723396 0.000839 20.4017 m  
0.723396 -0.690435 0.000651 2.1722 m  
0.000108 0.001056 1.000000 12.5986 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.9 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.153'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "ZFSensor 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.153" -scanpos "153" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -roll "340"  
Sensor  
sensors: 3096 " barometer translation rotation"  
Barometer: 0.969742 bar 368.665 m  
nav translation: -0.0355 m 2.1846 m 369.0530 m accuracies: 6.2149 m 6.2149 m 0.0001 m  
nav rotation: 0.0000 0.0000 241.2591 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.481 -0.877 0.000 120.014  
0.877 -0.481 0.000 -29.618  
0.000 0.000 1.000 -43.393  
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



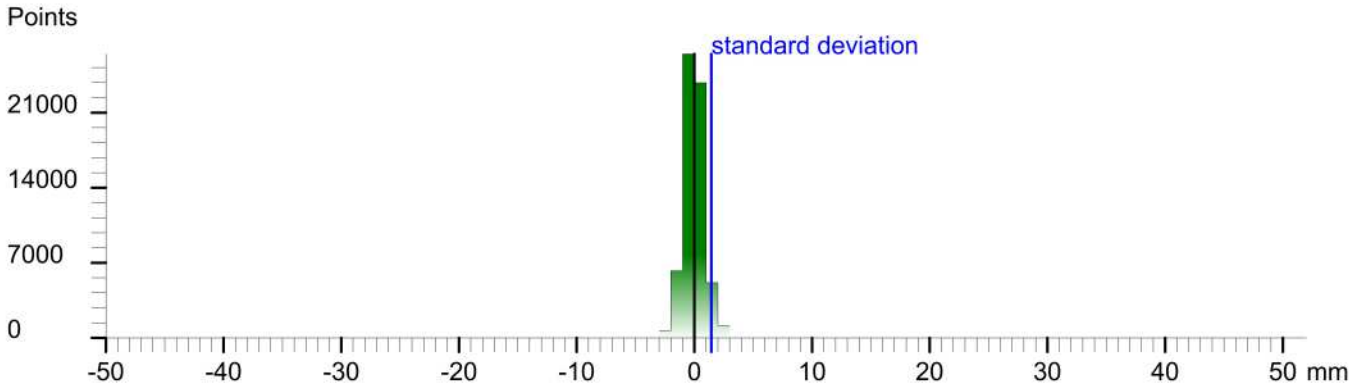
# Scan position '154'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.913420	0.407011	0.002624	33.2952 m
-0.407016	0.913421	0.001397	-1.8556 m
-0.001827	-0.002344	0.999996	12.5390 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.4 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.154'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.154" -scanpos "154" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams focal-resolution h -quality default -from "0" -to "181" -interval "20" -max "240"
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.969869 bar 367.576 m  
nav translation: 6.9777 m 2.4364 m 367.8348 m accuracies: 8.8840 m 8.8840 m 0.0000 m  
nav rotation: 0.0000 0.0000 17.6155 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.952 0.306 0.000 126.992  
-0.306 0.952 0.000 -27.182  
0.000 0.000 1.000 -44.611  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



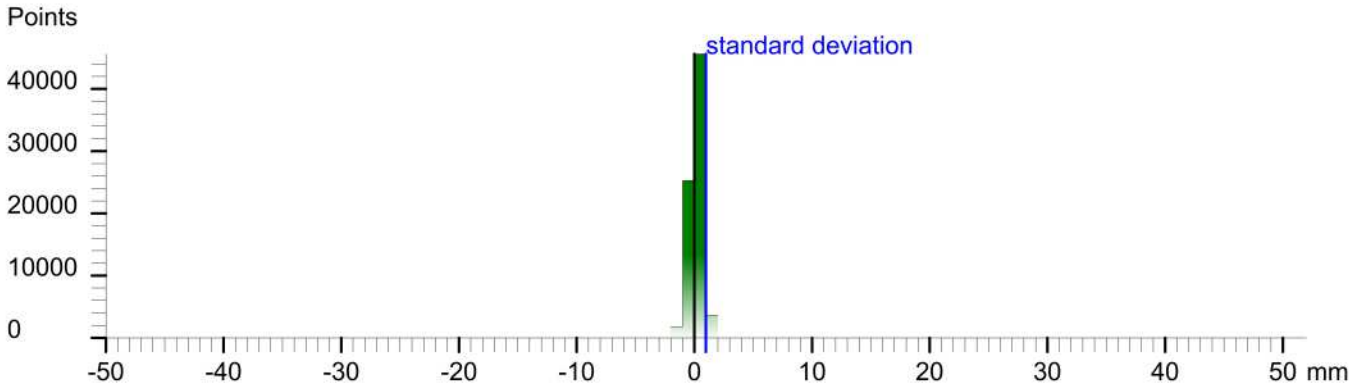
# Scan position '155'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.914416	0.404768	0.002884	34.2258 m
-0.404772	0.914419	0.001035	-2.4034 m
-0.002217	-0.002113	0.999996	12.5106 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.0 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.155'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.155" -scanpos "155" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -roll "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.969955 bar 366.831 m  
nav translation: 2.8795 m 0.3377 m 366.5988 m accuracies: 6.5912 m 6.5912 m 0.0000 m  
nav rotation: 0.0000 0.0000 15.5835 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.963 0.269 0.000 129.872  
-0.269 0.963 0.000 -26.844  
0.000 0.000 1.000 -45.847  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



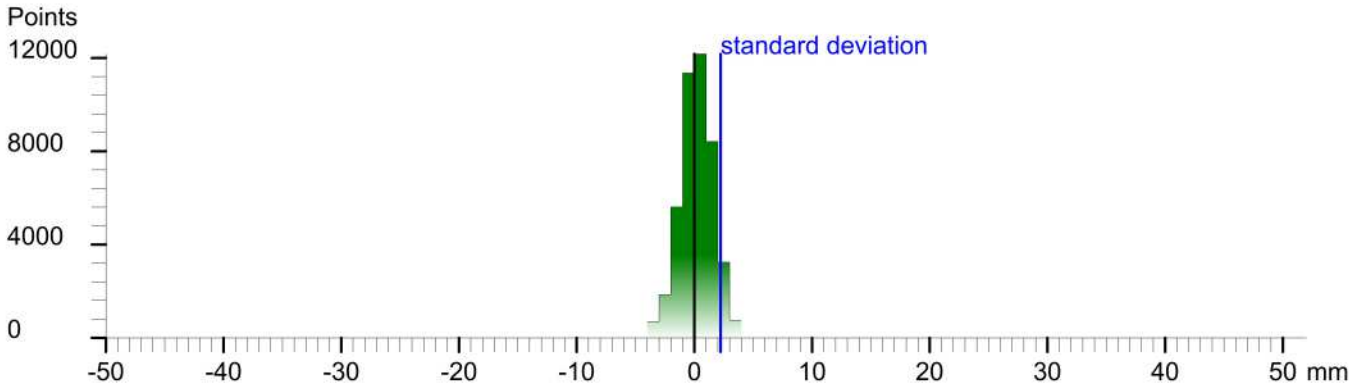
# Scan position '156'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.999945	-0.010174	0.002960	39.2425 m
0.010169	0.999948	0.001671	-4.7638 m
-0.002976	-0.001641	0.999995	12.4802 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.2 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.156'

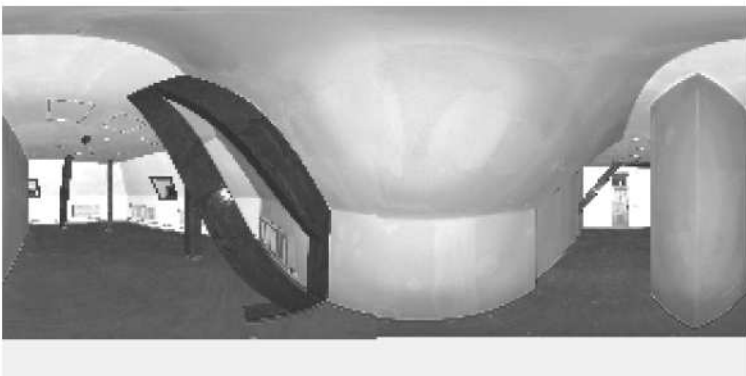
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.156" -scanpos "156" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1cam" -panoramaparams fast -resolution h -quality default -from "0" -to "181" -interval "20" -fov "240"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.970071 bar 365.831 m  
nav translation: 1.0917 m 0.7437 m 366.0602 m accuracies: 5.7661 m 5.7661 m 0.0000 m  
nav rotation: 0.0000 0.0000 356.6489 accuracies: 0.0000 0.0000 160.4781  
upside-down: no  
Initial pre position (0:indoor)  
0.998 -0.058 0.000 130.963  
0.058 0.998 0.000 -26.100  
0.000 0.000 1.000 -46.386  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



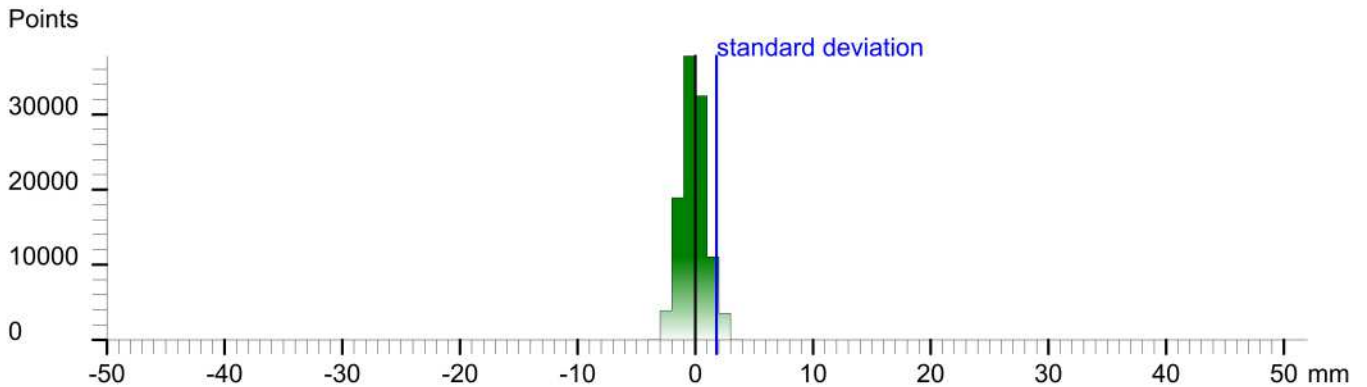
# Scan position '157'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.993448	0.114247	0.003110	43.1231 m
-0.114253	0.993451	0.001947	-3.3613 m
-0.002866	-0.002289	0.999994	12.4379 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.8 mm

## Deviation histogram



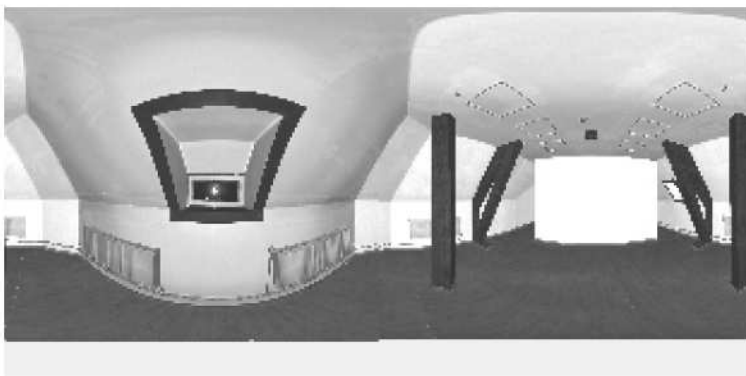
## Scan 'Muz.Ist.Neamt Sc.157'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.157" -scanpos "157" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams focal-resolution h -quality default -chrom "0" -hs "181" -ibrom1 "20" -hs1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.970108 bar 365.514 m
nav translation: 1.1922 m 2.0567 m 365.6656 m accuracies: 6.3039 m 6.3039 m 0.0000 m
nav rotation: 0.0000 0.0000 353.9463 accuracies: 0.0000 0.0000 178.5456
upside-down: no
GPS lat:46.928078 long:26.369671 satellites:4 height:359.9m hdop:4.7 vdop:5.7m hacc:23.0m vacc:24.0 flags:G3 'stand alone 3D solution'
north:5197364.510 m east:452014.660 m zone:35T
Initial pre position (3:outdoor)
0.994 -0.105 0.000 132.156
0.105 0.994 0.000 -24.043
0.000 0.000 1.000 -46.780
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



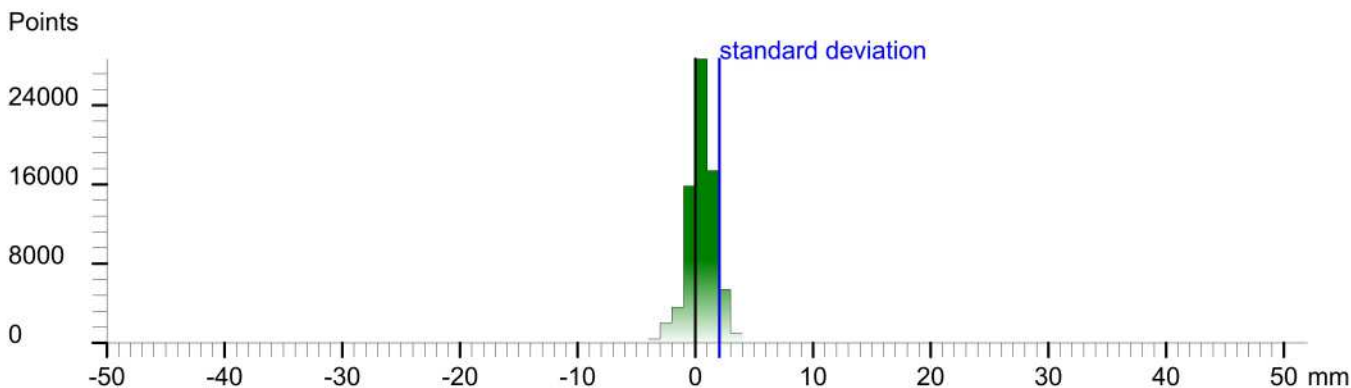
# Scan position '158'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.885327 -0.464966 0.002147 40.5008 m  
0.464969 -0.885328 0.001340 0.7424 m  
0.001277 0.002184 0.999997 12.4707 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 2.0 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.158'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.158" -scanpos "158" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -chrom "0" -hs "181" -hstrom "20" -hsl "240"  
Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.970254 bar 364.256 m  
nav translation: -1.4976 m 0.1321 m 364.6377 m accuracies: 5.8619 m 5.8619 m 0.0000 m  
nav rotation: 0.0000 0.0000 213.1160 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.838 -0.546 0.000 130.658  
0.546 -0.838 0.000 -23.911  
0.000 0.000 1.000 -47.808  
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header





# Scan position '159'

Scan position is member of group(s):

Status registration '[10123h] preregistered with cloud to cloud, manually'

Registration matrix:

-0.699508	-0.714605	0.005476	28.5739 m
0.714622	-0.699508	0.002338	1.9613 m
0.002159	0.005548	0.999983	12.5220 m
0.000000	0.000000	0.000000	1.0000

## Scan 'Muz.Ist.Neamt Sc.159'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcserver 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.159" -scanpos "159" -path "Muz.Ist.Neamt Sc.159" -project "Muz.Ist.Neamt Sc.159" -projectTemplate "" -nav -temperature "20" -camera "1cam" -panoramaparams fsoi -resolution h -quality default -from "0" -to "181" -infrom "120" -to1 "140"`

Sensor

sensors: 3096 ' barometer translation rotation'

Barometer: 0.970434 bar 362.704 m

nav translation: -9.0186 m -2.1096 m 362.9168 m accuracies: 9.8157 m 9.8157 m 0.0000 m

nav rotation: 0.0000 0.0000 229.9635 accuracies: 0.0000 0.0000 15.0000

upside-down: no

Initial pre position (0:indoor)

-0.643 -0.766 0.000 121.639

0.766 -0.643 0.000 -26.021

0.000 0.000 1.000 -49.529

0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '16'

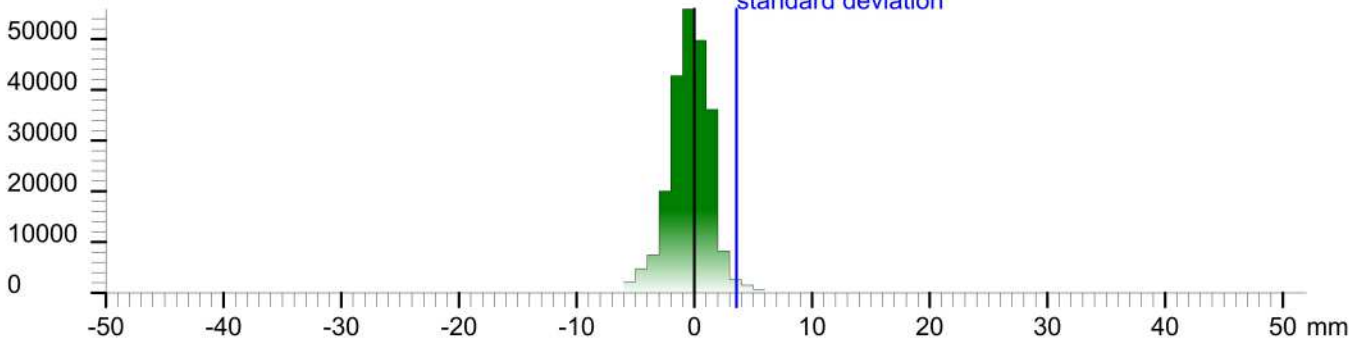
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.836896 -0.547363 0.000566 39.9727 m
0.547360 -0.836894 -0.002460 -42.4828 m
0.001820 -0.001749 0.999997 -0.0842 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.6 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.16'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli 1,RCSEner 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.16" -scansize "16" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -frown "0" -fo "181" -frown1 "20" -frow1 "340"
Sensor
sensors: 3100 * barometer translation rotation gps*
Barometer: 0.962984 bar 427.131 m
nav translation: -3.8405 m -0.1733 m 426.2829 m accuracies: 7.0396 m 7.0396 m 0.0000 m
nav rotation: 0.0000 0.0000 211.8853 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.927696 long:26.369663 satellites:4 height:353.8m hdop:6.9 vdop:4.4m haacc:1.4m vacc:20.0 flags:G3'stand alone 3D solution'
north:5197322.124 m east:452013.739 m zone:35T
Initial pre position (3:outdoor)
-0.849 -0.528 0.000 70.132
0.528 -0.849 0.000 -51.165
0.000 0.000 1.000 13.837
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



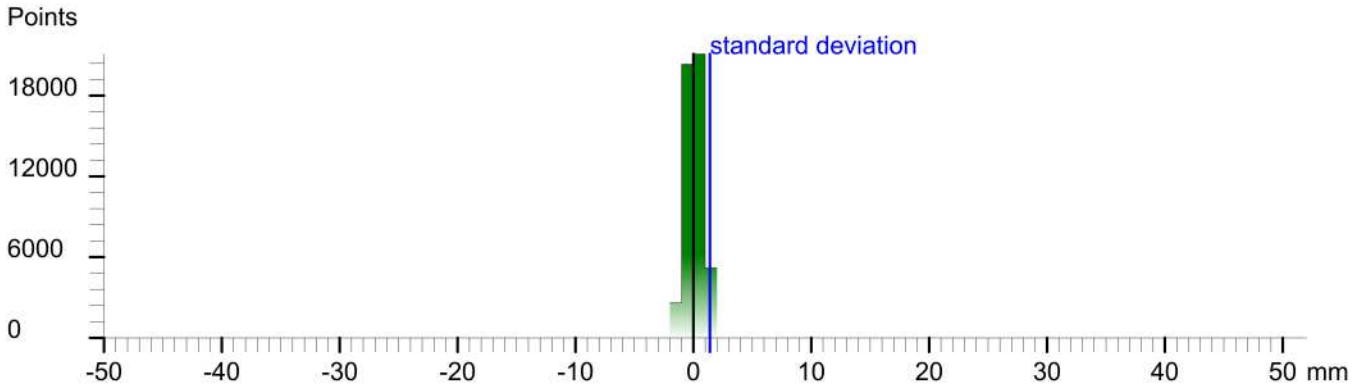
# Scan position '160'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.567896	-0.823100	0.001177	23.6016 m
0.823099	0.567897	0.001754	2.0170 m
-0.002112	-0.000028	0.999998	12.5461 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.4 mm

## Deviation histogram



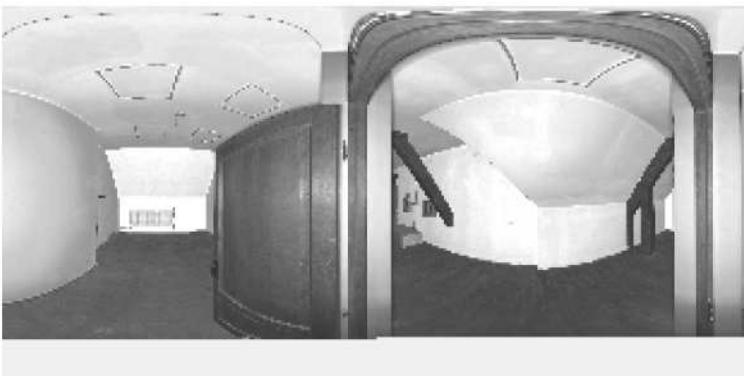
## Scan 'Muz.Ist.Neamt Sc.160'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "ZRCServer 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.160" -scanpos "160" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams focal-resolution h -quality default -from "0" -to "181" -interval "20" -fov1 "340"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.970487 bar 362.241 m
nav translation: -1.1142 m -0.5162 m 362.5521 m accuracies: 5.7278 m 5.7278 m 0.0001 m
nav rotation: 0.0000 0.0000 316.5327 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.726 -0.688 0.000 120.525
0.688 0.726 0.000 -26.537
0.000 0.000 1.000 -49.894
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '161'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

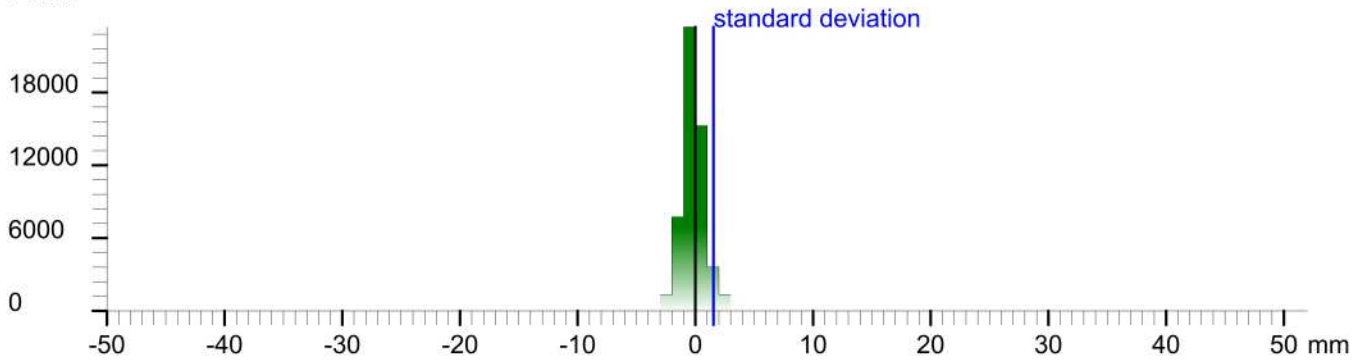
Registration matrix:

0.634198	-0.773170	0.001055	24.8154 m
0.773169	0.634199	0.001663	4.7228 m
-0.001955	-0.000239	0.999999	12.5464 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.5 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.161'

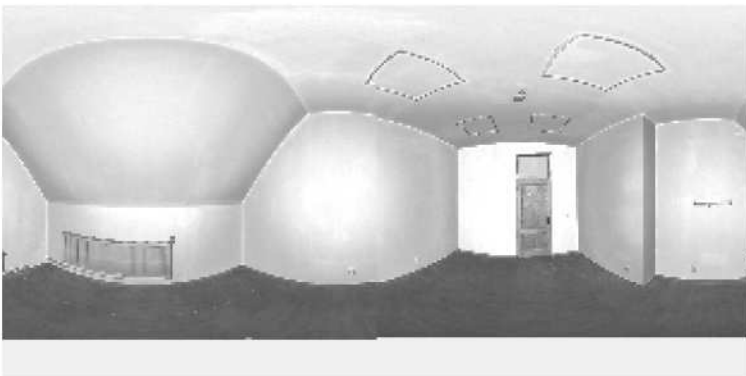
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.161" -scanpos "161" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams focal-resolution h -quality default -from "0" -to "181" -interval "20" -roll "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.970580 bar 361.442 m
nav translation: 0.4319 m 1.3295 m 361.6993 m accuracies: 5.8167 m 5.8167 m 0.0001 m
nav rotation: 0.0000 0.0000 309.0797 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.928253 long:26.369375 satellites:3 height:372.5m hdop:6.1 vdop:1.0m hacc:15.4m vacc:14.8 flags:G2 'stand alone 2D solution'
north:5197384.190 m east:451992.311 m zone:35T
Initial pre position (0:indoor)
0.630 -0.776 0.000 120.957
0.776 0.630 0.000 -25.208
0.000 0.000 1.000 -50.746
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



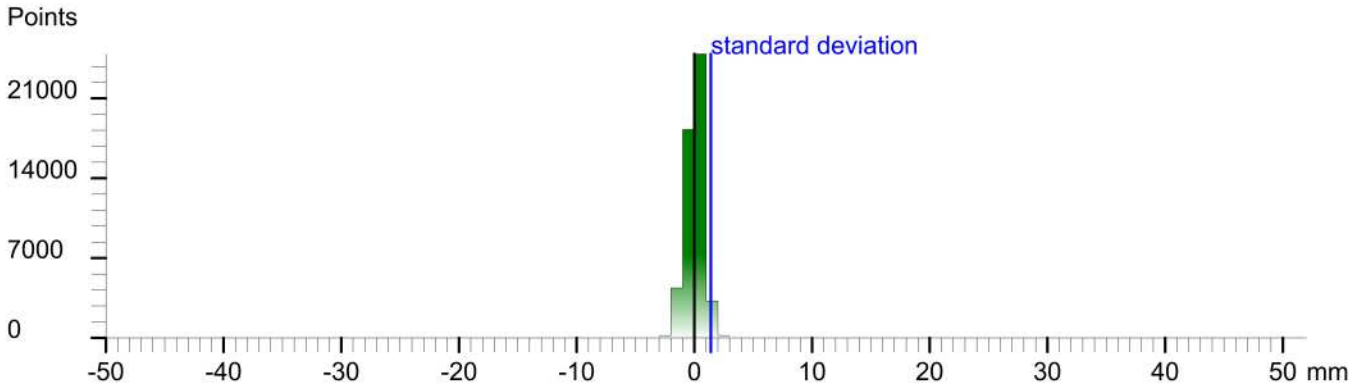
# Scan position '162'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.654651	-0.755932	0.000711	20.8225 m
0.755932	0.654651	0.001314	2.9433 m
-0.001459	-0.000323	0.999999	12.5658 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.4 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.162'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.162" -scanpos "162" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams focal-resolution h -quality default -shom "0" -hs "181" -shom1 "20" -hs1 "240"
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.970578 bar 361.461 m  
nav translation: -1.5007 m 0.5635 m 361.4285 m accuracies: 5.9121 m 5.9121 m 0.0005 m  
nav rotation: 0.0000 0.0000 336.0829 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.914 -0.405 0.000 119.456  
0.405 0.914 0.000 -24.644  
0.000 0.000 1.000 -51.017  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '163'

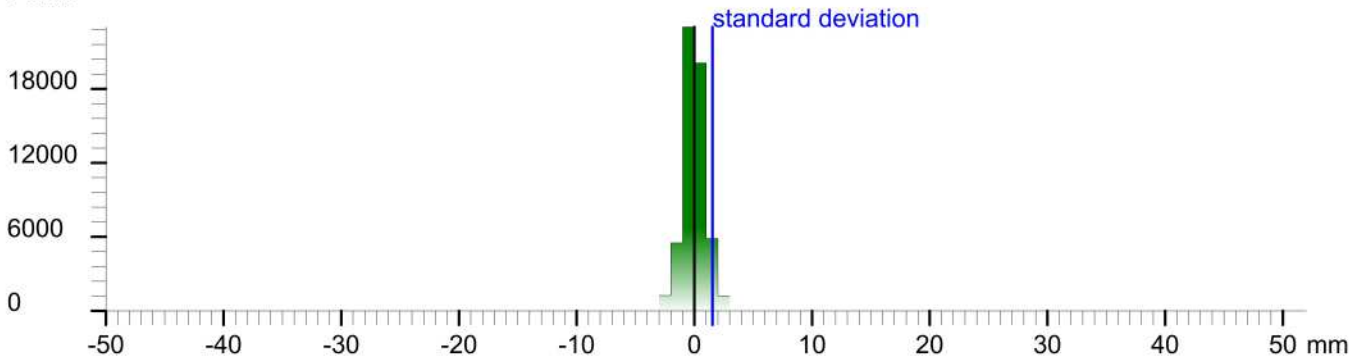
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.618072	-0.786122	0.001179	22.3615 m
0.786121	0.618073	0.001462	5.3776 m
-0.001878	0.000022	0.999999	12.5572 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.5 mm

## Deviation histogram

Points



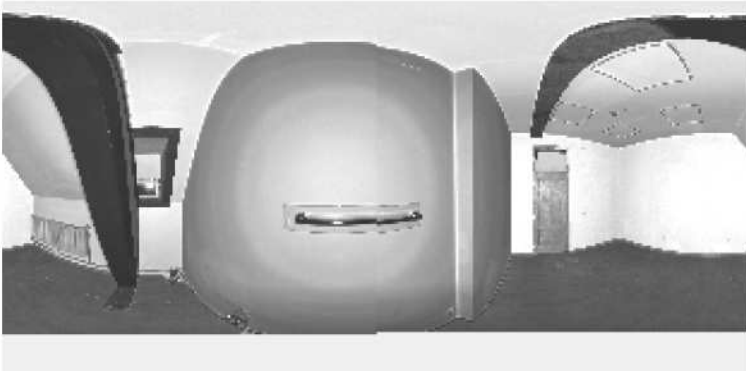
## Scan 'Muz.Ist.Neamt Sc.163'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.163" -scanpos "163" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams focal-resolution h -quality default -shom "0" -hs "181" -shom1 "20" -hs1 "340"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.970623 bar 361.075 m
nav translation: 0.5799 m 0.9685 m 361.3445 m accuracies: 5.6742 m 5.6742 m 0.0000 m
nav rotation: 0.0000 0.0000 310.6558 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.652 -0.759 0.000 120.036
0.759 0.652 0.000 -23.676
0.000 0.000 1.000 -51.101
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



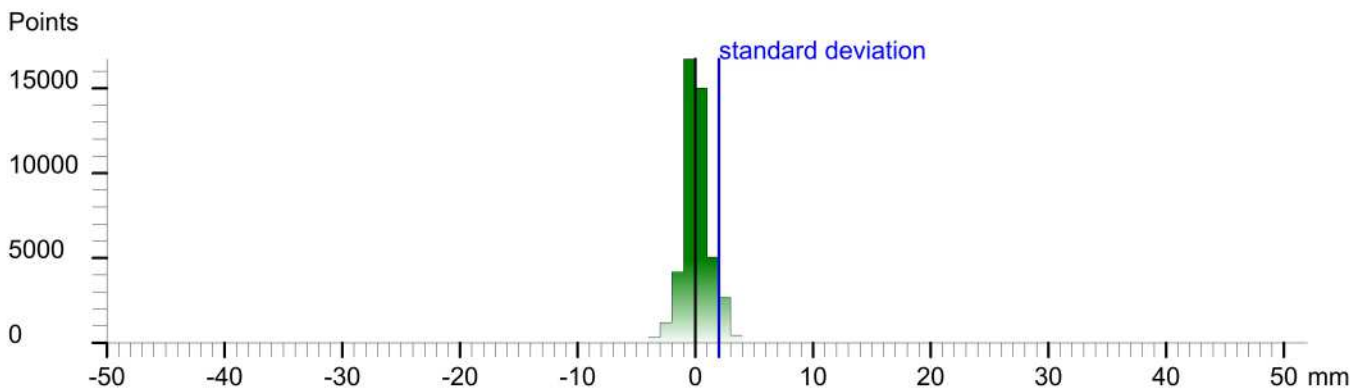
# Scan position '164'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.693932 -0.720041 0.000577 17.6688 m  
0.720042 -0.693932 0.000518 2.9566 m  
0.000027 0.000774 1.000000 12.5903 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 2.0 mm

## Deviation histogram



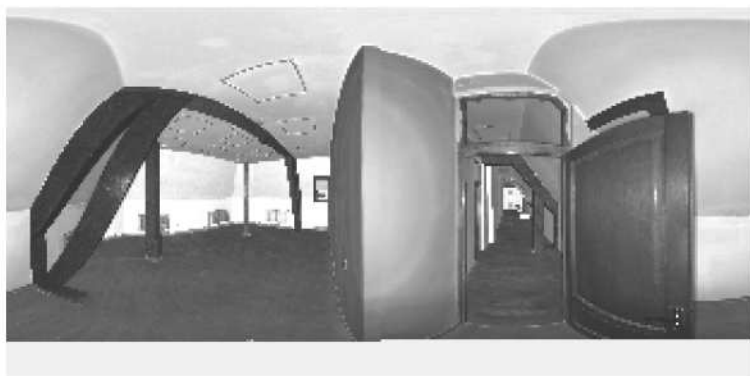
## Scan 'Muz.Ist.Neamt Sc.164'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.164" -scanpos "164" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "Zcam" -panoramaparams focal-resolution h -quality default -shom "0" -hs "181" -shom1 "20" -hs1 "240"  
Sensor  
sensors: 3100 " barometer translation rotation gps"  
Barometer: 0.970686 bar 360.528 m  
nav translation: -2.8070 m 0.1314 m 360.5928 m accuracies: 6.5281 m 6.5281 m 0.0001 m  
nav rotation: 0.0000 0.0000 237.1923 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:46.928185 long:26.369455 satellites:3 height:357.6m hdop:2.5 vdop:1.0m hacc:24.8m vacc:10.4 flags:G2 'stand alone 2D solution'  
north:5197376.511 m east:451996.348 m zone:35T  
Initial pre position (0:indoor)  
-0.542 -0.840 0.000 117.229  
0.840 -0.542 0.000 -23.544  
0.000 0.000 1.000 -51.853  
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



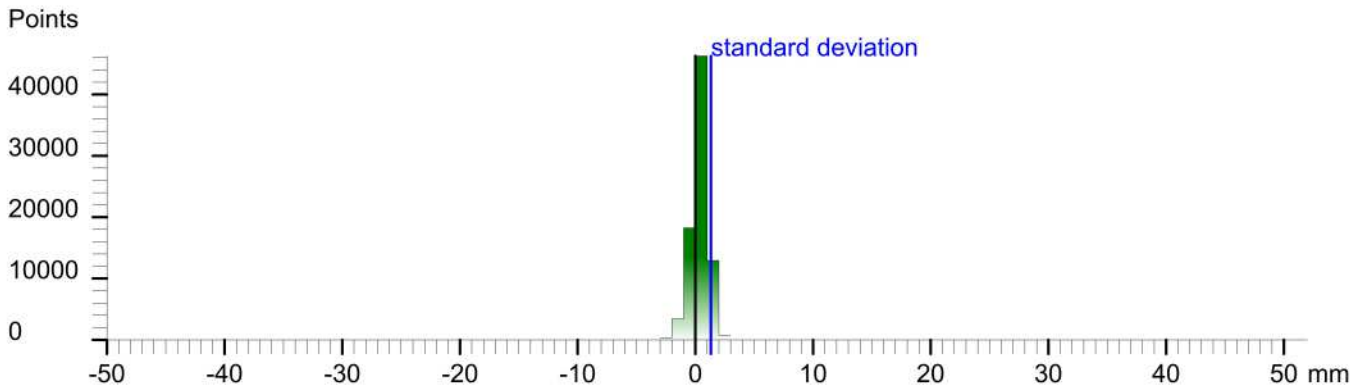
# Scan position '165'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.617463	0.786599	0.001553	17.9031 m
-0.786600	0.617462	0.001592	2.5267 m
0.000294	-0.002204	0.999998	12.5856 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.3 mm

## Deviation histogram



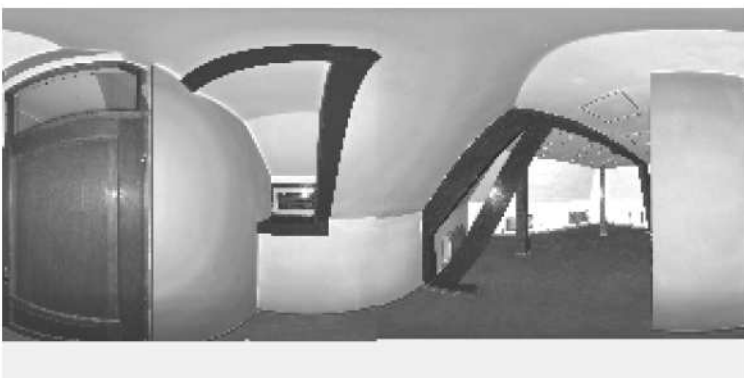
## Scan 'Muz.Ist.Neamt Sc.165'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: c:\1_RCSense 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.165" -scanpos "165" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1cam" -panoramaparams fast -resolution h -quality default -from "0" -to "181" -interval "20" -fov1 "340"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.970719 bar 360.244 m
nav translation: 0.4584 m -0.7571 m 360.5689 m accuracies: 5.5489 m 5.5489 m 0.0000 m
nav rotation: 0.0000 0.0000 65.0856 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.421 0.907 0.000 117.688
-0.907 0.421 0.000 -24.301
0.000 0.000 1.000 -51.877
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header





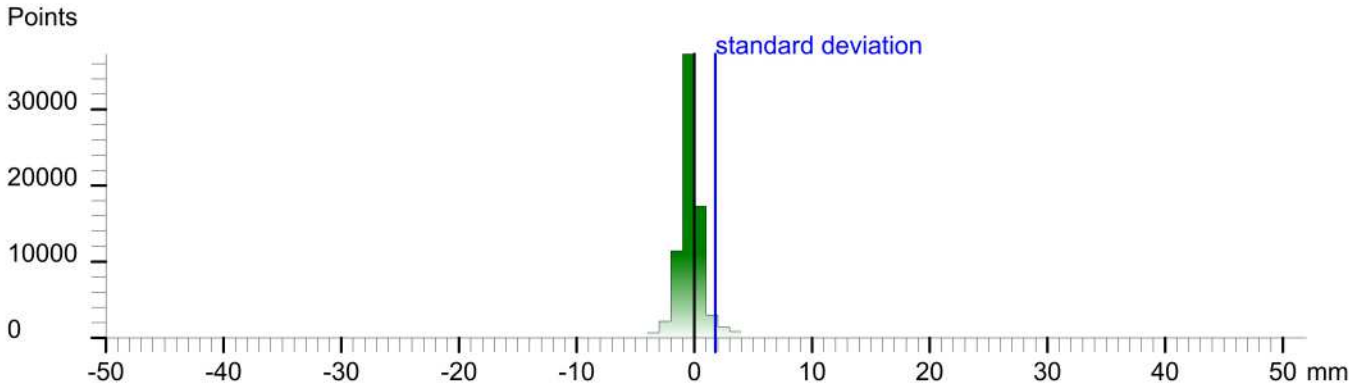
# Scan position '166'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

-0.974374	0.224933	0.001179	14.1049 m
-0.224933	-0.974375	0.000346	4.0975 m
0.001226	0.000072	1.000000	12.5631 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.8 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.166'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.166" -scanpos "166" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "lcam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -roll "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.970879 bar 358.867 m
nav translation: -2.5487 m 0.2907 m 358.9363 m accuracies: 6.4109 m 6.4109 m 0.0000 m
nav rotation: 0.0000 0.0000 173.7236 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.928158 long:26.369154 satellites:5 height:364.5m hdop:5.7 vdop:4.7m hacc:21.0m vacc:17.0 flags:G3 'stand alone 3D solution'
north:5197373.728 m east:451975.382 m zone:35T
Initial pre position (3:outdoor)
-0.994 0.109 0.000 115.139
-0.109 -0.994 0.000 -24.011
0.000 0.000 1.000 -63.509
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '167'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

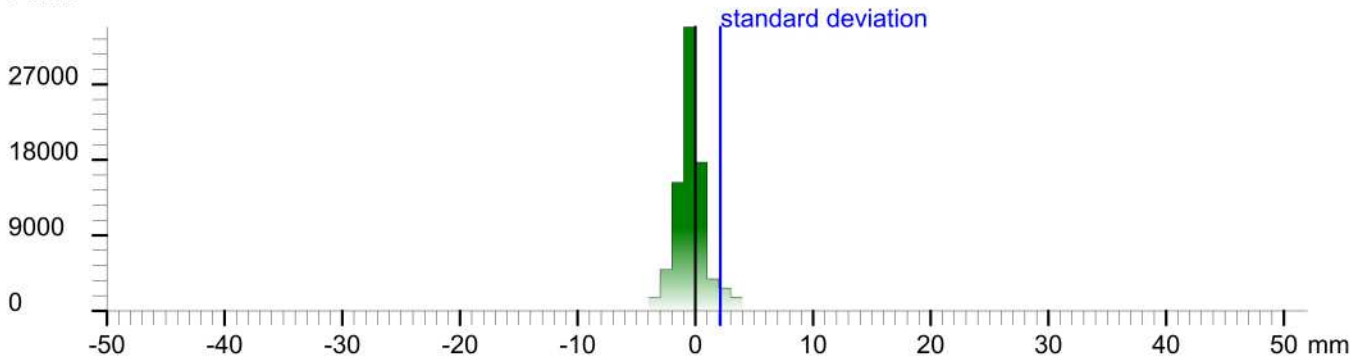
Registration matrix:

```
-0.313454 -0.949604 0.000785 14.6091 m
0.949604 -0.313455 0.000681 6.1043 m
-0.000401 0.000959 1.000000 12.5652 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.1 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.167'

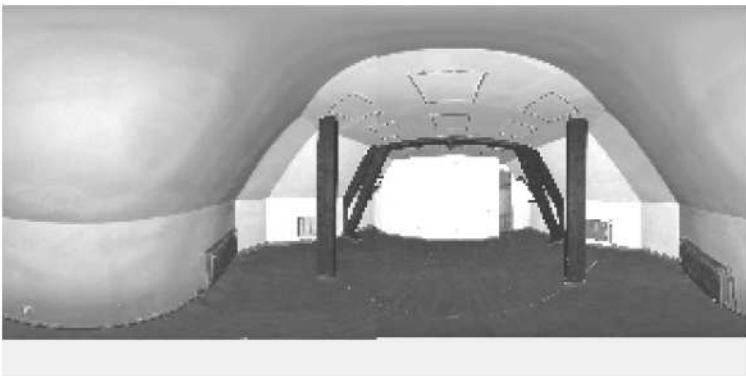
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.167" -scanpos "167" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams focal-resolution h -quality default -chrom "0" -hs "181" -hstrom "20" -hsl "240"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.971033 bar 357.541 m
nav translation: 0.5317 m 0.5420 m 357.7422 m accuracies: 5.4872 m 5.4872 m 0.0000 m
nav rotation: 0.0000 0.0000 258.8689 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.928127 long:26.369268 satellites:4 height:361.1m hdop:7.0 vdop:4.9m hacc:21.4m vacc:0.4 flags:G3 'stand alone 3D solution'
north:5197370.267 m east:451984.067 m zone:35T
Initial pre position (3:outdoor)
-0.193 -0.981 0.000 115.671
0.981 -0.193 0.000 -23.469
0.000 0.000 1.000 -54.703
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '168'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

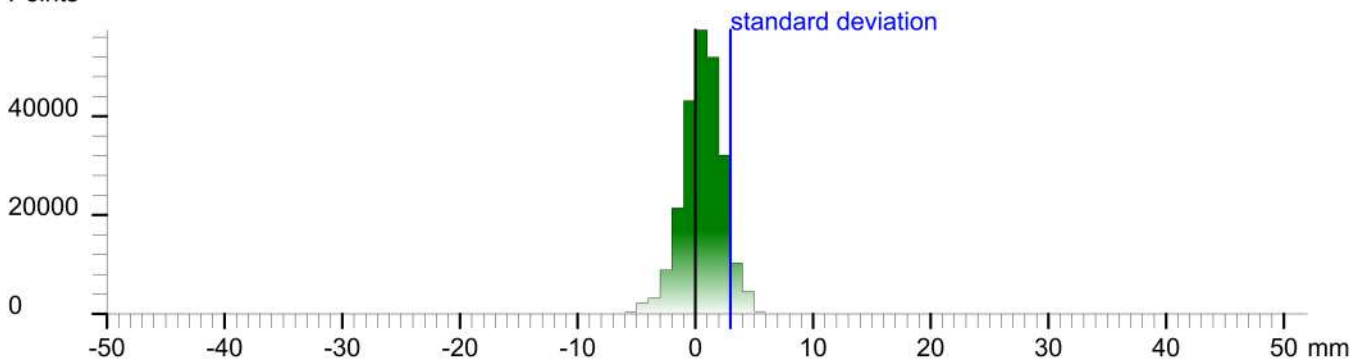
Registration matrix:

```
-0.791060  0.611740  0.000553  22.5700 m
-0.611740 -0.791058 -0.001504 -20.6649 m
-0.000483 -0.001528  0.999999   1.6082 m
0.000000  0.000000  0.000000   1.0000
```

Result registration cloud to cloud standard deviation:3.0 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.168'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.168" -scanpos "168" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams focal-resolution h -quality default -chrom "0" -hs "181" -hstrom "20" -hs1 "340"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.972657 bar 343.557 m
nav translation: -22.5071 m -15.1626 m 343.9590 m accuracies: 21.5668 m 21.5668 m 0.0000 m
nav rotation: 0.0000 0.0000 140.2631 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.769 0.639 0.000 93.164
-0.639 -0.769 0.000 -38.631
0.000 0.000 1.000 -68.487
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



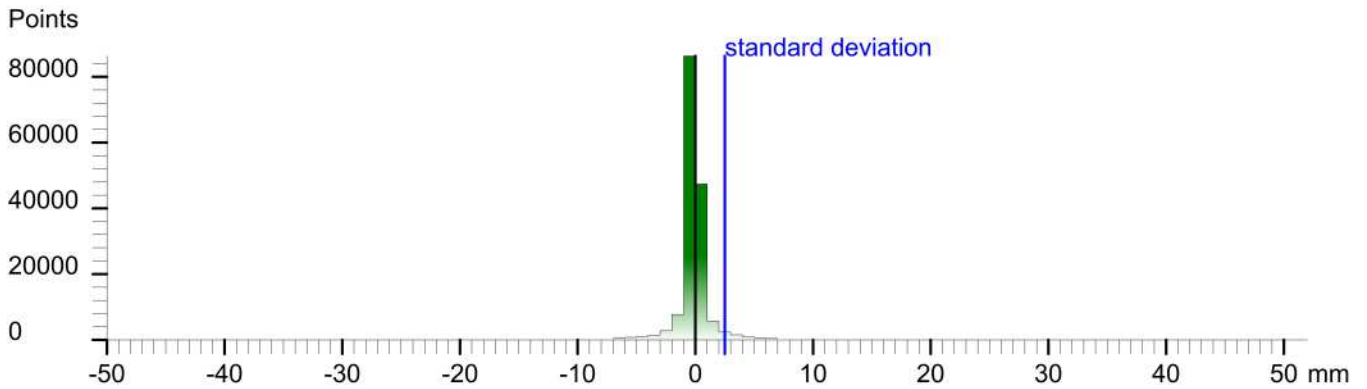
# Scan position '169'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.706862  0.707353  0.000379  21.9074 m  
-0.707352 -0.706860 -0.001706 -22.2428 m  
-0.000939 -0.001474  0.999999   1.6108 m  
0.000000  0.000000  0.000000   1.0000
```

Result registration cloud to cloud standard deviation: 2.5 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.169'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.169" -scanpos "169" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams focal-resolution h -quality default -from "0" -to "181" -interval "20" -roll "340"  
Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.972822 bar 342.134 m  
nav translation: -0.4691 m -2.3298 m 342.5149 m accuracies: 6.3155 m 6.3155 m 0.0001 m  
nav rotation: 0.0000 0.0000 135.9461 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.719 0.695 0.000 92.695  
-0.695 -0.719 0.000 -40.961  
0.000 0.000 1.000 -69.931  
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '17'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

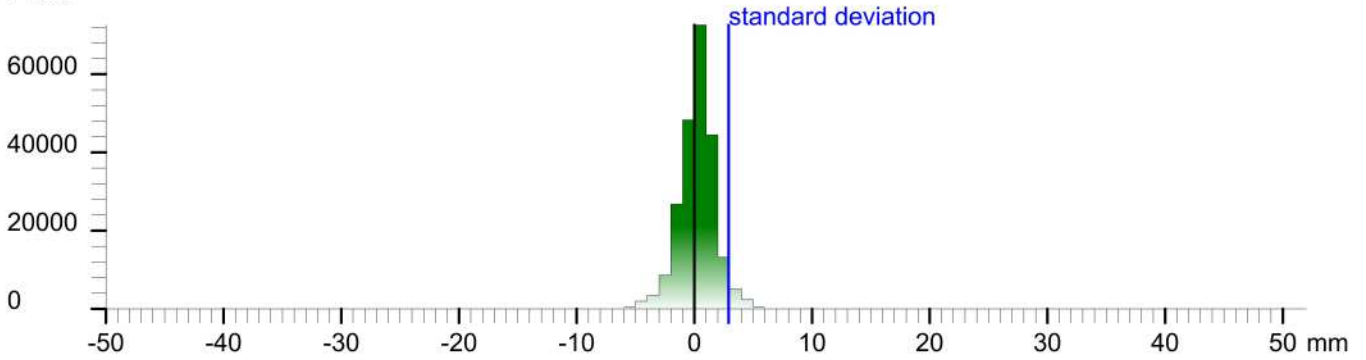
Registration matrix:

```
-0.801082  0.598555  0.000795  36.7612 m
-0.598555 -0.801078 -0.002582 -46.1770 m
-0.000908 -0.002544  0.999996  -0.0438 m
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:2.9 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.17'

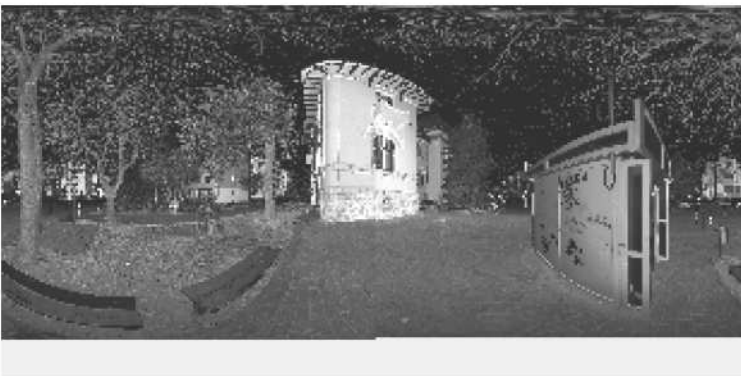
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "RCSense 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.17" -scanspos "17" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -ffrom "0" -to "181" -ffrom1 "20" -file1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.962880 bar 428.031 m
nav translation: -1.1900 m -4.9093 m 427.7884 m accuracies: 7.6430 m 7.6430 m 0.0001 m
nav rotation: 0.0000 0.0000 131.6424 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.927711 long:26.369608 satellites:5 height:343.0m hdop:3.5 vdop:2.0m hacc:15.0m vacc:15.0 flags:G3 'stand alone 3D solution'
north:5197323.853 m east:452009.542 m zone:35T
Initial pre position (3:outdoor)
-0.664 0.747 0.000 68.942
-0.747 -0.664 0.000 -56.074
0.000 0.000 1.000 15.343
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '170'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

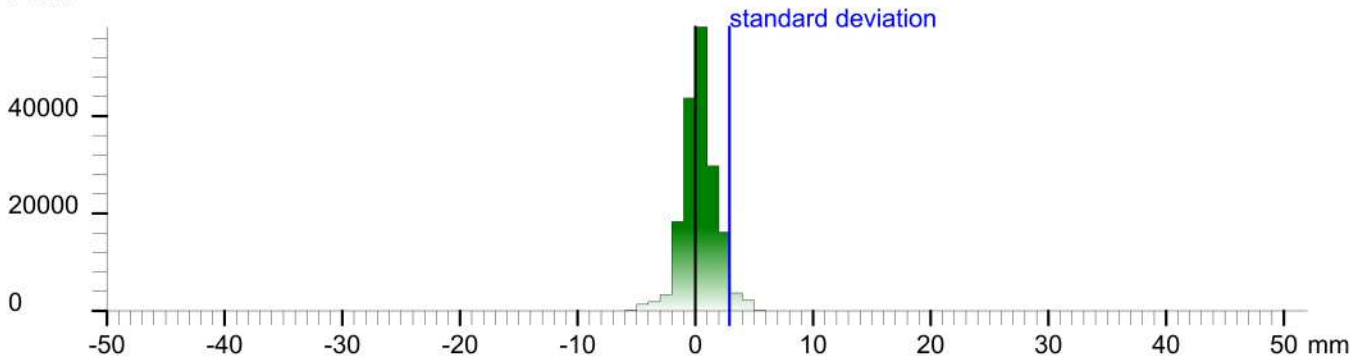
Registration matrix:

```
-0.661980  0.749522  0.000528  20.2880 m  
-0.749522 -0.661977 -0.002062 -27.5199 m  
-0.001196 -0.001760  0.999998   2.4849 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation: 2.9 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.170'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

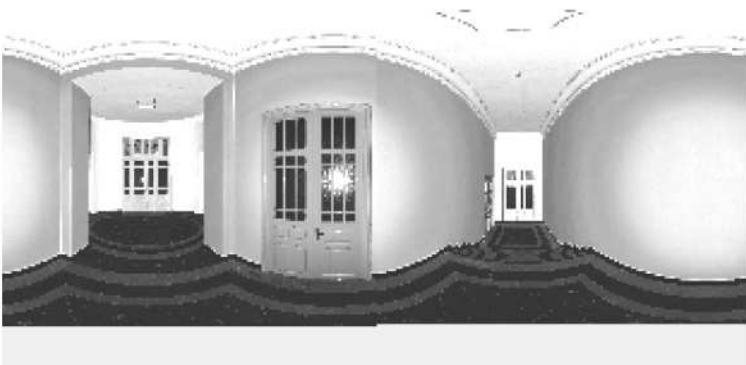
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.170" -scanpos "170" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast -resolution h -quality default -shim "0" -hs "181" -ibram1 "20" -hs1 "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.972791 bar 342.4 m  
nav translation: -1.0344 m -6.9643 m 342.7435 m accuracies: 8.6467 m 8.6467 m 0.0001 m  
nav rotation: 0.0000 0.0000 124.6647 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.569 0.822 0.000 91.660  
-0.822 -0.569 0.000 -47.925  
0.000 0.000 1.000 -69.702  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



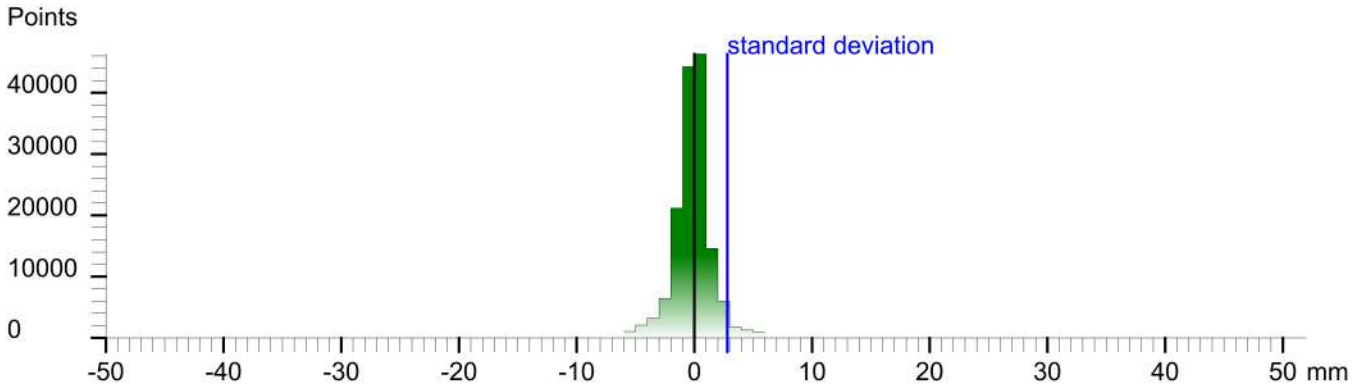
# Scan position '171'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

-0.647240	0.762287	-0.000194	18.9647 m
-0.762285	-0.647238	-0.002457	-31.3491 m
-0.001998	-0.001442	0.999997	2.4814 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.8 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.171'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: 'c:\1_RCSense 9.0.3' -memorize 1 -file "Muz.Ist.Neamt Sc.171" -scanpos "171" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams focal-resolution h -quality default -from "0" -to "181" -interval "20" -roll "340"
Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.972930 bar 341.208 m
nav translation: 1.0435 m -3.2553 m 341.4035 m accuracies: 6.8190 m 6.8190 m 0.0000 m
nav rotation: 0.0000 0.0000 123.3558 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.550 0.835 0.000 92.704
-0.835 -0.550 0.000 -51.181
0.000 0.000 1.000 -71.042
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



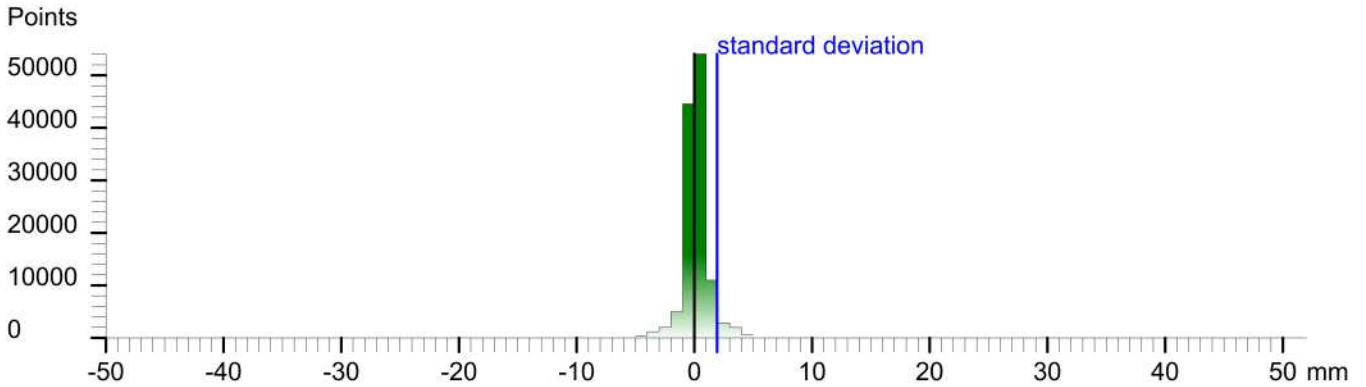
# Scan position '172'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.687273 -0.726400 -0.001060 20.7569 m  
0.726400 -0.687271 -0.001579 -21.6852 m  
0.000418 -0.001855 0.999998 1.5991 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.9 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.172'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "ZFSensor 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.172" -scanpos "172" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -shom "0" -hs "181" -shom1 "20" -hs1 "240"  
Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.973101 bar 339.733 m  
nav translation: -8.0633 m 5.1352 m 339.8372 m accuracies: 9.9426 m 9.9426 m 0.0001 m  
nav rotation: 0.0000 0.0000 223.2074 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.729 -0.685 0.000 84.640  
0.685 -0.729 0.000 -46.046  
0.000 0.000 1.000 -72.608  
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header





# Scan position '173'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

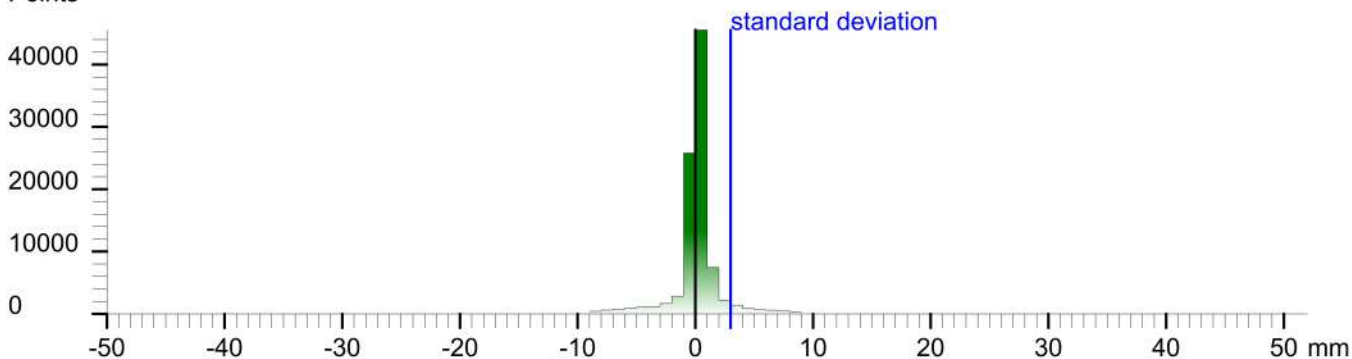
Registration matrix:

```
-0.857790 -0.513999 -0.001731 17.9001 m
0.514001 -0.857790 -0.001278 -20.8963 m
-0.000828 -0.001986 0.999998 1.5790 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.0 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.173'

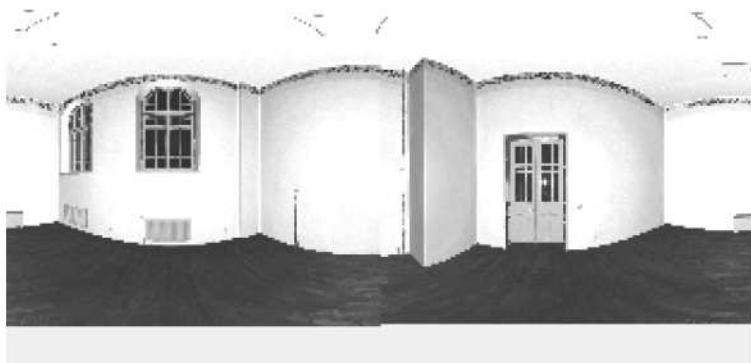
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "ZFSense 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.173" -scanpos "173" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -roll "340"
Sensor
sensors: 3096 "barometer translation rotation"
Barometer: 0.973157 bar 339.249 m
nav translation: -1.3180 m 0.2329 m 339.4588 m accuracies: 5.7821 m 5.7821 m 0.0000 m
nav rotation: 0.0000 0.0000 195.7528 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.962 -0.271 0.000 83.322
0.271 -0.962 0.000 -45.813
0.000 0.000 1.000 -72.987
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '174'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

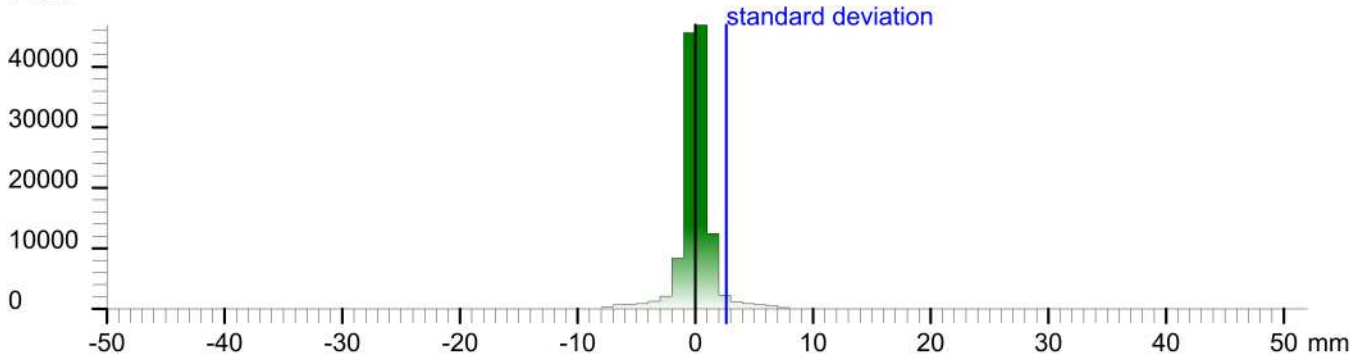
Registration matrix:

0.581555	0.813508	-0.000137	18.6608 m
-0.813507	0.581554	-0.001205	-27.2434 m
-0.000901	0.000812	0.999999	2.4803 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.6 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.174'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.174" -scanpos "174" -path "Muz.Ist.Neamt" -project "Muz.Ist.Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams focal-resolution h -quality default -from "0" -to "181" -interval "20" -max "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.973085 bar 339.872 m  
nav translation: 8.4298 m 0.3128 m 340.0178 m accuracies: 9.3526 m 9.3526 m 0.0000 m  
nav rotation: 0.0000 0.0000 51.6937 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.620 0.785 0.000 91.752  
-0.785 0.620 0.000 -45.500  
0.000 0.000 1.000 -72.428  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '175'

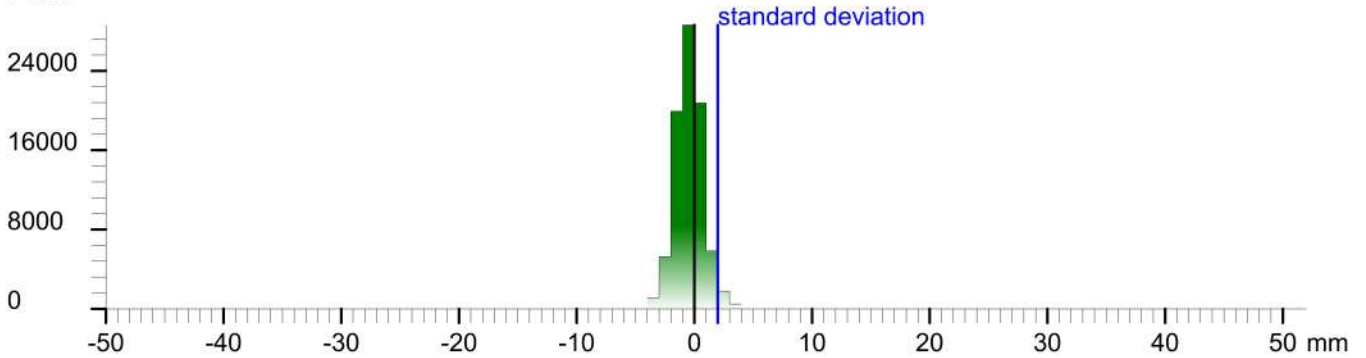
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.818719 -0.574194 -0.001618 14.9335 m  
0.574196 -0.818716 -0.002138 -26.3589 m  
-0.000097 -0.002680 0.999996 2.4691 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 2.0 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.175'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

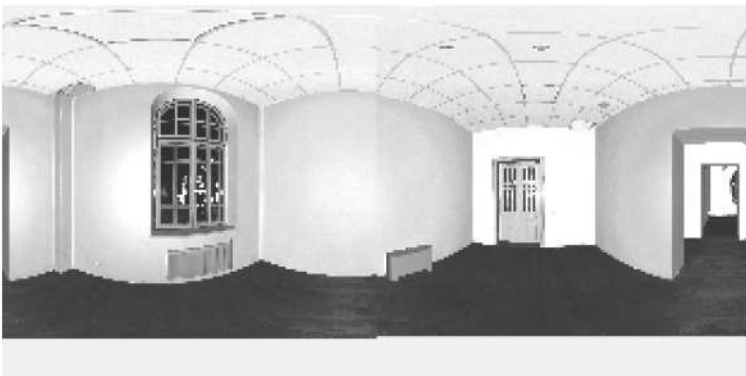
**Metadata**    **Value**  
**comment**  
**operator**

Scan command: `cd /usr/local/bin; ./rcsServer 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.175" -scanpos "175" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "icam" -panoramaparams focal-resolution h -quality default -shom "0" -ho "181" -ihom1 "20" -ho1 "240"`

### Sensor

sensors: 3096 'barometer translation rotation'  
Barometer: 0.973182 bar 339.035 m  
nav translation: -0.9555 m -0.0098 m 339.4905 m accuracies: 5.5803 m 5.5803 m 0.0001 m  
nav rotation: 0.0000 0.0000 203.3620 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
initial pre position (4:1m)  
1.000 0.000 0.000 0.000  
0.000 1.000 0.000 0.000  
0.000 0.000 1.000 0.000  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '176'

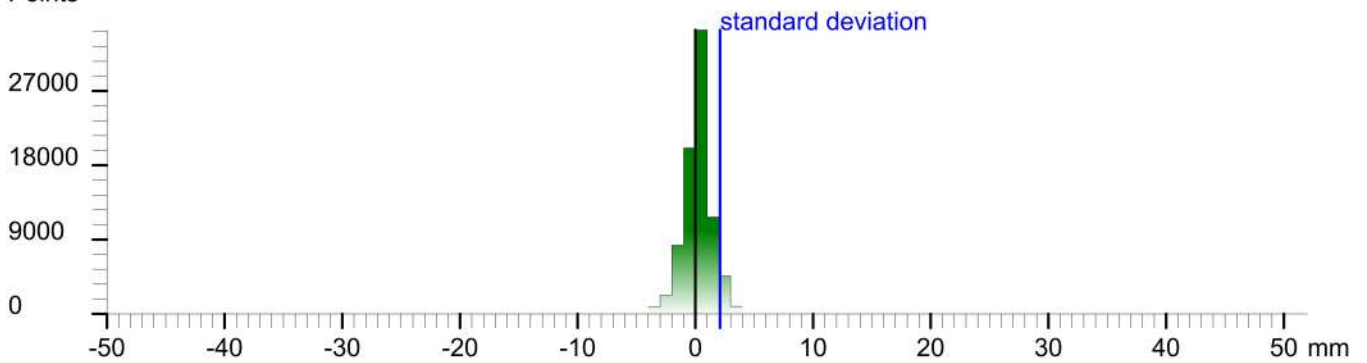
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.760003  0.649921  -0.000629  13.9641 m  
-0.649918  -0.760002  -0.002500  -29.4539 m  
-0.002102  -0.001491  0.999997   2.4701 m  
0.000000  0.000000  0.000000   1.0000
```

Result registration cloud to cloud standard deviation: 2.1 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.176'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

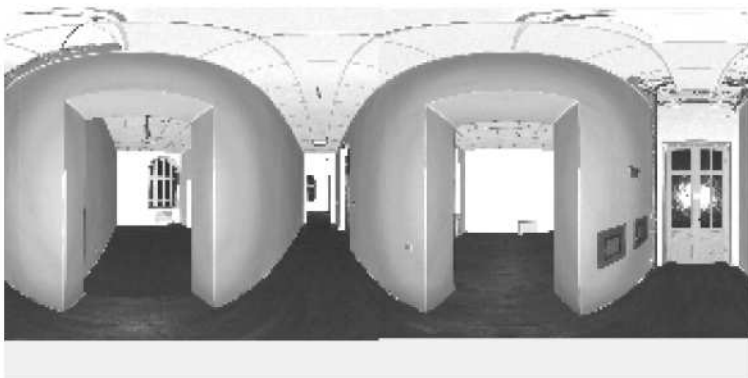
**Metadata**    **Value**  
**comment**  
**operator**

Scan command: `cd /usr/local/bin; ./rcServer 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.176" -scanpos "176" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -fov "240"`  
Error or warnings while recording:  
Warning: 754

### Sensor

sensors: 3096 'barometer translation rotation'  
Barometer: 0.973314 bar 337.899 m  
nav translation: 0.0000 m 0.0000 m 338.0600 m accuracies: 5.1000 m 5.1000 m 0.0001 m  
nav rotation: 0.0000 0.0000 131.0148 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
initial pre position (4:1m)  
1.000 0.000 0.000 0.000  
0.000 1.000 0.000 0.000  
0.000 0.000 1.000 0.000  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



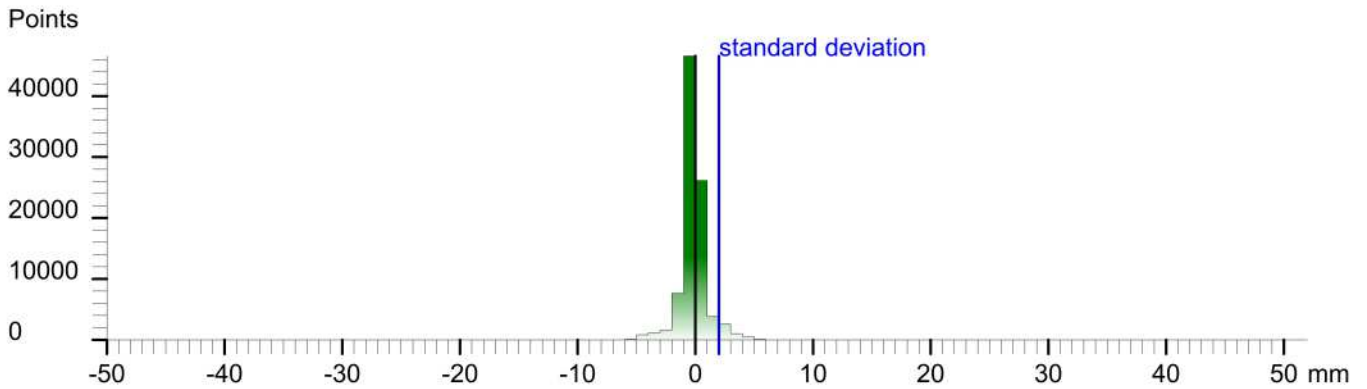
# Scan position '177'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

-0.940579	0.339576	-0.001056	12.3563 m
-0.339572	-0.940577	-0.002835	-32.7049 m
-0.001956	-0.002308	0.999995	2.4559 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.0 mm

## Deviation histogram



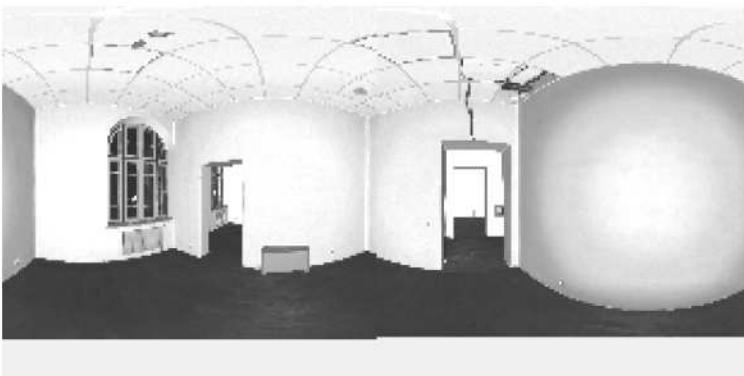
## Scan 'Muz.Ist.Neamt Sc.177'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "ZFCamera 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.177" -scanpos "177" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "Zcam" -panoramaparams focal-resolution h -quality default -shom "0" -hs "181" -ibrom1 "20" -hs1 "340"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.973312 bar 337.922 m
nav translation: 0.0000 m 0.0000 m 337.4027 m accuracies: 5.1000 m 5.1000 m 0.0001 m
nav rotation: 0.0000 0.0000 156.7256 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.919 0.395 0.000 90.797
-0.395 -0.919 0.000 -45.510
0.000 0.000 1.000 -75.043
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '178'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

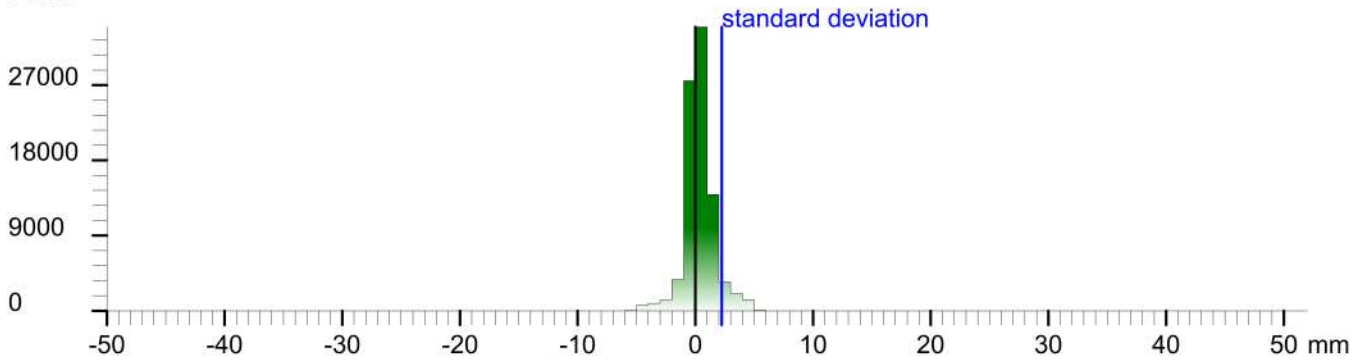
Registration matrix:

```
-0.647377 -0.762168 -0.002116 9.7195 m
0.762171 -0.647372 -0.002628 -32.8715 m
0.000633 -0.003314 0.999994 2.4545 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.2 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.178'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

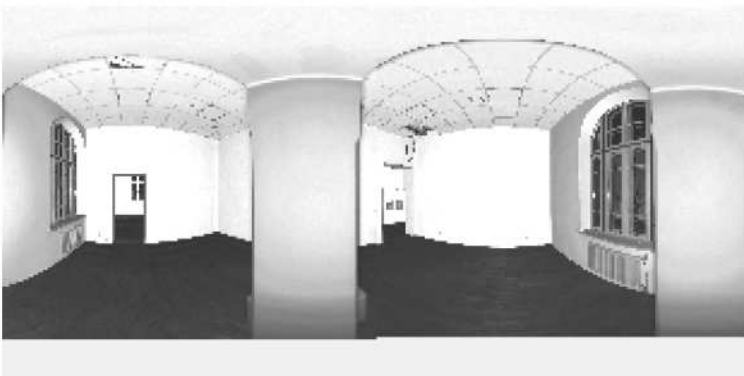
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.178" -scanpos "178" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -shom "0" -hs "181" -shom1 "20" -hs1 "240"
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.973365 bar 337.462 m  
nav translation: 0.0000 m 0.0000 m 337.7899 m accuracies: 5.2211 m 5.2211 m 0.0001 m  
nav rotation: 0.0000 0.0000 219.4697 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.772 -0.636 0.000 90.797  
0.636 -0.772 0.000 -45.510  
0.000 0.000 1.000 -74.656  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '179'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

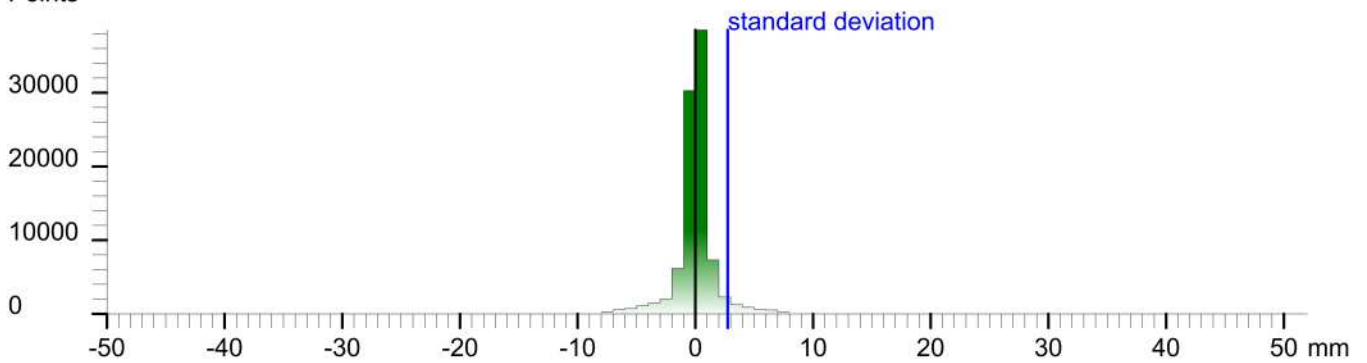
Registration matrix:

```
-0.675423 -0.737428 -0.002420 7.3766 m
0.737431 -0.675420 -0.002300 -32.0057 m
0.000062 -0.003338 0.999994 2.4542 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.7 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.179'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

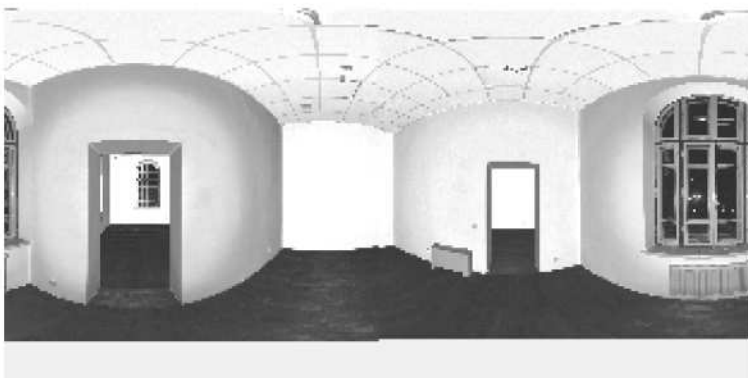
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.179" -scanpos "179" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams focal-resolution h -quality default -shom "0" -hs "181" -ibrom1 "20" -hs1 "340"
```

```
Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.973470 bar 336.563 m
nav translation: -0.8368 m 0.2119 m 336.9709 m accuracies: 5.5374 m 5.5374 m 0.0001 m
nav rotation: 0.0000 0.0000 220.1686 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.764 -0.645 0.000 89.960
0.645 -0.764 0.000 -45.298
0.000 0.000 1.000 -75.475
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '18'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

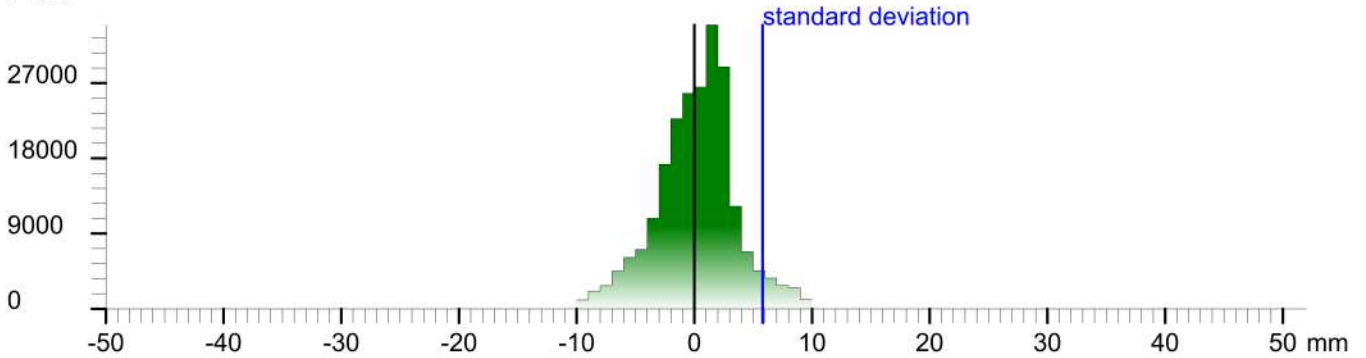
Registration matrix:

```
-0.417026 -0.908895 0.000014 26.5637 m
0.908895 -0.417027 -0.000505 -45.3323 m
0.000465 -0.000198 1.000000 -0.0234 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:5.8 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.18'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "RCServer 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.18" -scanspo "18" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projctemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -ffrom "0" -to "181" -ffrom1 "20" -file "340"
```

Sensor

```
sensors: 3100 ' barometer translation rotation gps'
Barometer: 0.962810 bar 428.637 m
nav translation: -11.3477 m -5.5722 m 428.5159 m accuracies: 11.4666 m 11.4666 m 0.0001 m
nav rotation: 0.0000 0.0000 235.1051 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.927723 long:26.369558 satellites:4 height:346.4m hdop:11.5 vdop:3.4m hacc:4.4m vacc:11.0 flags:G3 'stand alone 3D solution'
north:5197325.155 m east:452005.777 m zone:35T
Initial pre position (4.1m)
1.000 0.000 0.000 0.000
0.000 1.000 0.000 0.000
0.000 0.000 1.000 0.000
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





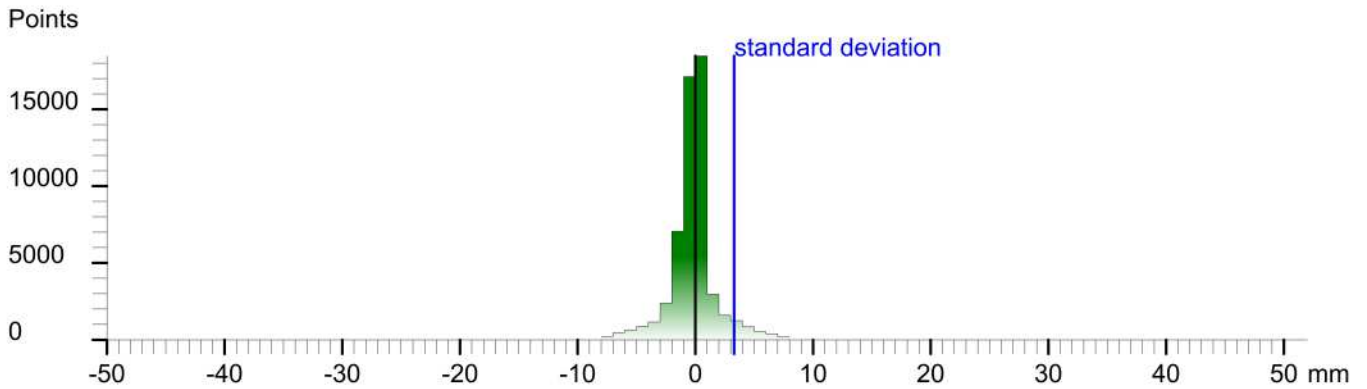
# Scan position '180'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

-0.665361	-0.746520	-0.002299	4.1216 m
0.746523	-0.665357	-0.002193	-30.7823 m
0.000107	-0.003175	0.999995	2.4520 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.3 mm

## Deviation histogram



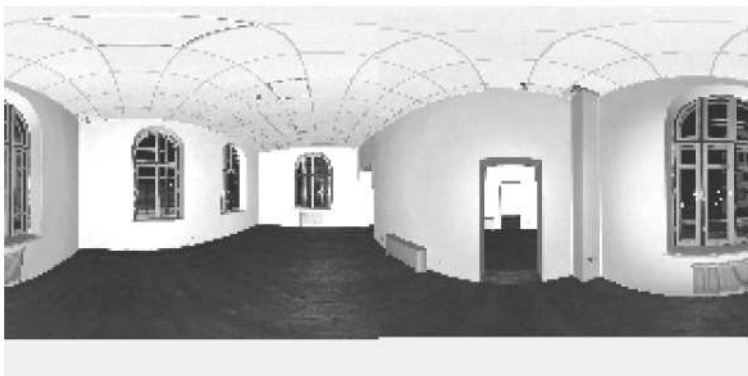
## Scan 'Muz.Ist.Neamt Sc.180'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.180" -scanpos "180" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -max "240"
Sensor
sensors: 3096 "barometer translation rotation"
Barometer: 0.973499 bar 336.307 m
nav translation: -0.3343 m 0.1070 m 336.3957 m accuracies: 5.2797 m 5.2797 m 0.0000 m
nav rotation: 0.0000 0.0000 211.9414 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.849 -0.529 0.000 89.626
0.529 -0.849 0.000 -45.191
0.000 0.000 1.000 -76.050
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '181'

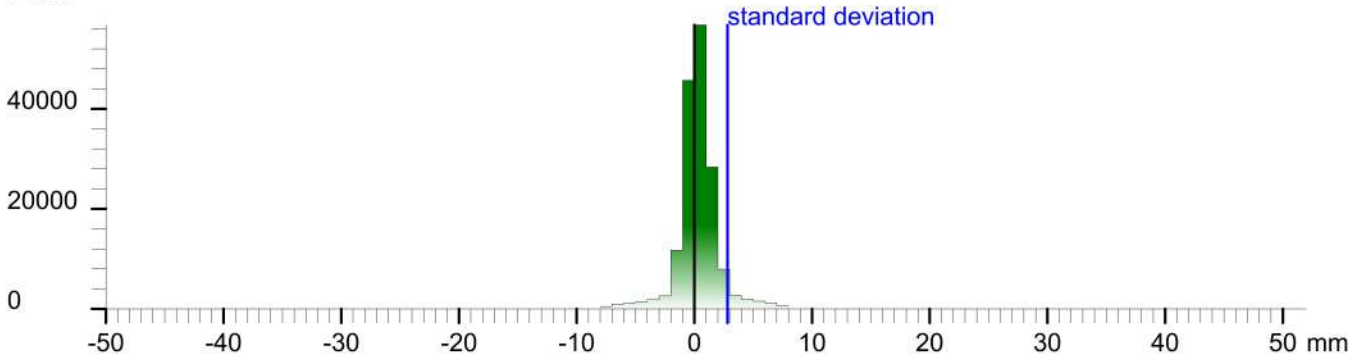
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.822084	-0.569366	-0.001447	5.4661 m
0.569367	0.822085	-0.000148	-27.1787 m
0.001274	-0.000702	0.999999	2.4589 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.8 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.181'

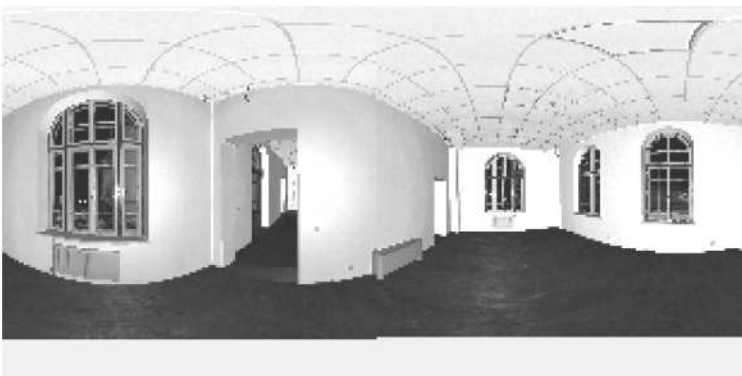
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /home/.../RCSEnser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.181" -scanpos "181" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -roll "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.973571 bar 335.693 m  
nav translation: -0.1126 m 0.5949 m 336.2540 m accuracies: 5.4065 m 5.4065 m 0.0000 m  
nav rotation: 0.0000 0.0000 313.9761 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.694 -0.720 0.000 89.513  
0.720 0.694 0.000 -44.596  
0.000 0.000 1.000 -76.192  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



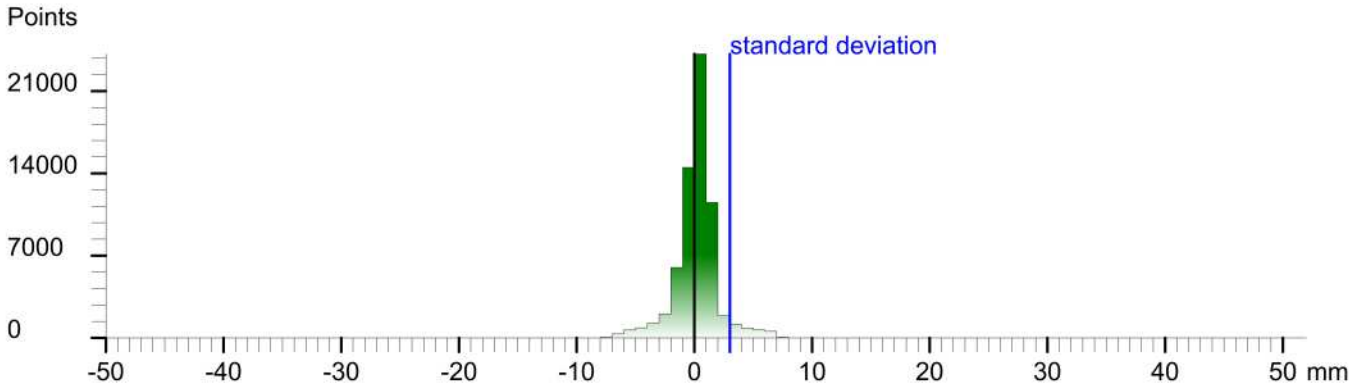
# Scan position '182'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.634552	0.772881	0.000472	21.3854 m
-0.772880	0.634552	-0.001453	-32.2665 m
-0.001422	0.000557	0.999999	2.4688 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.0 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.182'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.182" -scanpos "182" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast -resolution h -quality default -from "0" -to "181" -interval "20" -roll "340"
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.973660 bar 334.924 m  
nav translation: 13.9262 m -0.1519 m 335.4535 m accuracies: 12.0956 m 12.0956 m 0.0001 m  
nav rotation: 0.0000 0.0000 44.2202 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.717 0.697 0.000 103.439  
-0.697 0.717 0.000 -44.748  
0.000 0.000 1.000 -76.992  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '183'

Scan position is member of group(s):

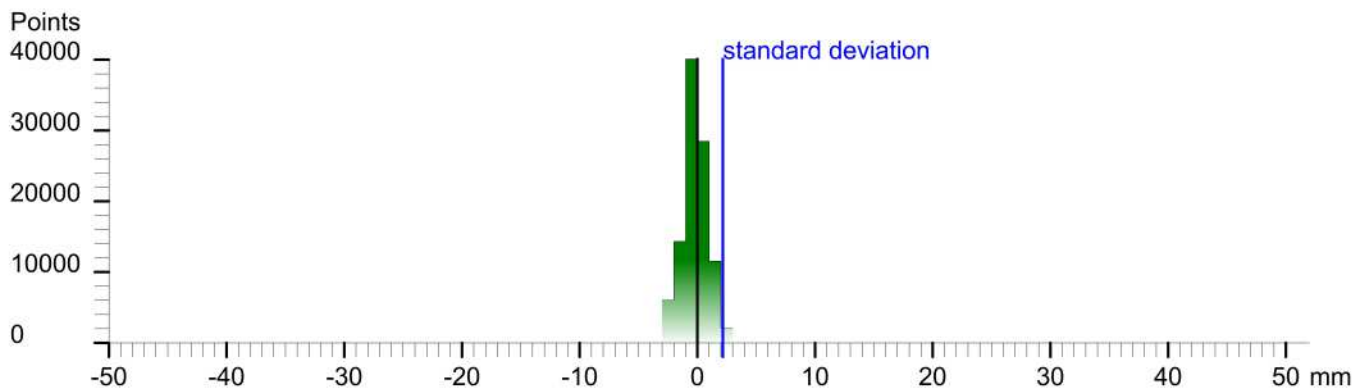
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

0.522458	0.852666	0.000771	25.8014 m
-0.852664	0.522458	-0.001839	-34.1266 m
-0.001971	0.000303	0.999998	2.4582 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.2 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.183'

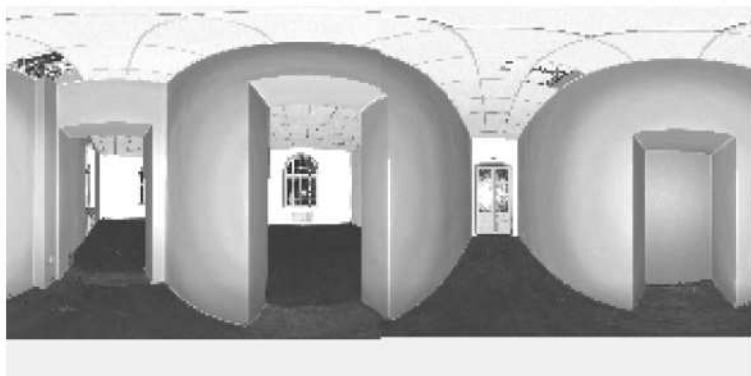
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.183" -scanpos "183" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -max1 "340"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.973677 bar 334.777 m
nav translation: 2.6684 m -0.8710 m 334.6780 m accuracies: 6.5229 m 6.5229 m 0.0001 m
nav rotation: 0.0000 0.0000 52.7329 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.606 0.796 0.000 106.108
-0.796 0.606 0.000 -45.619
0.000 0.000 1.000 -77.768
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



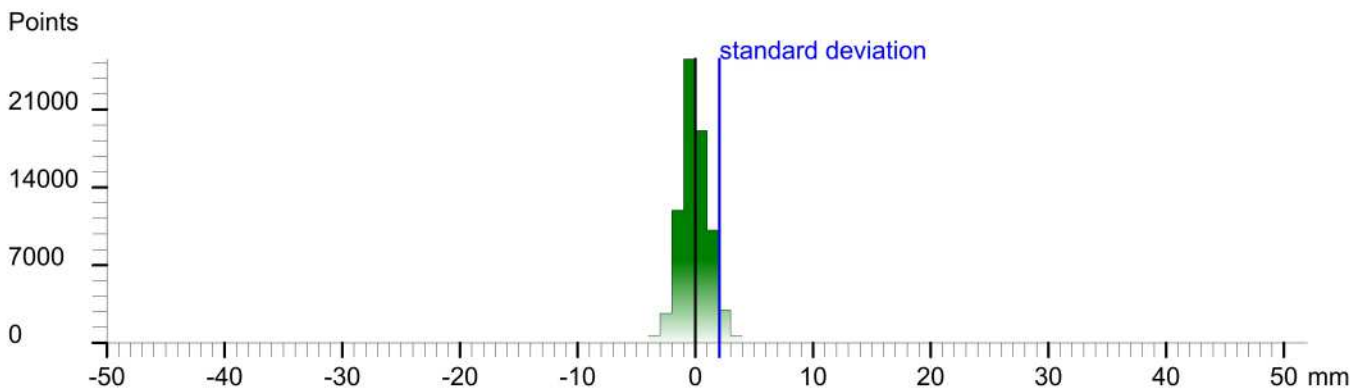
# Scan position '184'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.538058	-0.842909	-0.000227	30.5764 m
0.842907	0.538057	-0.001839	-35.8852 m
0.001673	0.000798	0.999998	2.4646 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.0 mm

## Deviation histogram



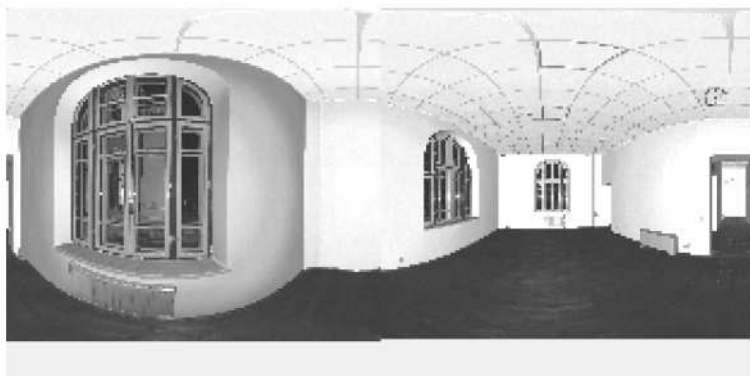
## Scan 'Muz.Ist.Neamt Sc.184'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.184" -scanpos "184" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams focal-resolution h -quality default -from "0" -to "181" -interval "20" -max1 "340"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.973728 bar 334.342 m
nav translation: 2.0289 m 2.7884 m 334.5229 m accuracies: 6.8322 m 6.8322 m 0.0001 m
nav rotation: 0.0000 0.0000 293.0378 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.391 -0.920 0.000 108.137
0.920 0.391 0.000 -42.830
0.000 0.000 1.000 -77.923
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



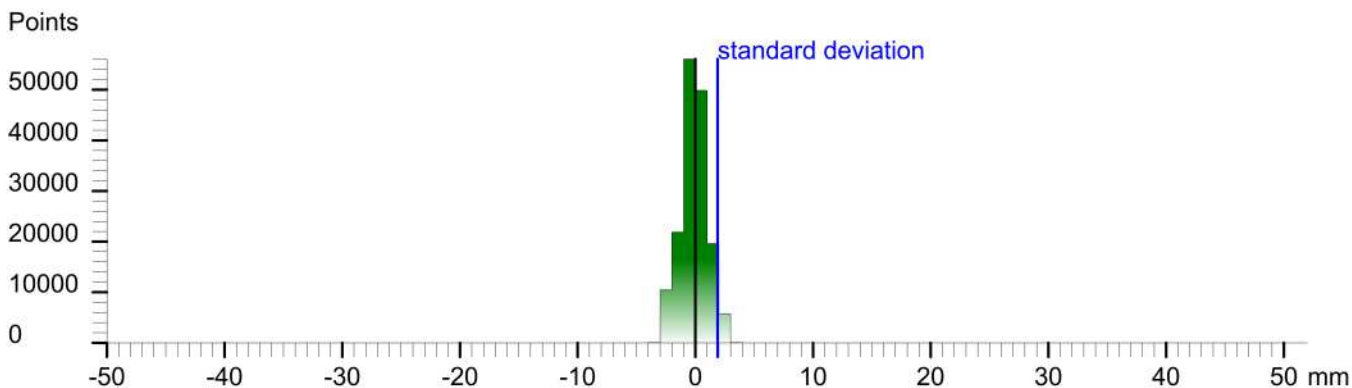
# Scan position '185'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

-0.765669	-0.643236	-0.000252	27.9055 m
0.643232	-0.765664	-0.003591	-40.0324 m
0.002117	-0.002912	0.999994	2.4510 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.9 mm

## Deviation histogram



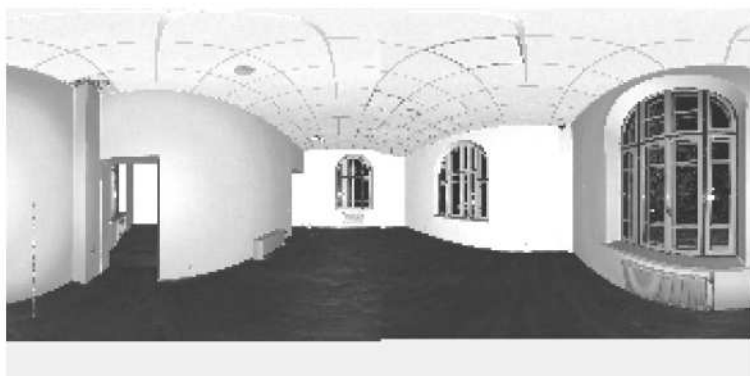
## Scan 'Muz.Ist.Neamt Sc.185'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.185" -scanpos "185" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams focal-resolution h -quality default -shom "0" -hs "181" -hstrom1 "20" -hst1 "340"
Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.973788 bar 333.826 m
nav translation: -2.8776 m -2.4219 m 333.9456 m accuracies: 6.9988 m 6.9988 m 0.0000 m
nav rotation: 0.0000 0.0000 214.1550 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.828 -0.561 0.000 105.259
0.561 -0.828 0.000 -45.252
0.000 0.000 1.000 -78.500
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



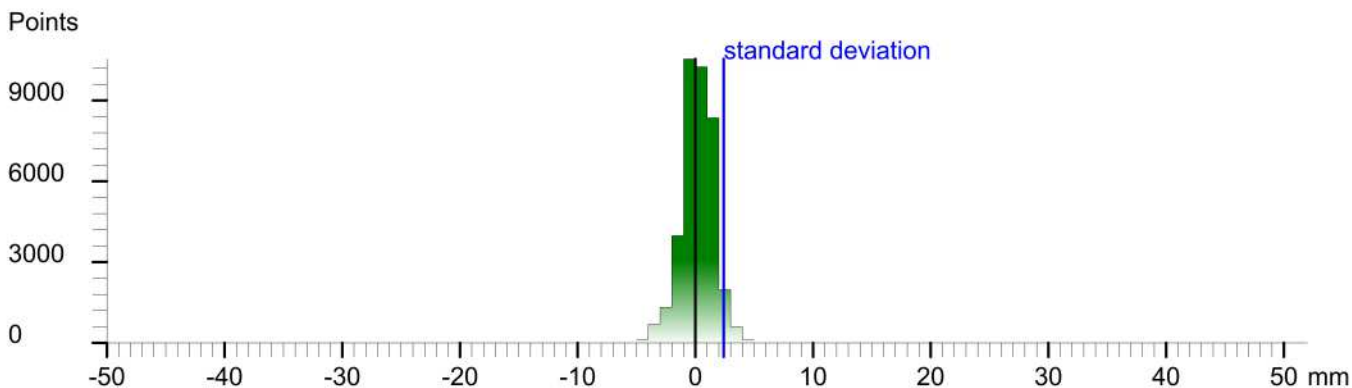
# Scan position '186'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

-0.727876	0.685711	0.000245	23.5089 m
-0.685707	-0.727870	-0.003403	-38.2235 m
-0.002155	-0.002645	0.999994	2.4460 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.4 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.186'

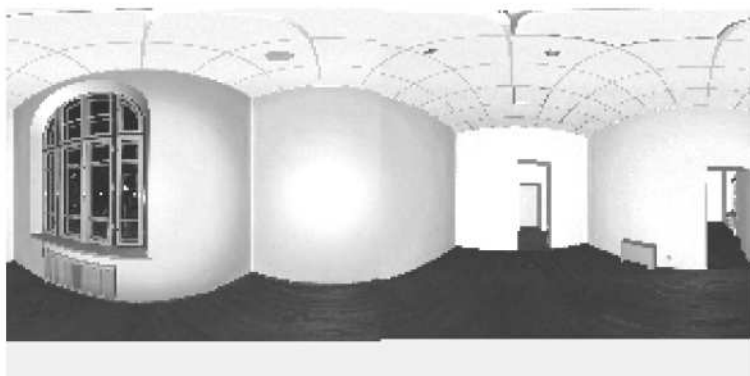
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: c:\1_RCSense 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.186" -scanpos "186" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -fov "240"
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.973893 bar 332.925 m  
nav translation: -1.3627 m 0.0907 m 332.6878 m accuracies: 5.7875 m 5.7875 m 0.0000 m  
nav rotation: 0.0000 0.0000 129.7188 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.639 0.769 0.000 103.896  
-0.769 -0.639 0.000 -45.162  
0.000 0.000 1.000 -79.758  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



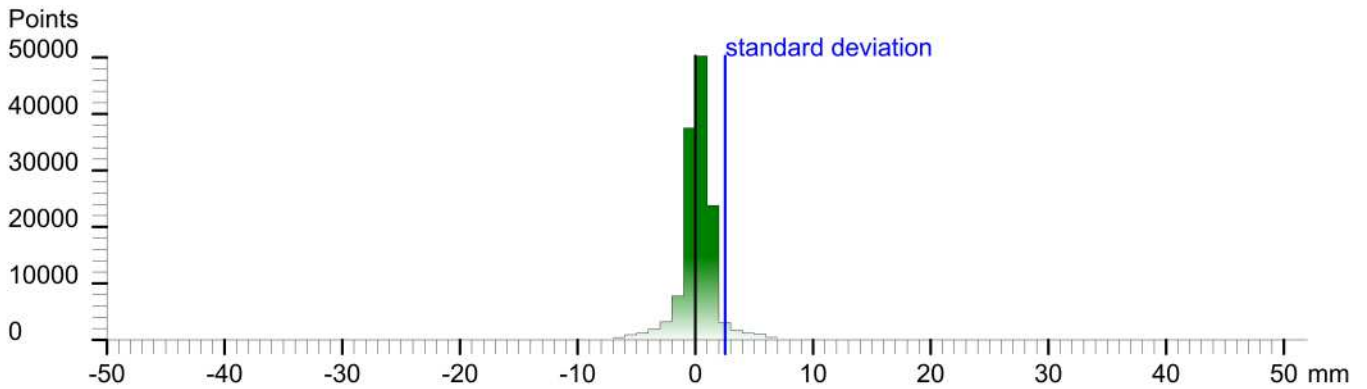
# Scan position '187'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

-0.681215	0.732085	0.000115	18.4550 m
-0.732082	-0.681212	-0.002679	-33.4653 m
-0.001883	-0.001909	0.999996	2.4765 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.5 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.187'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: c:\1_RCSense 9.0.3\memorize 1 -file "Muz.Ist.Neamt Sc.187" -scanpos "187" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -roll "340"
Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.973830 bar 333.463 m
nav translation: 0.0000 m 0.0000 m 332.5803 m accuracies: 5.1000 m 5.1000 m 0.0000 m
nav rotation: 0.0000 0.0000 126.6535 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.597 0.802 0.000 103.896
-0.802 -0.597 0.000 -45.162
0.000 0.000 1.000 -79.865
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header





# Scan position '188'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

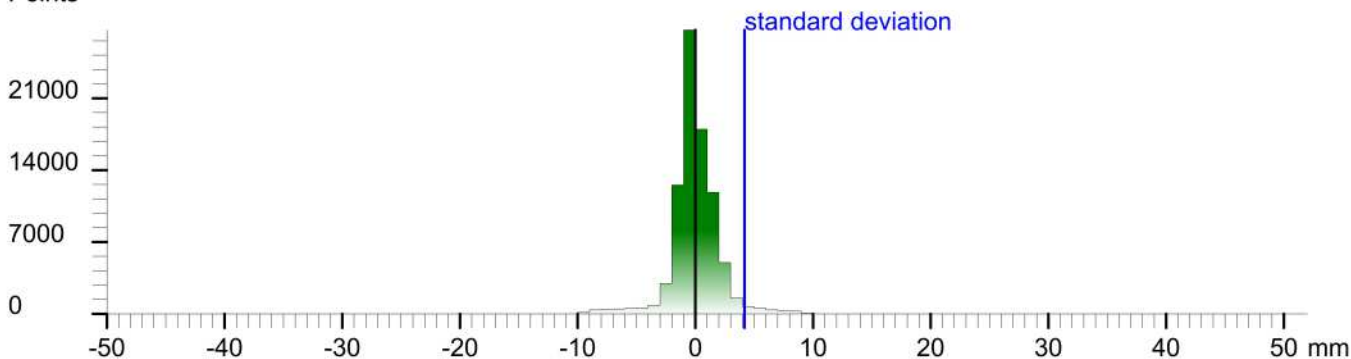
Registration matrix:

```
-0.699439  0.714693  0.000214  17.7312 m  
-0.714691 -0.699437 -0.002446 -36.2836 m  
-0.001598 -0.001864  0.999997   2.4778 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:4.2 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.188'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.188" -scanpos "188" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -max1 "340"  
Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.973973 bar 332.233 m  
nav translation: -0.3088 m -1.0206 m 332.5362 m accuracies: 5.6434 m 5.6434 m 0.0000 m  
nav rotation: 0.0000 0.0000 127.8790 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.614 0.789 0.000 103.587  
-0.789 -0.614 0.000 -46.182  
0.000 0.000 1.000 -79.909  
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '189'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

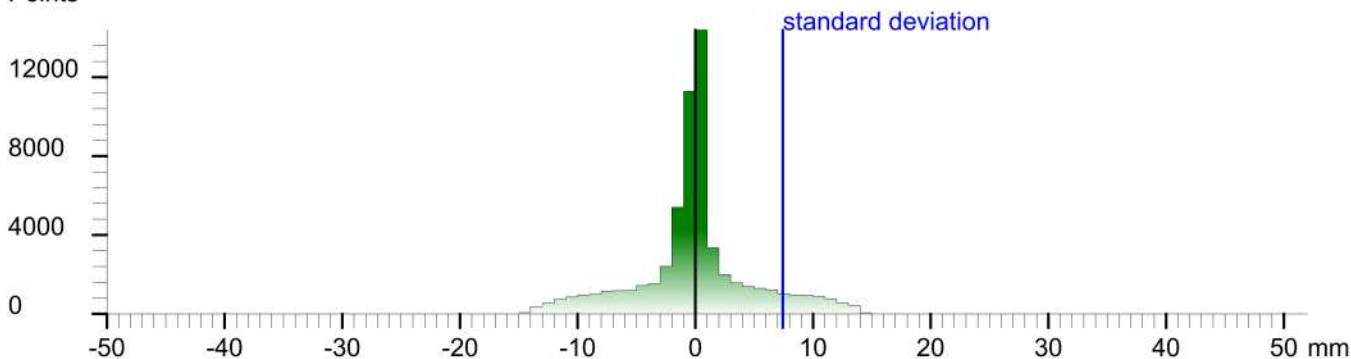
Registration matrix:

0.607586	0.794254	0.000322	20.1691 m
-0.794253	0.607586	-0.001835	-37.4448 m
-0.001653	0.000860	0.999998	2.4763 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 7.4 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.189'

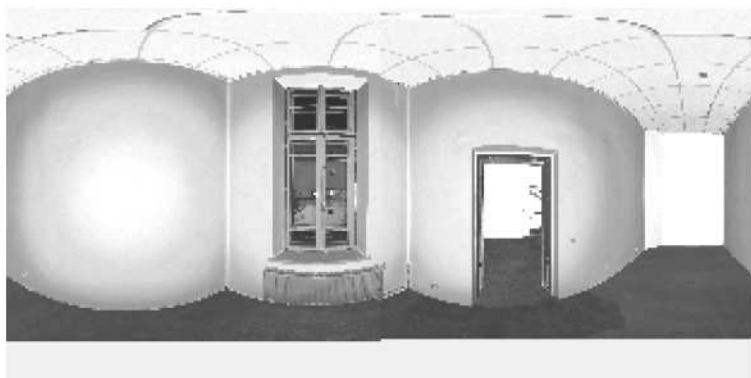
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "ZFCSEner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.189" -scanpos "189" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -roll "340"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.973960 bar 332.349 m
nav translation: 0.7161 m -0.3077 m 332.0317 m accuracies: 5.4960 m 5.4960 m 0.0000 m
nav rotation: 0.0000 0.0000 43.2726 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.728 0.685 0.000 104.303
-0.685 0.728 0.000 -46.490
0.000 0.000 1.000 -80.414
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '190'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

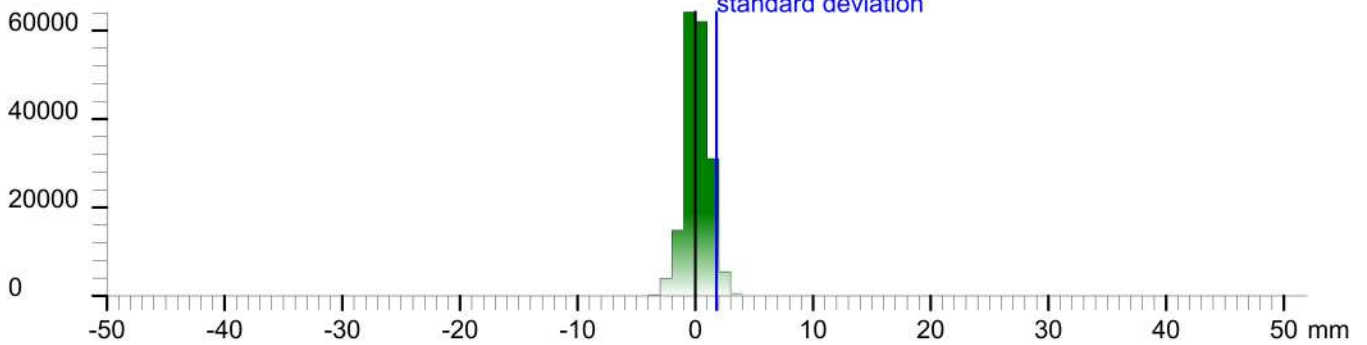
Registration matrix:

```
-0.763918 -0.645309 0.002788 25.6268 m
0.645309 -0.763923 -0.000873 -15.8499 m
0.002692 0.001132 0.999996 14.0626 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.8 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.190'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.190" -scanpos "190" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -max1 "340"
Sensor
sensors: 3096 " barometer translation rotation"
Barometer: 0.975449 bar 319.558 m
nav translation: 0.0000 m 0.0000 m 319.7039 m accuracies: 5.1000 m 5.1000 m 0.0000 m
nav rotation: 0.0000 0.0000 236.3187 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.555 -0.832 0.000 104.303
0.832 -0.555 0.000 -46.490
0.000 0.000 1.000 -92.742
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



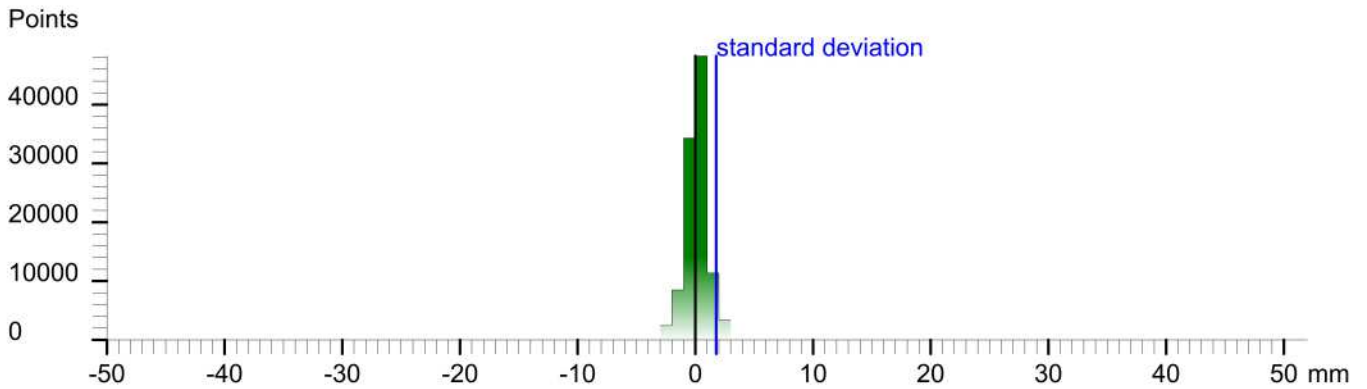
# Scan position '191'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

-0.837206	0.546885	0.001859	27.5671 m
-0.546888	-0.837206	-0.001258	-19.2590 m
0.000868	-0.002069	0.999998	14.0314 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.8 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.191'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.191" -scanpos "191" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams focal-resolution h -quality default -from "0" -to "181" -interval "20" -roll "240"
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.975486 bar 319.237 m  
nav translation: -0.7799 m 1.4914 m 319.4352 m accuracies: 5.9735 m 5.9735 m 0.0000 m  
nav rotation: 0.0000 0.0000 140.3503 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.770 0.638 0.000 103.524  
-0.638 -0.770 0.000 -44.999  
0.000 0.000 1.000 -93.011  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '192'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

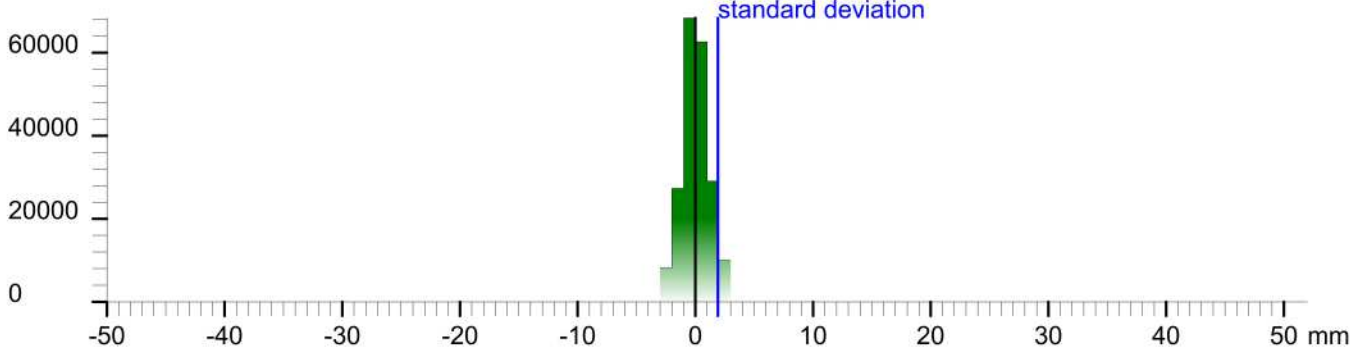
Registration matrix:

0.396263	0.918132	0.003214	33.4281 m
-0.918137	0.396266	-0.000234	-18.3074 m
-0.001488	-0.002857	0.999995	14.0448 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.9 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.192'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.192" -scanpos "192" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -roll "340"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.975649 bar 317.839 m
nav translation: 4.2103 m -0.0904 m 318.4176 m accuracies: 7.2150 m 7.2150 m 0.0000 m
nav rotation: 0.0000 0.0000 60.3298 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.495 0.869 0.000 107.734
-0.869 0.495 0.000 -45.089
0.000 0.000 1.000 -94.028
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '193'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

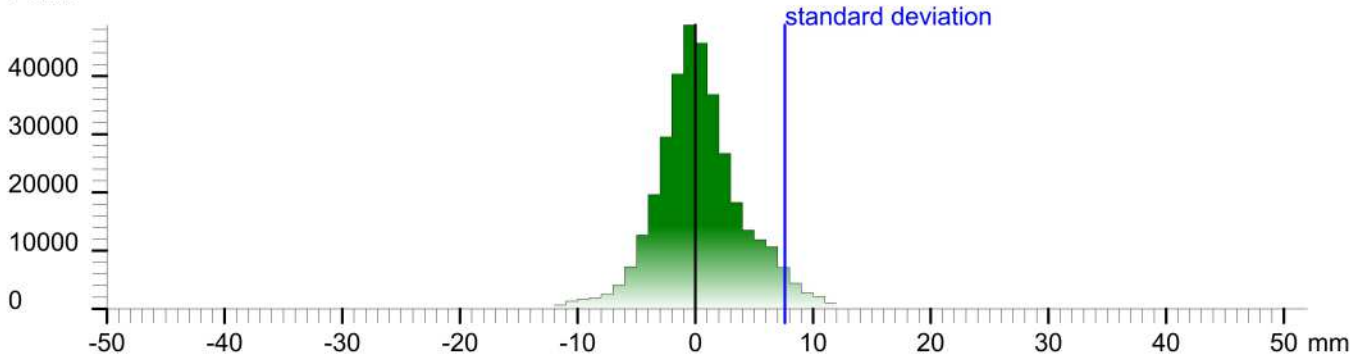
Registration matrix:

```
-0.652951  0.757400  -0.000436  2.4971 m
-0.757400  -0.652951  -0.000417  35.8821 m
-0.000600  0.000058  1.000000  -0.4890 m
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:7.6 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.193'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.193" -scanpos "193" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test -resolution h -quality default -lfron "0" -ho "181" -lfrum1 "20" -ho1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.977457 bar 302.33 m
nav translation: 11.3287 m -38.1410 m 302.2067 m accuracies: 14.0331 m 14.0331 m 0.0000 m
nav rotation: 0.0000 0.0000 124.5422 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.928410 long:26.369135 satellites:5 height:349.8m hdop:2.6 vdop:2.4m haacc:8.3m vacc:10.0 flags:G3 'stand alone 3D solution'
north:5197401.717 m east:451974.155 m zone:35T
Initial pre position (3:outdoor)
-0.567 0.824 0.000 119.063
-0.824 -0.567 0.000 -83.230
0.000 0.000 1.000 -110.239
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



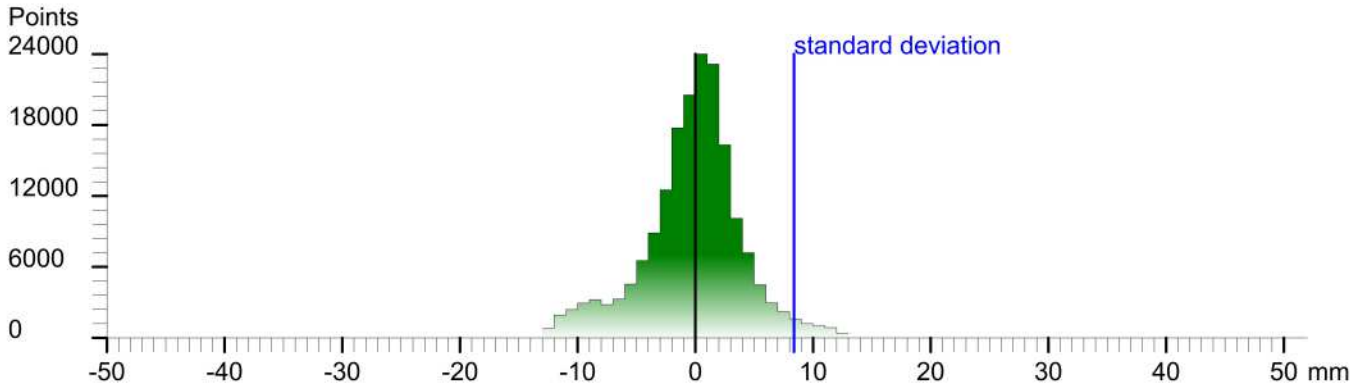
# Scan position '194'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
0.999920  0.012571  0.001128  42.3915 m
-0.012572 0.999921  0.000426  27.9008 m
-0.001122 -0.000440 0.999999  0.1689 m
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:8.4 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.194'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "ZRCServer 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.194" -scanpos "194" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test -resolution h -quality default -lfron "0" -fo "181" -lfrum1 "20" -fo1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.977306 bar 303.626 m
nav translation: 39.0474 m 2.8706 m 303.5796 m accuracies: 24.8566 m 24.8566 m 0.0001 m
nav rotation: 0.0000 0.0000 355.4131 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.928360 long:26.369623 satellites:6 height:349.4m hdop:2.0 vdop:1.9m haacc:9.8m vacc:11.0 flags:G3 'stand alone 3D solution'
north:5197395.908 m east:452011.282 m zone:35T
Initial pre position (3:outdoor)
0.997 -0.080 0.000 120.063
0.080 0.997 0.000 -82.230
0.000 0.000 1.000 -110.239
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '195'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

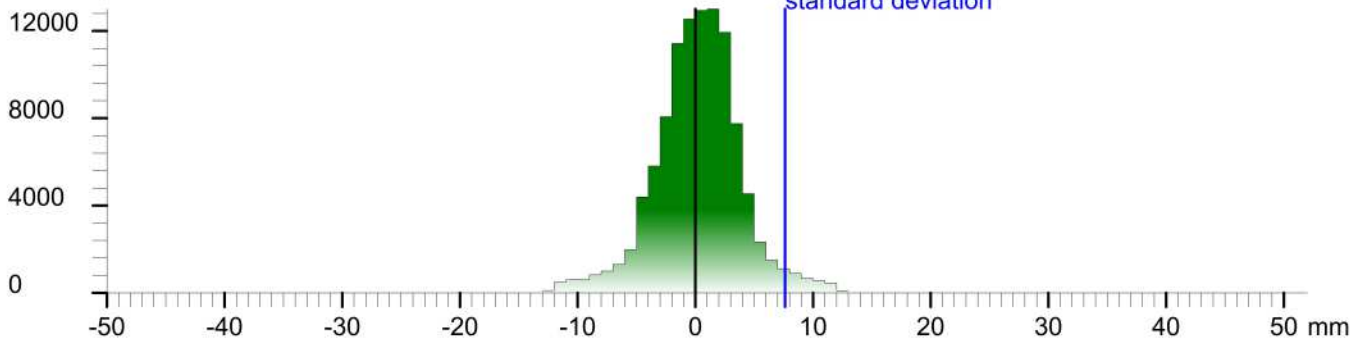
Registration matrix:

```
-0.025848  0.999666  0.000763  69.0648 m
-0.999666 -0.025847 -0.001073 -12.5596 m
-0.001053 -0.000790  0.999999  0.2994 m
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation: 7.6 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.195'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.195" -scanpos "195" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test -resolution h -quality default -lfram "0" -fo "181" -lfrum1 "20" -fo1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.977181 bar 304.699 m
nav translation: 13.1052 m -59.8378 m 304.5115 m accuracies: 36.4024 m 36.4024 m 0.0000 m
nav rotation: 0.0000 0.0000 89.0267 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.928009 long:26.370016 satellites:8 height:354.9m hdop:1.0 vdop:1.5m haacc:4.0m vacc:5.9 flags:G3 'stand alone 3D solution'
north:5197356.668 m east:452040.880 m zone:35T
Initial pre position (3:outdoor)
0.017 1.000 0.000 80.622
-1.000 0.017 0.000 -35.865
0.000 0.000 1.000 -109.307
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





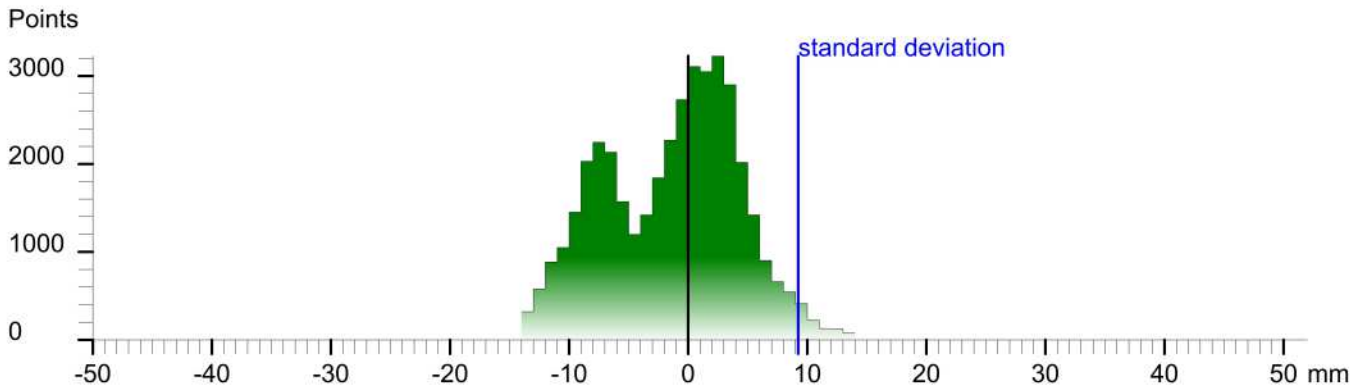
# Scan position '196'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.535367  0.844618  0.001693  58.3004 m  
-0.844619 -0.535363 -0.002243 -48.6087 m  
-0.000989 -0.002631  0.999996  -0.2371 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:9.2 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.196'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "LRCSEner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.196" -scanpos "196" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test -resolution h -quality default -lfram "0" -fo "181" -lfrum1 "20" -fo1 "340"  
Sensor  
sensors: 3100 " barometer translation rotation gps"  
Barometer: 0.977312 bar 303.574 m  
nav translation: -6.6407 m -46.1484 m 303.9982 m accuracies: 28.7094 m 28.7094 m 0.0000 m  
nav rotation: 0.0000 0.0000 117.7840 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:46.927685 long:26.369883 satellites:6 height:353.1m hdop:1.2 vdop:1.9m haacc:4.4m vacc:7.6 flags:G3 'stand alone 3D solution'  
north:5197320.718 m east:452030.427 m zone:35T  
Initial pre position (3:outdoor)  
-0.466 0.885 0.000 70.208  
-0.885 -0.466 0.000 -71.788  
0.000 0.000 1.000 -109.820  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '197'

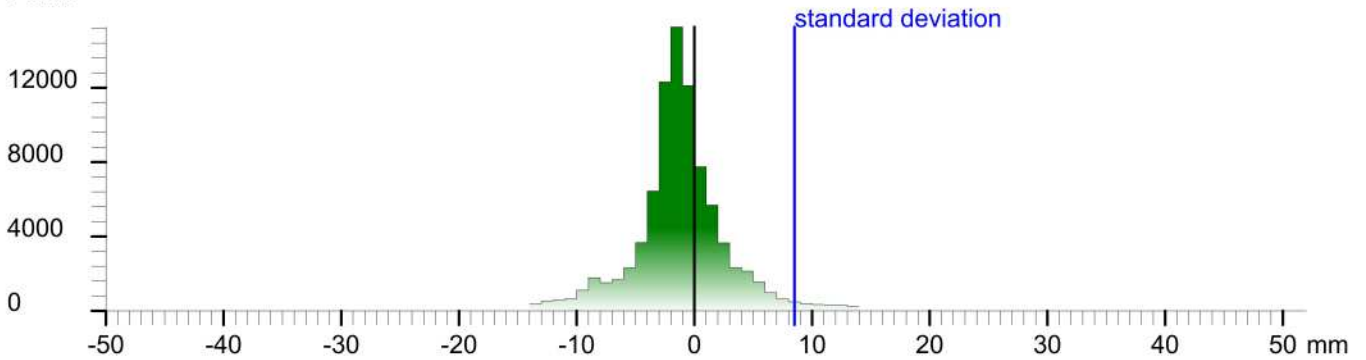
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.132438  0.991191  0.001231  50.1991 m  
-0.991187 -0.132433 -0.003138 -70.8303 m  
-0.002947 -0.001636 0.999994  -0.5272 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:8.5 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.197'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "LRCServer 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.197" -scanpos "197" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test-resolution h -quality default -lfram "0" -fo "181" -lfrum1 "20" -fo1 "340"  
Sensor  
sensors: 3100 " barometer translation rotation gps"  
Barometer: 0.977235 bar 304.233 m  
nav translation: 0.1172 m -26.8403 m 303.9843 m accuracies: 19.6408 m 19.6408 m 0.0000 m  
nav rotation: 0.0000 0.0000 91.6378 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:46.927456 long:26.369812 satellites:6 height:357.5m hdop:1.3 vdop:2.3m haacc:4.8m vacc:7.9 flags:G3 'stand alone 3D solution'  
north:5197295.326 m east:452024.850 m zone:35T  
Initial pre position (3:outdoor)  
-0.029 1.000 0.000 64.599  
-1.000 -0.029 0.000 -97.192  
0.000 0.000 1.000 -109.834  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



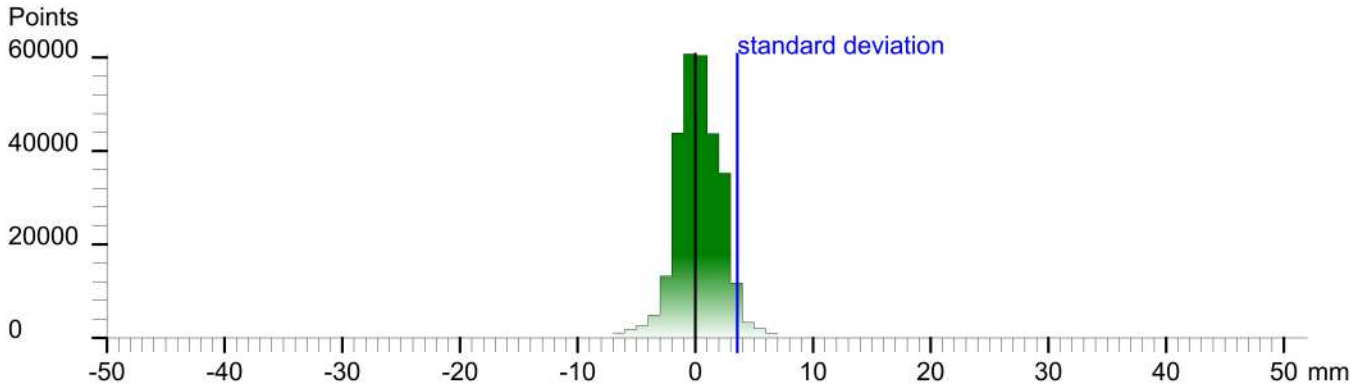
# Scan position '198'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.855284 -0.518161 0.000122 38.3327 m  
0.518160 -0.855283 -0.001485 -27.4877 m  
0.000874 -0.001207 0.999999 0.0834 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.6 mm

## Deviation histogram



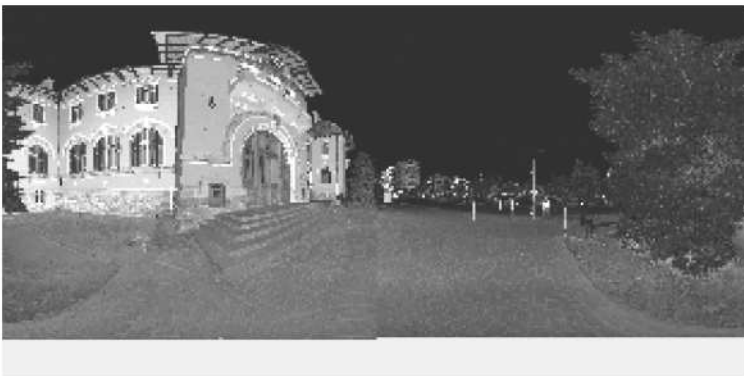
## Scan 'Muz.Ist.Neamt Sc.198'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "ZRCServer 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.198" -scanpos "198" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test-resolution h -quality default -frames "0" -to "181" -illum1 "20" -iso1 "340"  
Sensor  
sensors: 3100 " barometer translation rotation gps"  
Barometer: 0.977261 bar 304.014 m  
nav translation: -11.5332 m 45.2482 m 303.9781 m accuracies: 28.8333 m 28.8333 m 0.0000 m  
nav rotation: 0.0000 0.0000 202.8244 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:46.927788 long:26.369596 satellites:3 height:352.3m hdop:2.8 vdop:1.0m hacc:17.0m vacc:14.0 flags:G2 'stand alone 2D solution'  
north:5197332.338 m east:452008.738 m zone:35T  
Initial pre position (0:indoor)  
-0.922 -0.388 0.000 53.066  
0.388 -0.922 0.000 -51.944  
0.000 0.000 1.000 -109.840  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '199'

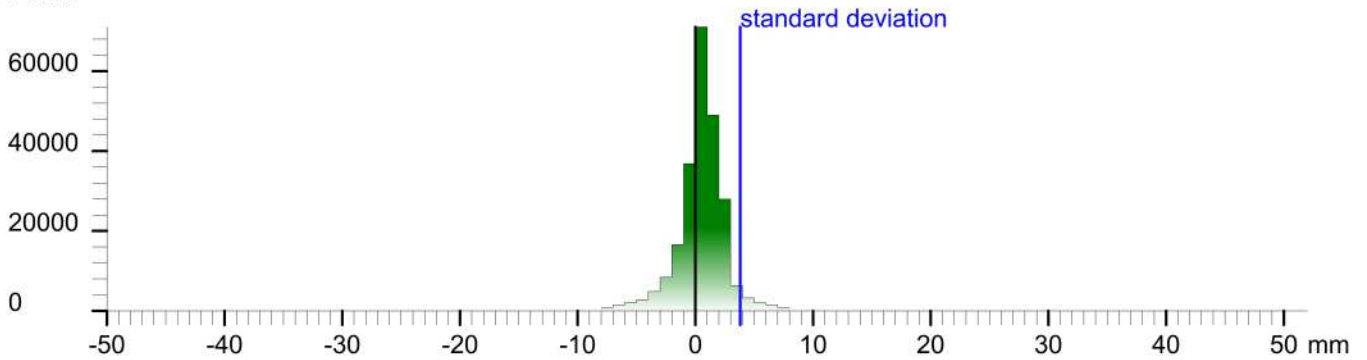
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.735068 -0.677994 0.000372 39.4894 m  
0.677993 -0.735068 -0.001323 -14.8613 m  
0.001170 -0.000720 0.999999 0.2723 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.8 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.199'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "LRCSEner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.199" -scanpos "199" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test-resolution h -quality default -lfron "0" -fo "181" -lfrum1 "20" -fo1 "340"  
Sensor  
sensors: 3100 " barometer translation rotation gps"  
Barometer: 0.977328 bar 303.436 m  
nav translation: -10.1044 m 10.7346 m 303.7066 m accuracies: 12.6666 m 12.6666 m 0.0000 m  
nav rotation: 0.0000 0.0000 210.1124 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:46.927929 long:26.369625 satellites:3 height:352.8m hdop:2.8 vdop:1.0m hacc:14.0m vacc:4.6 flags:G2'stand alone 2D solution'  
north:5197348.005 m east:452011.043 m zone:35T  
Initial pre position (0:indoor)  
-0.865 -0.502 0.000 42.961  
0.502 -0.865 0.000 -41.209  
0.000 0.000 1.000 -110.112  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '2'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

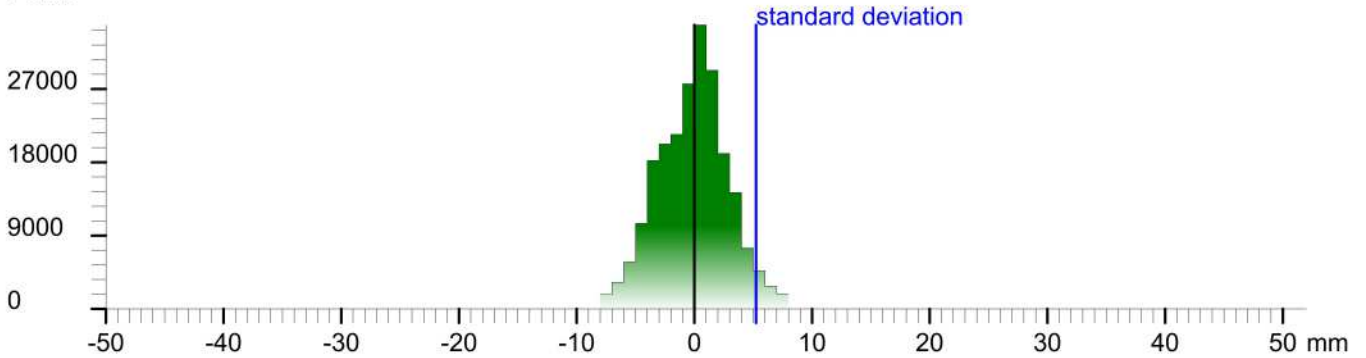
Registration matrix:

```
0.705349 0.708860 -0.000555 8.7370 m
-0.708860 0.705349 0.000650 7.7891 m
0.000852 -0.000066 1.000000 0.0617 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:5.2 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.2'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "Z+F IMAGER 5016" -memorize 1 -file "Muz.Ist.Neamt Sc.2" -scenpos "2" -path "Muzel de istorie Neamt" -project "Muzel de istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "cam" -panoramaparams fast -resolution h -quality default -from "0" -to "181" -infrom1 "20" -to1 "180"
```

Sensor  
sensors: 3100 " barometer translation rotation gps"  
Barometer: 0.964460 bar 414.33 m  
nav translation: 12.0163 m -8.3165 m 413.9845 m accuracies: 12.4599 m 12.4599 m 0.0000 m  
nav rotation: 0.0000 0.0000 43.4161 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:46.928158 long:26.369282 satellites:4 height:342.9m hdop:4.9 vdop:6.5m hacc:14.0m vacc:19.0 flags:G3 'stand alone 3D solution'  
north:5197373.650 m east:451985.111 m zone:35T  
Initial pre position (3:outdoor)  
0.726 0.687 0.000 12.018  
-0.687 0.726 0.000 -8.316  
0.000 0.000 1.000 1.419  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



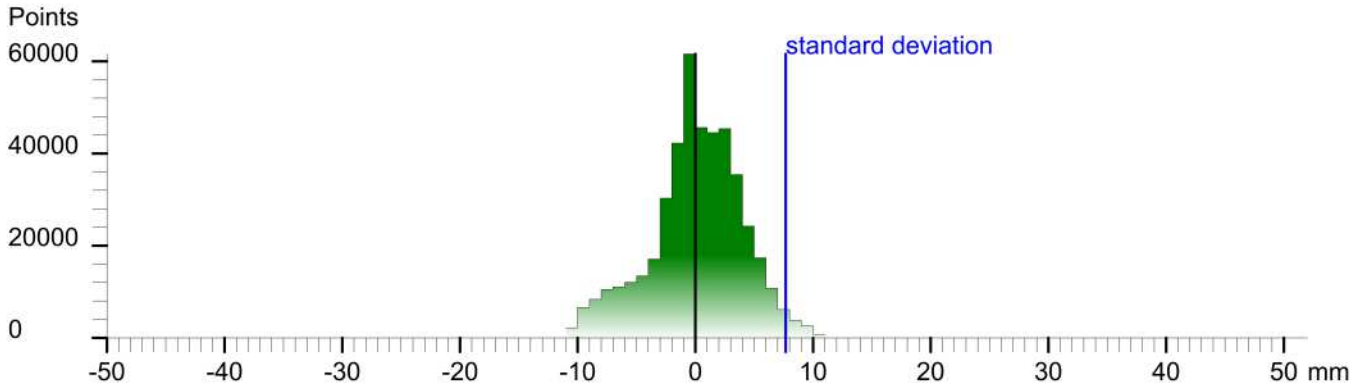
# Scan position '20'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.746797	-0.665052	-0.000568	15.4407 m
0.665050	0.746797	-0.001841	-47.2585 m
0.001648	0.000997	0.999998	-0.2525 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 7.7 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.20'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.20" -scansize "20" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -tiltmin "20" -tilt "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.962376 bar 432.404 m
nav translation: 2.7053 m -2.1170 m 431.7833 m accuracies: 6.8406 m 6.8406 m 0.0001 m
nav rotation: 0.0000 0.0000 310.8051 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.927723 long:26.369320 satellites:5 height:355.4m hdop:3.7 vdop:5.6m haacc:8.3m vacc:13.0 flags:G3 'stand alone 3D solution'
north:5197325.301 m east:451987.626 m zone:35T
Initial pre position (3:outdoor)
0.653 -0.757 0.000 35.279
0.757 0.653 0.000 -77.048
0.000 0.000 1.000 19.338
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '200'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

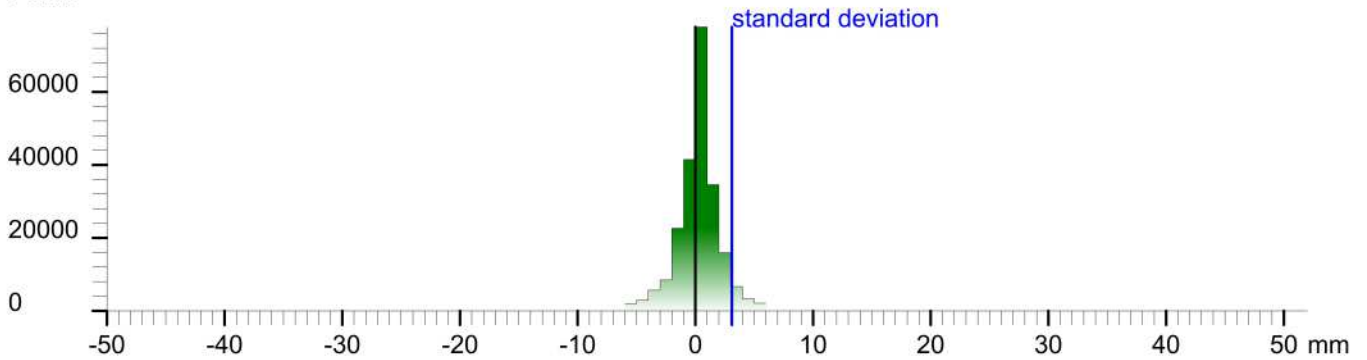
Registration matrix:

```
-0.803835  0.594853  0.000923  25.6236 m
-0.594854 -0.803834 -0.001094 -12.4033 m
0.000091  -0.001428  0.999999   1.5760 m
0.000000  0.000000  0.000000   1.0000
```

Result registration cloud to cloud standard deviation:3.1 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.200'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

Scan command: -cli "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.200" -scanpos "200" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test-resolution h -quality default -lfron "0" -fo "181" -lfron1 "20" -fo1 "340"

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.977119 bar 305.231 m  
nav translation: -16.8409 m 19.0563 m 304.7572 m accuracies: 17.7513 m 17.7513 m 0.0001 m  
nav rotation: 0.0000 0.0000 126.4837 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.595 0.804 0.000 26.120  
-0.804 -0.595 0.000 -22.153  
0.000 0.000 1.000 -109.061  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '201'

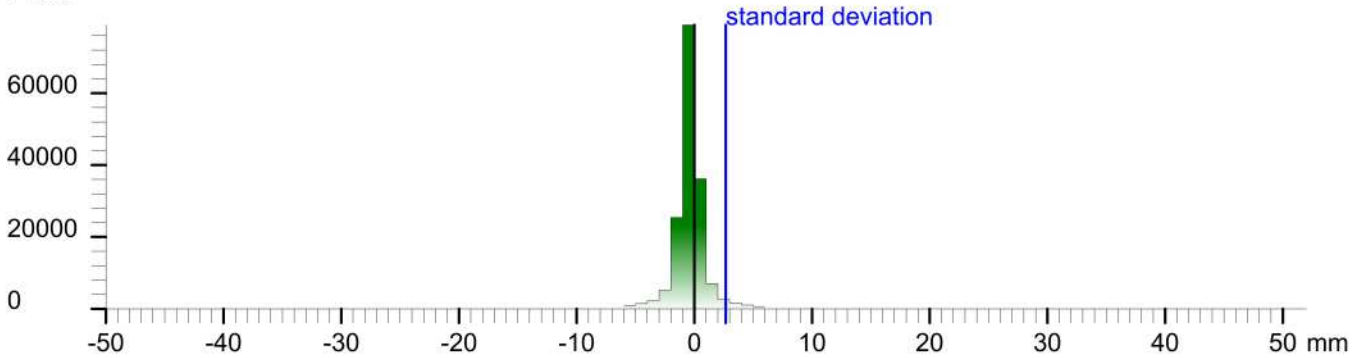
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
0.832301 -0.554326 -0.000083 26.5761 m
0.554326 0.832300 0.000130 -9.7000 m
-0.000003 -0.000155 1.000000 1.5826 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 2.7 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.201'

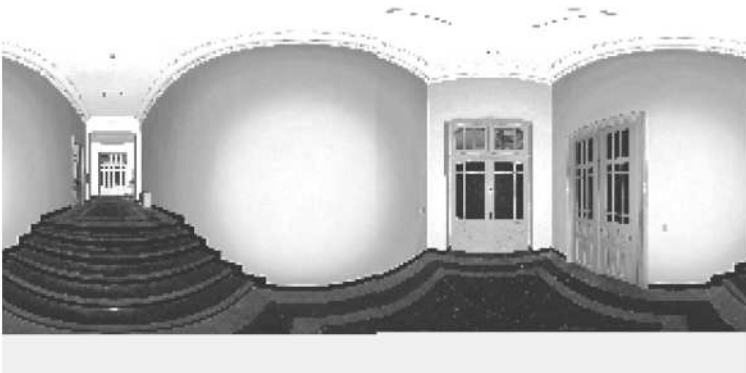
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.201" -scanpos "201" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test -resolution h -quality default -lfron "0" -fo "181" -lfrun1 "20" -fo1 "340"
```

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.977168 bar 304.808 m  
nav translation: -0.0692 m 0.5044 m 305.4890 m accuracies: 5.3627 m 5.3627 m 0.0001 m  
nav rotation: 0.0000 0.0000 319.0471 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.755 -0.655 0.000 26.051  
0.655 0.755 0.000 -21.649  
0.000 0.000 1.000 -108.330  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





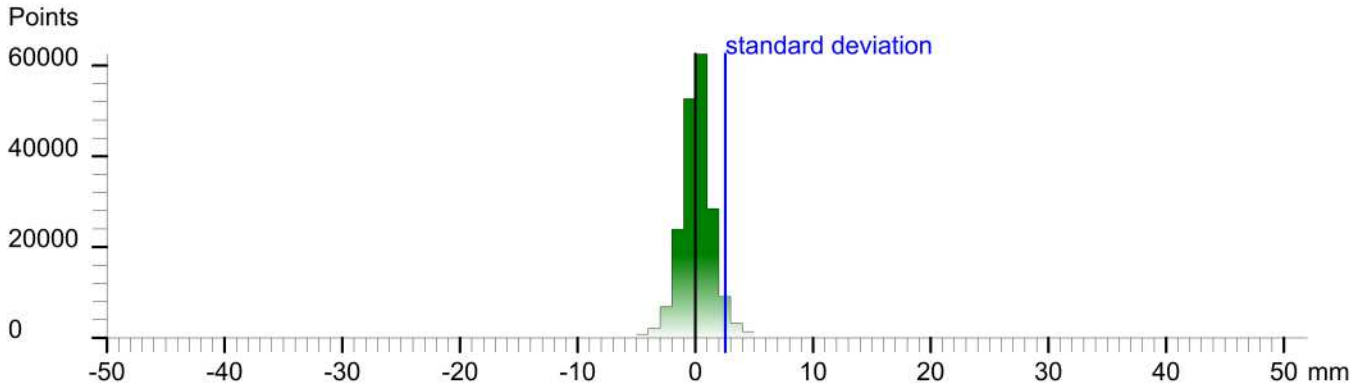
# Scan position '202'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
0.846198 -0.532869 -0.000326 28.0986 m
0.532869 0.846198 0.000437 -5.2744 m
0.000043 -0.000544 1.000000 2.4476 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.5 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.202'

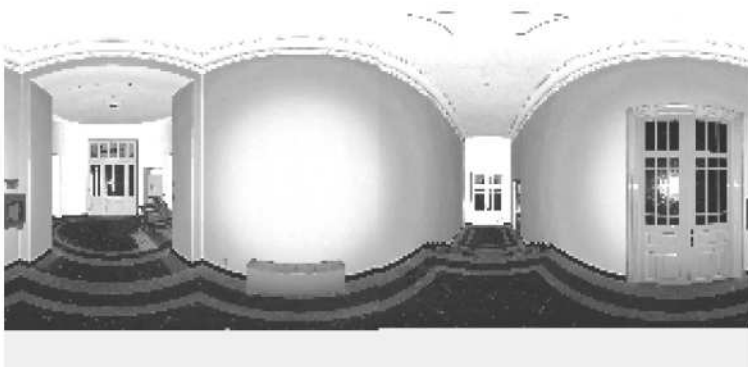
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /home/.../RCSense 9.0.3/ -memorize 1 -file "Muz.Ist.Neamt Sc.202" -scanpos "202" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test -resolution h -quality default -frames "0" -fov "181" -illum1 "20" -fov1 "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.977122 bar 305.206 m  
nav translation: 0.9285 m 4.7135 m 305.7939 m accuracies: 7.5227 m 7.5227 m 0.0000 m  
nav rotation: 0.0000 0.0000 323.3414 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.802 -0.597 0.000 26.980  
0.597 0.802 0.000 -16.935  
0.000 0.000 1.000 -108.025  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



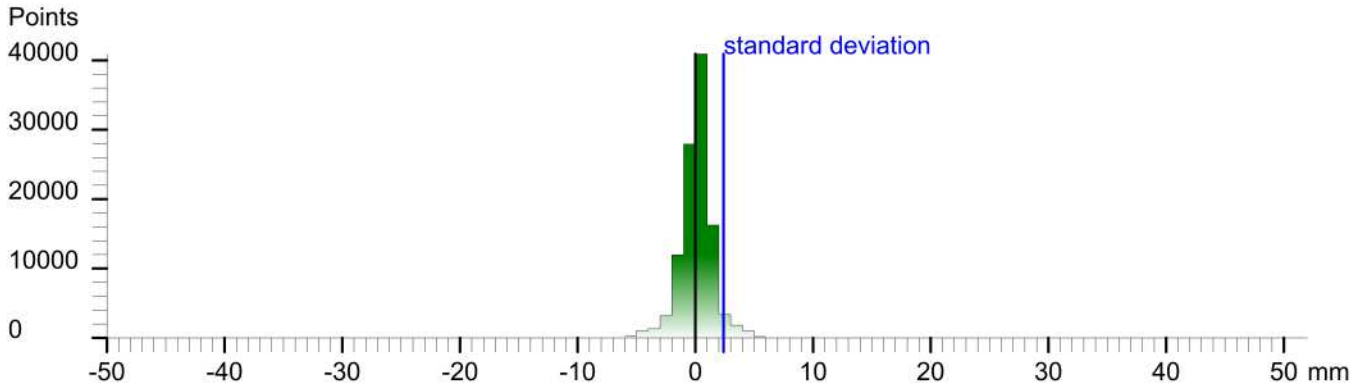
# Scan position '203'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
0.857360 -0.514719 -0.000022 29.8140 m
0.514719 0.857359 0.001065 -0.6376 m
-0.000529 -0.000924 1.000000 2.4384 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 2.4 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.203'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.203" -scanpos "203" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test-resolution h -quality default -lfron "0" -fo "181" -lfron1 "20" -fo1 "140"
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.977238 bar 304.208 m  
nav translation: 0.6902 m 1.9805 m 304.6530 m accuracies: 6.1623 m 6.1623 m 0.0000 m  
nav rotation: 0.0000 0.0000 326.7120 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.836 -0.549 0.000 27.670  
0.549 0.836 0.000 -14.955  
0.000 0.000 1.000 -109.165  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '204'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

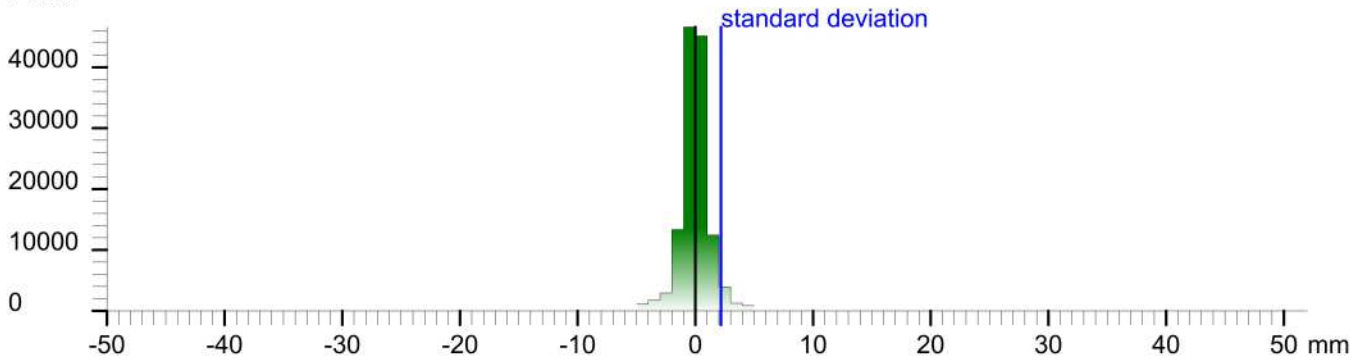
Registration matrix:

```
-0.499991 -0.866031 -0.000709 24.7965 m
0.866031 -0.499991 -0.000599 -10.3478 m
0.000164 -0.000914 1.000000 1.5631 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.2 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.204'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

Scan command: -cli "ZRCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.204" -scanpos "204" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test -resolution h -quality default -frames "0" -fov "181" -illum1 "20" -fov1 "340"

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.977346 bar 303.282 m  
nav translation: 6.1322 m -10.4967 m 303.1952 m accuracies: 11.2579 m 11.2579 m 0.0000 m  
nav rotation: 0.0000 0.0000 223.0314 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.731 -0.682 0.000 33.802  
0.682 -0.731 0.000 -25.451  
0.000 0.000 1.000 -110.623  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '205'

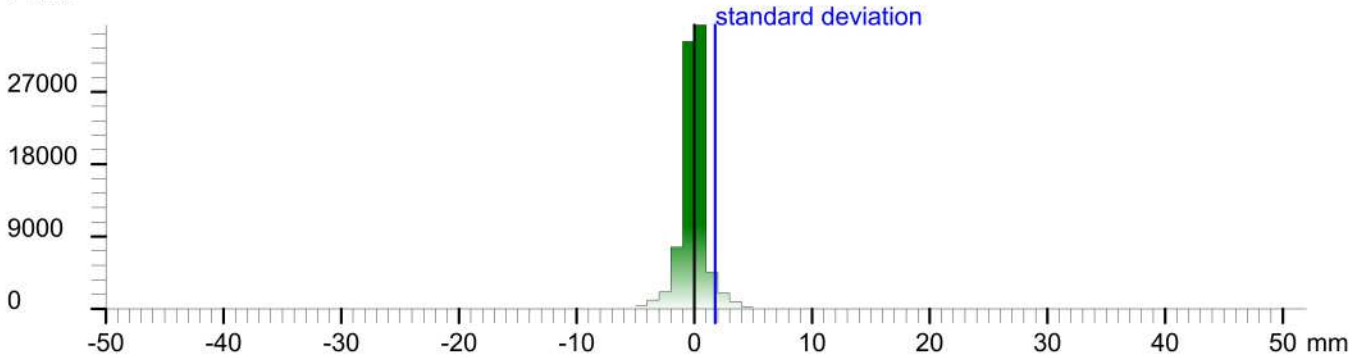
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.694085 -0.719892 -0.001366 22.5607 m  
0.719893 -0.694086 -0.000417 -9.3422 m  
-0.000648 -0.001273 0.999999 1.5291 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.8 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.205'

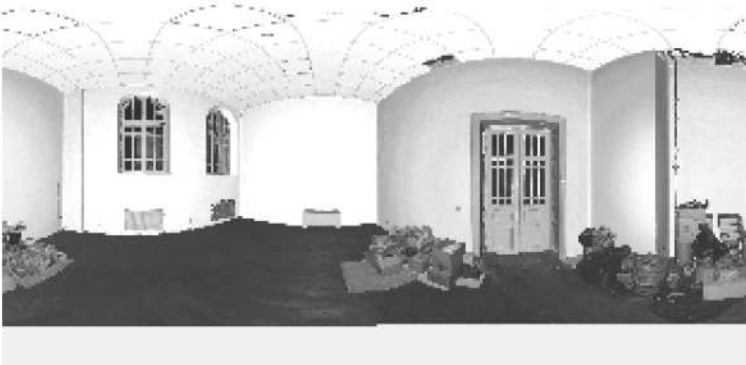
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "ZFSense 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.205" -scanpos "205" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test -resolution h -quality default -frames "0" -to "181" -frames "20" -to1 "340"
```

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.977327 bar 303.447 m  
nav translation: -1.7658 m 0.1175 m 303.1136 m accuracies: 5.9897 m 5.9897 m 0.0000 m  
nav rotation: 0.0000 0.0000 207.1298 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.890 -0.456 0.000 32.036  
0.456 -0.890 0.000 -25.334  
0.000 0.000 1.000 -110.705  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '206'

Scan position is member of group(s):

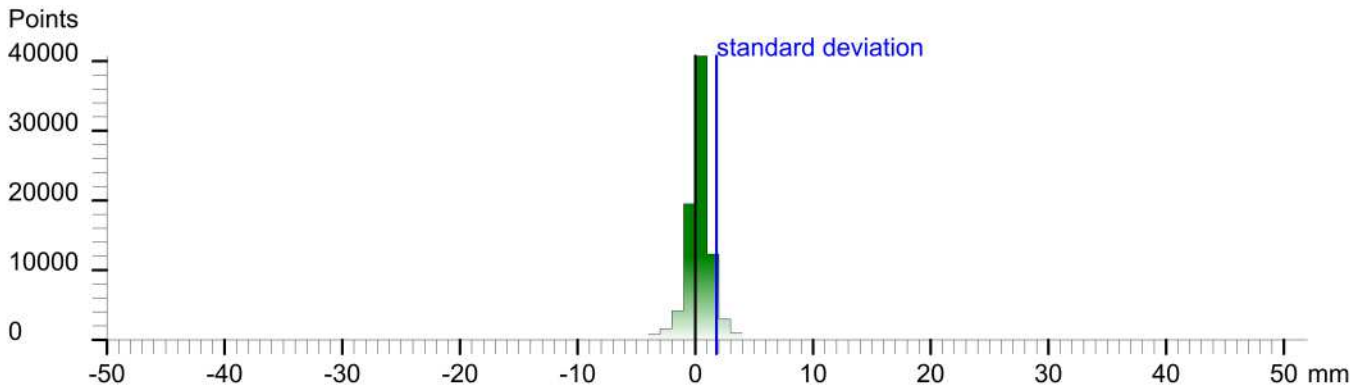
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

```
-0.358682 -0.933459 -0.001543 22.2047 m
0.933460 -0.358683 0.000214 -6.3196 m
-0.000753 -0.001363 0.999999 1.5339 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.8 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.206'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

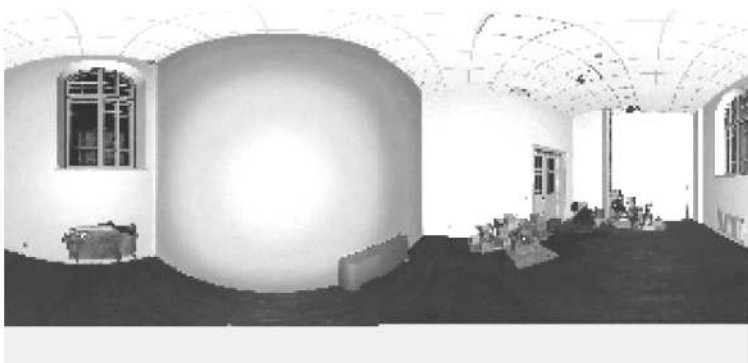
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.206" -scanpos "206" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test -resolution h -quality default -lfron "0" -ho "181" -lfrum1 "20" -ho1 "340"`

Sensor  
sensors: 3096 \* barometer translation rotation  
Barometer: 0.977142 bar 305.033 m  
nav translation: -0.9640 m 0.1535 m 303.7810 m accuracies: 5.6002 m 5.6002 m 0.0000 m  
nav rotation: 0.0000 0.0000 234.0846 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.587 -0.810 0.000 31.072  
0.810 -0.587 0.000 -25.180  
0.000 0.000 1.000 -110.038  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '207'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

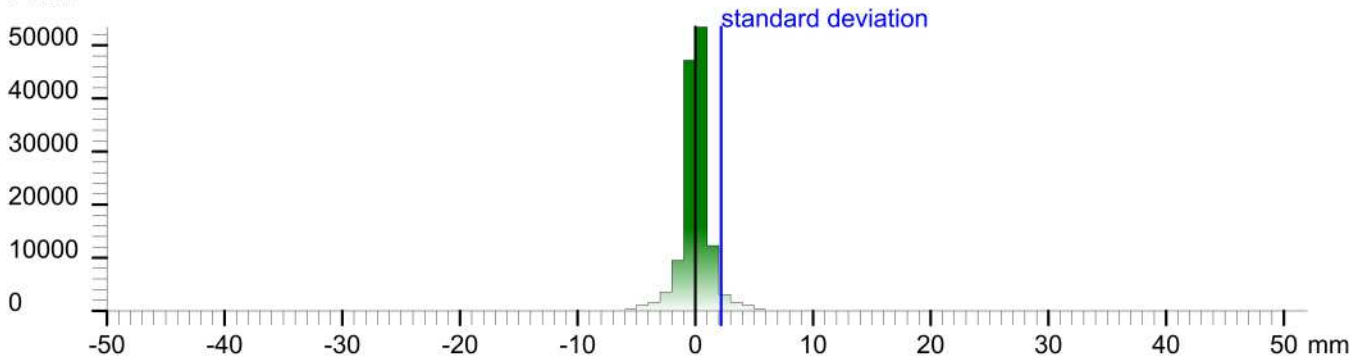
Registration matrix:

```
-0.566304 -0.824197 -0.000983 26.6881 m
0.824197 -0.566304 -0.000088 -4.5945 m
-0.000484 -0.000860 1.000000 2.4494 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.2 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.207'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.207" -scanpos "207" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test-resolution h -quality default -lfron "0" -fo "181" -lfron1 "20" -fo1 "340"

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.976983 bar 306.395 m  
nav translation: 0.5136 m 8.6853 m 306.6813 m accuracies: 9.5226 m 9.5226 m 0.0000 m  
nav rotation: 0.0000 0.0000 231.5522 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.622 -0.783 0.000 31.586  
0.783 -0.622 0.000 -16.495  
0.000 0.000 1.000 -107.137  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '208'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

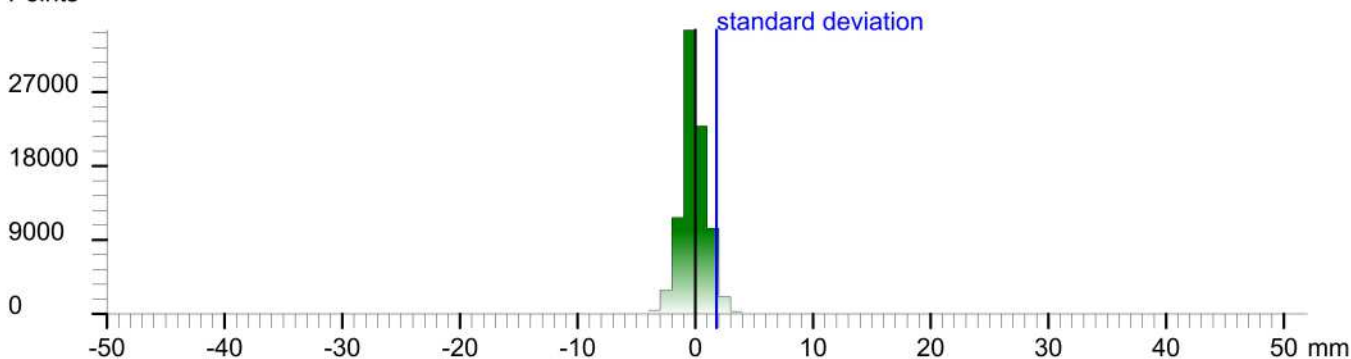
Registration matrix:

```
-0.852785  0.522262 -0.000781  23.1325 m  
-0.522262 -0.852785 -0.001238  -2.4638 m  
-0.001313 -0.000648  0.999999   2.4477 m  
0.000000  0.000000  0.000000   1.0000
```

Result registration cloud to cloud standard deviation: 1.8 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.208'

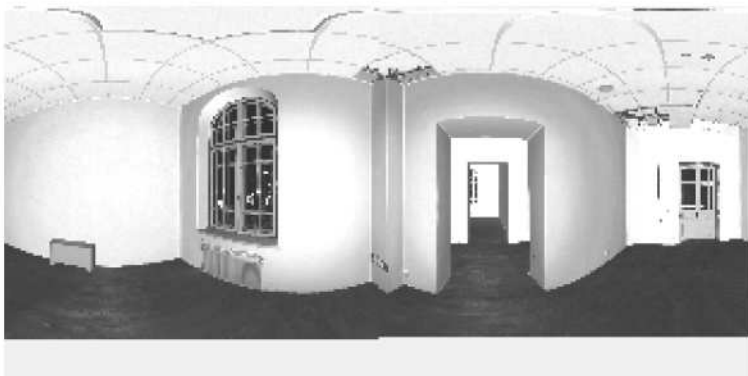
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "LRCSensor 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.208" -scanpos "208" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test -resolution h -quality default -frames "0" -fov "181" -illum1 "20" -fov1 "340"  
Sensor  
sensors: 3096 " barometer translation rotation"  
Barometer: 0.976766 bar 308.256 m  
nav translation: -5.0466 m -0.0536 m 308.1082 m accuracies: 7.6363 m 7.6363 m 0.0000 m  
nav rotation: 0.0000 0.0000 142.3589 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.792 0.611 0.000 26.539  
-0.611 -0.792 0.000 -16.549  
0.000 0.000 1.000 -105.710  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '209'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

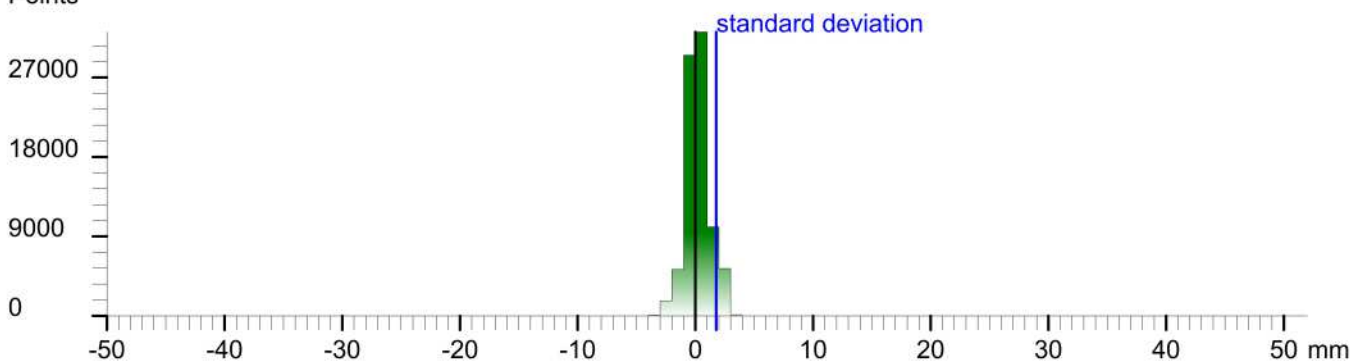
Registration matrix:

```
0.688099 -0.725617 -0.001342 24.2540 m
0.725619 0.688098 0.001246 0.1939 m
0.000020 -0.001831 0.999998 2.4404 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.8 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.209'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 5016" -memorize 1 -file "Muz.Ist.Neamt Sc.209" -scanpos "209" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test-resolution h -quality default -ifram "0" -fo "181" -ifram1 "20" -fo1 "140"
Sensor
sensors: 3096 "barometer translation rotation"
Barometer: 0.976664 bar 309.128 m
nav translation: -0.4905 m 1.3266 m 309.5684 m accuracies: 5.8090 m 5.8090 m 0.0000 m
nav rotation: 0.0000 0.0000 312.6234 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.677 -0.736 0.000 26.049
0.736 0.677 0.000 -15.222
0.000 0.000 1.000 -104.250
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





# Scan position '21'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

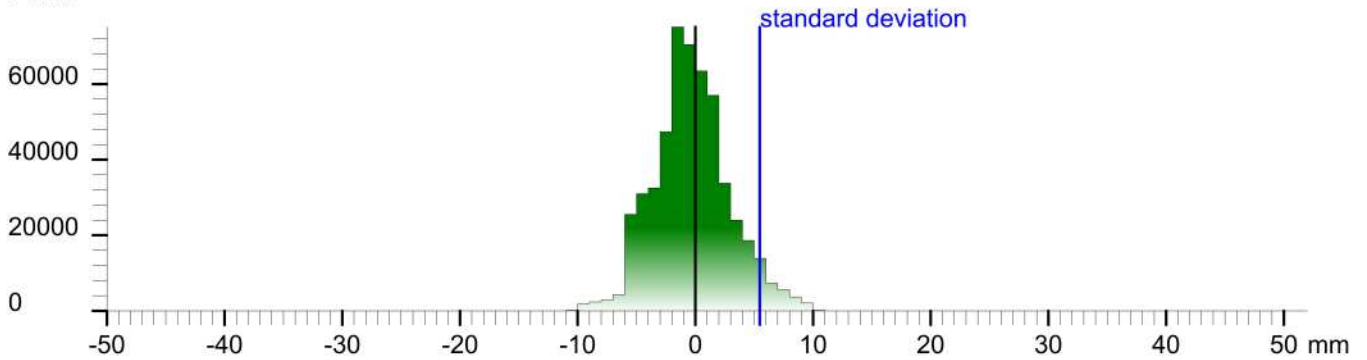
Registration matrix:

0.662966	-0.748650	-0.000382	8.3405 m
0.748649	0.662966	-0.000916	-43.9260 m
0.000939	0.000321	1.000000	-0.0877 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:5.5 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.21'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.21" -scanpos "21" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -ffrom "0" -to "181" -ffrom1 "20" -file "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.962088 bar 434.903 m
nav translation: 1.2206 m 9.5944 m 434.1320 m accuracies: 9.9580 m 9.9580 m 0.0000 m
nav rotation: 0.0000 0.0000 315.0278 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.927700 long:26.369274 satellites:5 height:344.5m hdop:1.9 vdop:2.0m haacc:6.2m vacc:8.0 flags:G3 'stand alone 3D solution'
north:5197322.786 m east:451984.121 m zone:35T
Initial pre position (3:outdoor)
0.707 -0.707 0.000 23.860
0.707 0.707 0.000 -69.749
0.000 0.000 1.000 21.686
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '210'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

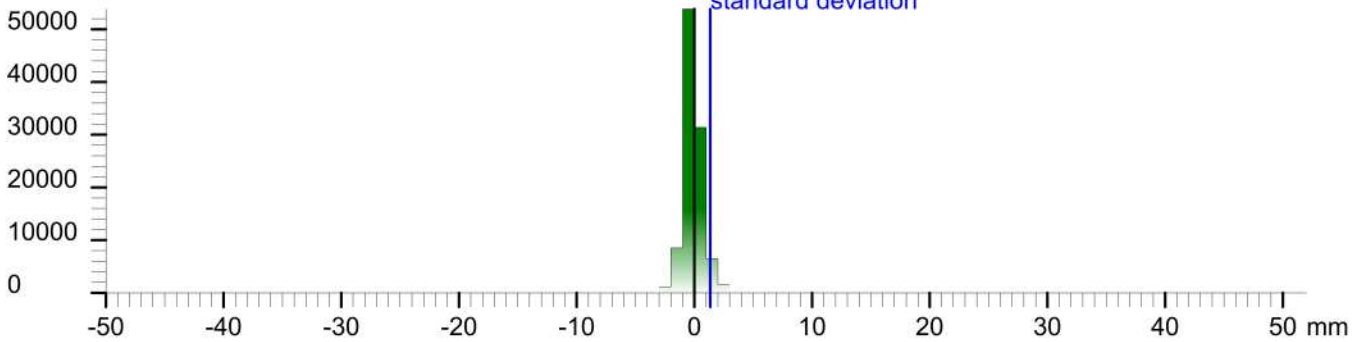
Registration matrix:

0.643657	-0.765314	-0.001272	24.8386 m
0.765315	0.643655	0.001616	2.2276 m
-0.000418	-0.002014	0.999998	2.4376 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.4 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.210'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

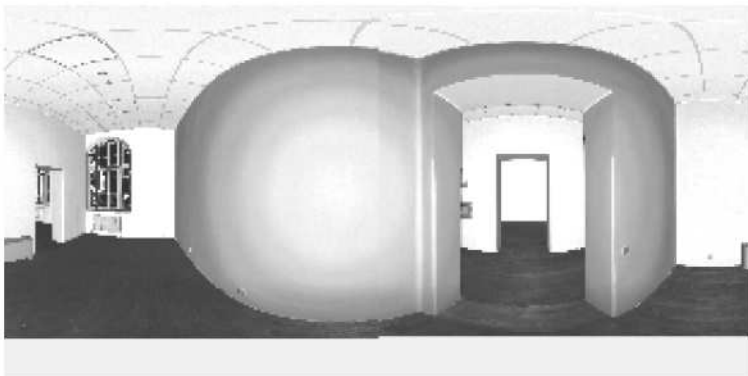
Scan command: -crl "RCServer 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.210" -scanpos "210" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test -resolution h -quality default -lfron "0" -fo "181" -lfrun1 "20" -fo1 "340"

Error or warnings while recording:  
Error 116

Sensor

sensors: 3096 ' barometer translation rotation'  
Barometer: 0.976610 bar 309.589 m  
nav translation: 0.1347 m 0.6062 m 308.7620 m accuracies: 5.4182 m 5.4182 m 0.0000 m  
nav rotation: 0.0000 0.0000 314.3590 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
initial pre position (4:1m)  
1.000 0.000 0.000 0.000  
0.000 1.000 0.000 0.000  
0.000 0.000 1.000 0.000  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '212'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

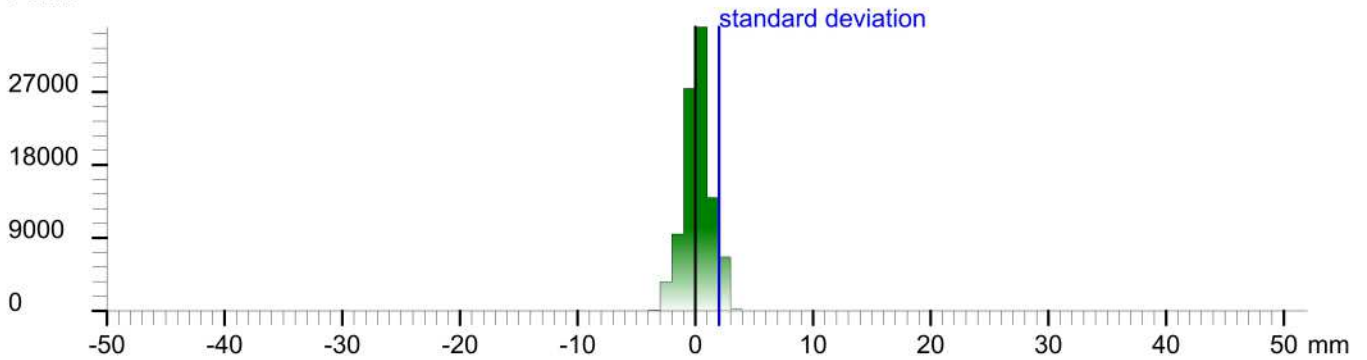
Registration matrix:

```
-0.998581 -0.053257 -0.001643 23.4414 m
0.053254 -0.998581 0.001416 5.0715 m
-0.001716 0.001327 0.999998 2.4410 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.0 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.212'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

Scan command: 'cd /usr/local/bin -m memorize 1 -file "Muz.Ist.Neamt Sc.212" -scanpos "212" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test -resolution h -quality default -frames "0" -to "181" -illum1 "0" -no1 "040"

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.976473 bar 310.766 m  
nav translation: 0.0000 m 0.0000 m 310.6926 m accuracies: 5.1000 m 5.1000 m 0.0000 m  
nav rotation: 0.0000 0.0000 178.9745 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-1.000 0.018 0.000 26.183  
-0.018 -1.000 0.000 -14.616  
0.000 0.000 1.000 -103.126  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '213'

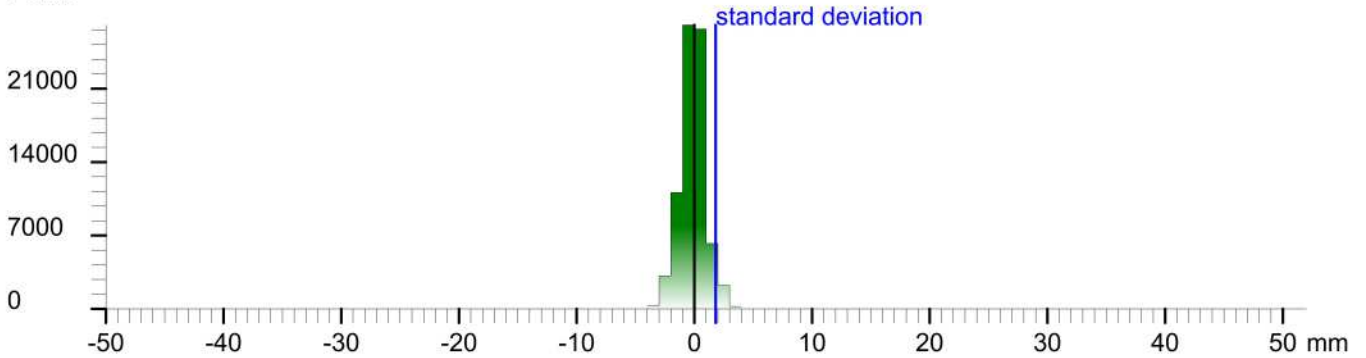
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.978745 -0.205078 -0.001931 20.8248 m  
0.205078 -0.978747 0.000372 5.8440 m  
-0.001966 -0.000032 0.999998 2.4188 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.8 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.213'

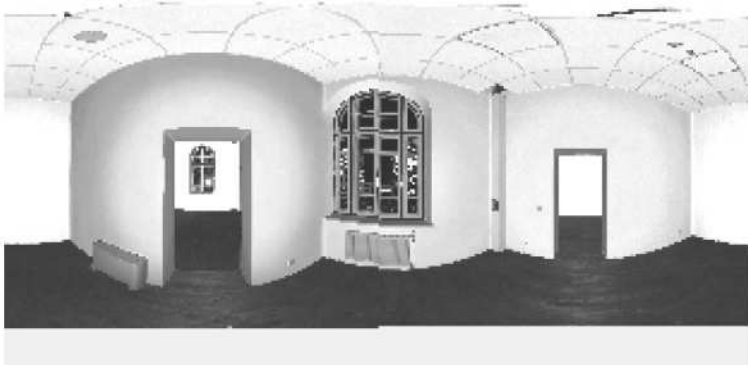
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "ZCSense 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.213" -scanpos "213" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test -resolution h -quality default -frames "0" -fov "181" -illum1 "20" -fov1 "340"
```

```
Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.976546 bar 310.138 m  
nav translation: -3.0176 m -0.8069 m 310.1350 m accuracies: 6.6650 m 6.6650 m 0.0000 m  
nav rotation: 0.0000 0.0000 189.6174 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.986 -0.167 0.000 23.166  
0.167 -0.986 0.000 -15.423  
0.000 0.000 1.000 -103.684  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '214'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

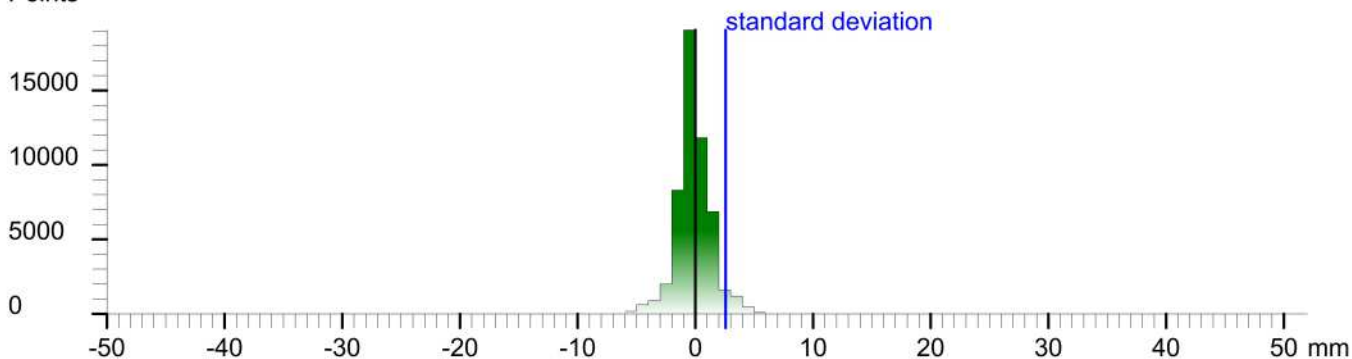
Registration matrix:

```
-0.793083 -0.609110 -0.002377 17.4277 m
0.609110 -0.793086 0.000731 7.1832 m
-0.002330 -0.000867 0.999997 2.4155 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.6 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.214'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

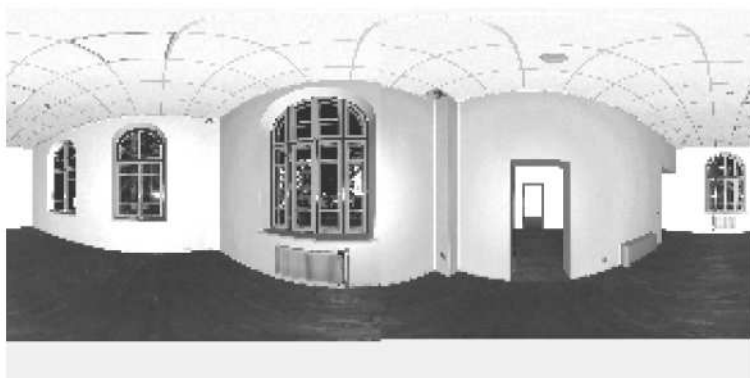
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.214" -scanpos "214" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test -resolution h -quality default -lfron "0" -ho "181" -lfrum1 "20" -ho1 "340"
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.976252 bar 312.665 m  
nav translation: -1.0114 m 0.1381 m 311.7524 m accuracies: 5.6230 m 5.6230 m 0.0000 m  
nav rotation: 0.0000 0.0000 212.1960 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.846 -0.533 0.000 22.154  
0.533 -0.846 0.000 -15.285  
0.000 0.000 1.000 -102.066  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '215'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

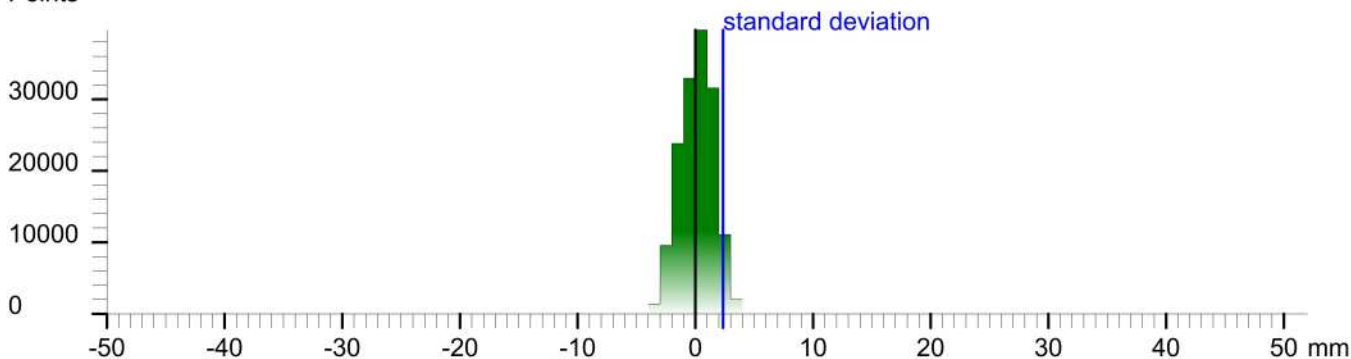
Registration matrix:

```
-0.079307  0.996851  -0.000854  16.0294 m  
-0.996851  -0.079307  0.000039  3.0681 m  
-0.000029  0.000855  1.000000  2.4102 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation: 2.4 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.215'

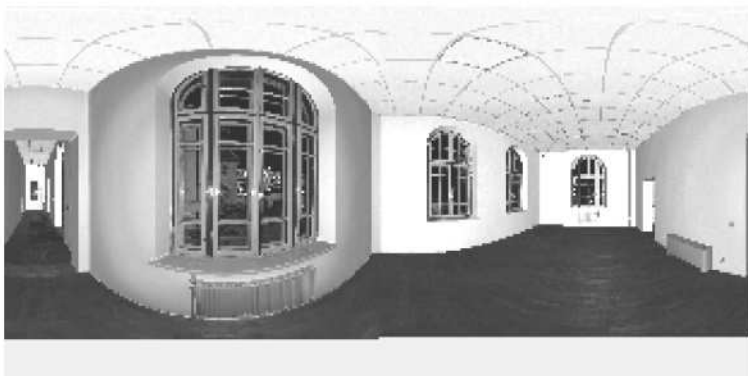
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "LRCServer 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.215" -scanpos "215" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test -resolution h -quality default -lfron "0" -fo "181" -lfrun1 "20" -fo1 "340"  
Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.976342 bar 311.891 m  
nav translation: -0.4560 m -1.4834 m 312.1417 m accuracies: 5.8992 m 5.8992 m 0.0001 m  
nav rotation: 0.0000 0.0000 94.8839 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.085 0.996 0.000 21.698  
-0.996 -0.085 0.000 -16.768  
0.000 0.000 1.000 -101.677  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



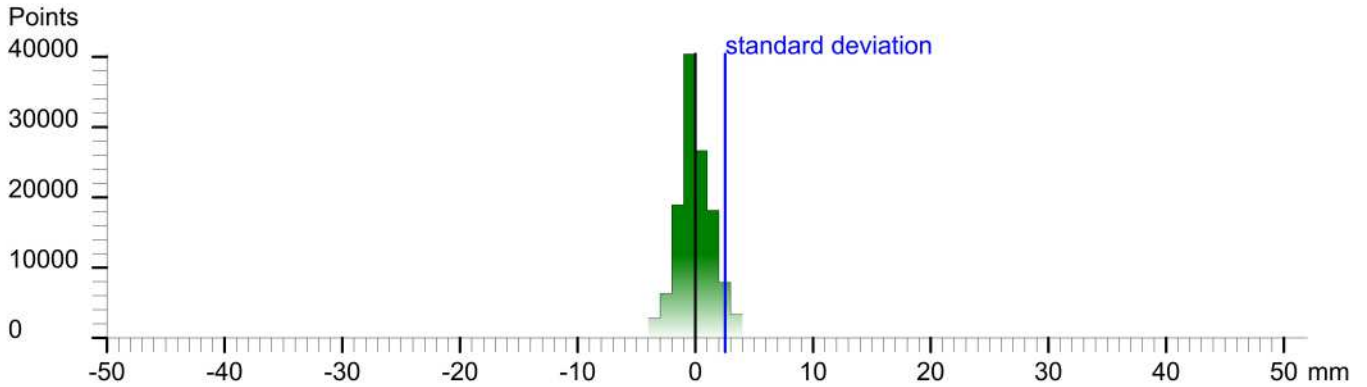
# Scan position '216'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.765610	0.643306	-0.000841	20.2784 m
-0.643305	0.765611	0.000980	1.4275 m
0.001275	-0.000209	0.999999	2.4217 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.5 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.216'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `ctrl 1,RCSEner 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.216" -scanpos "216" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature 20 -camera "i-cam" -panoramaparams test -resolution h -quality default -lfron 70 -ho "181" -lfrum1 20 -ho1 "340"`

Sensor

sensors: 3096 ' barometer translation rotation'  
Barometer: 0.976329 bar 312.006 m  
nav translation: 1.9588 m -1.1766 m 312.1678 m accuracies: 6.2691 m 6.2691 m 0.0000 m  
nav rotation: 0.0000 0.0000 43.7577 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0 indoor)  
0.722 0.692 0.000 23.657  
-0.692 0.722 0.000 -17.945  
0.000 0.000 1.000 -101.651  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '217'

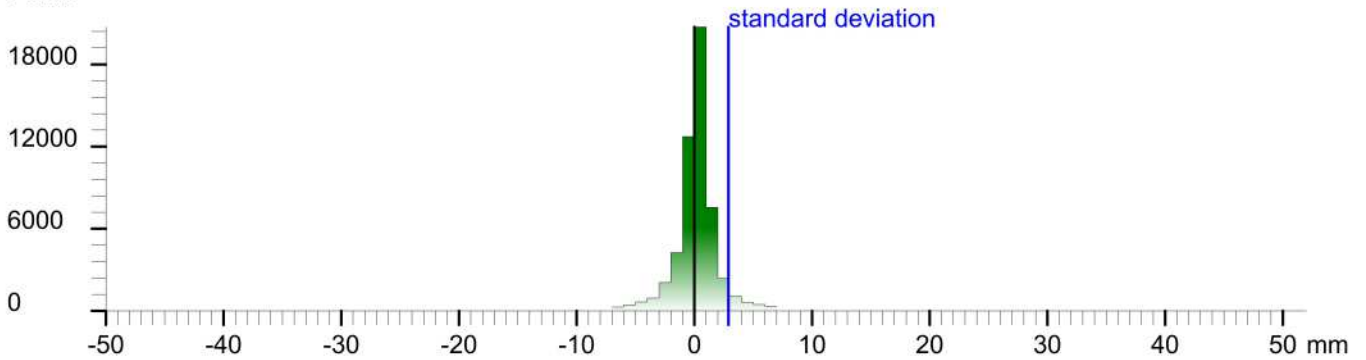
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.527344 -0.849652 -0.000120 31.8735 m  
0.849652 -0.527345 -0.000199 -2.4054 m  
0.000106 -0.000207 1.000000 2.4533 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 2.9 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.217'

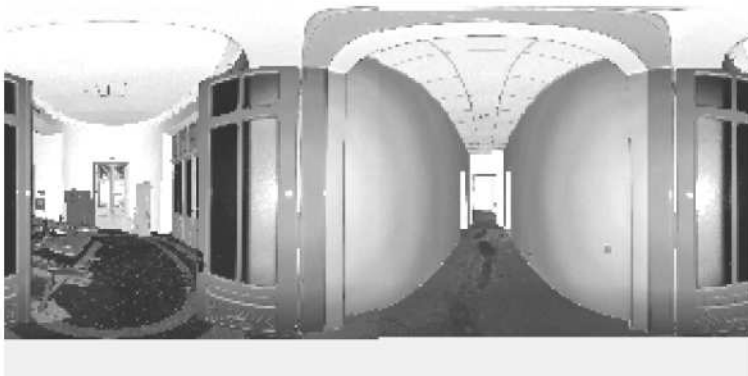
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `ctrl "ZCSense 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.217" -scanpos "217" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test -resolution h -quality default -lfron "0" -fo "181" -lfrun1 "20" -fo1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.976122 bar 313.781 m  
nav translation: 10.8925 m 2.1444 m 312.6997 m accuracies: 10.6813 m 10.6813 m 0.0001 m  
nav rotation: 0.0000 0.0000 224.5362 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.713 -0.701 0.000 34.550  
0.701 -0.713 0.000 -15.800  
0.000 0.000 1.000 -101.119  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





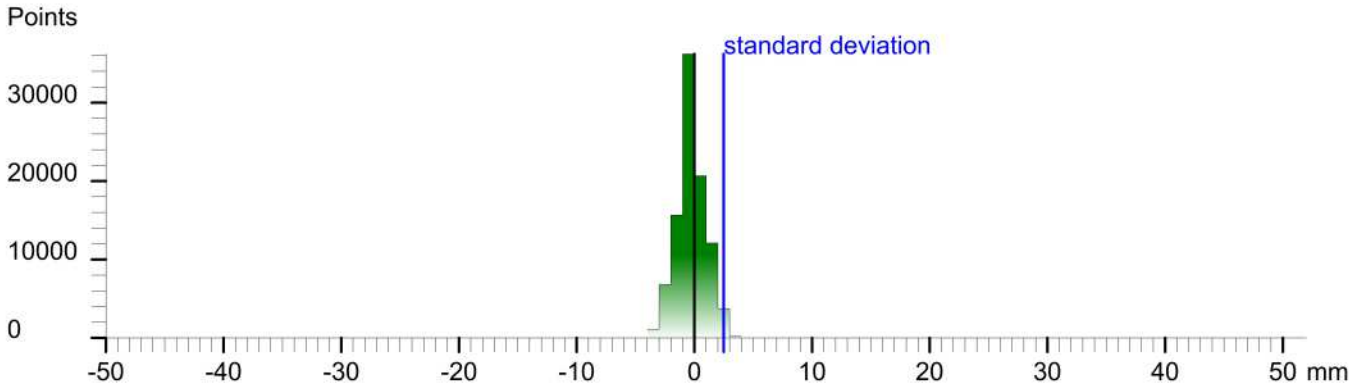
# Scan position '218'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.751247	0.660021	0.001345	36.4128 m
-0.660022	0.751246	0.000941	-4.0122 m
-0.000389	-0.001595	0.999999	2.4480 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.5 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.218'

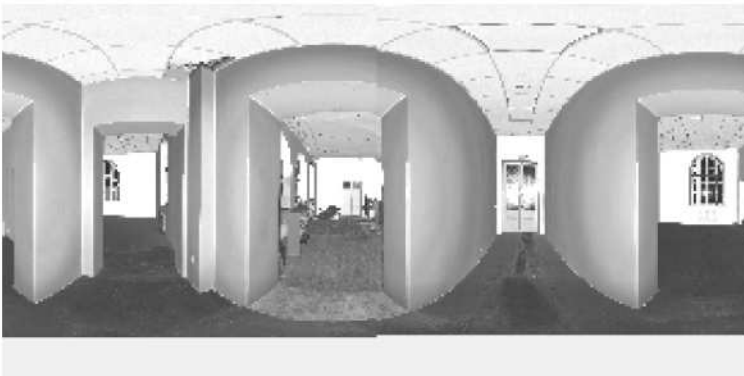
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /home/.../RCSense 9.0.3 --memorize 1 -file "Muz.Ist.Neamt Sc.218" -scanpos "218" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature 20 -camera "i-cam" -panoramaparams test -resolution h -quality default -frames 10 -fov "181" -illum1 "20" -fov1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.976002 bar 314.806 m  
nav translation: 0.5680 m 0.7624 m 314.1109 m accuracies: 5.6024 m 5.6024 m 0.0000 m  
nav rotation: 0.0000 0.0000 35.2845 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.816 0.578 0.000 35.118  
-0.578 0.816 0.000 -15.038  
0.000 0.000 1.000 -99.708  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '219'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

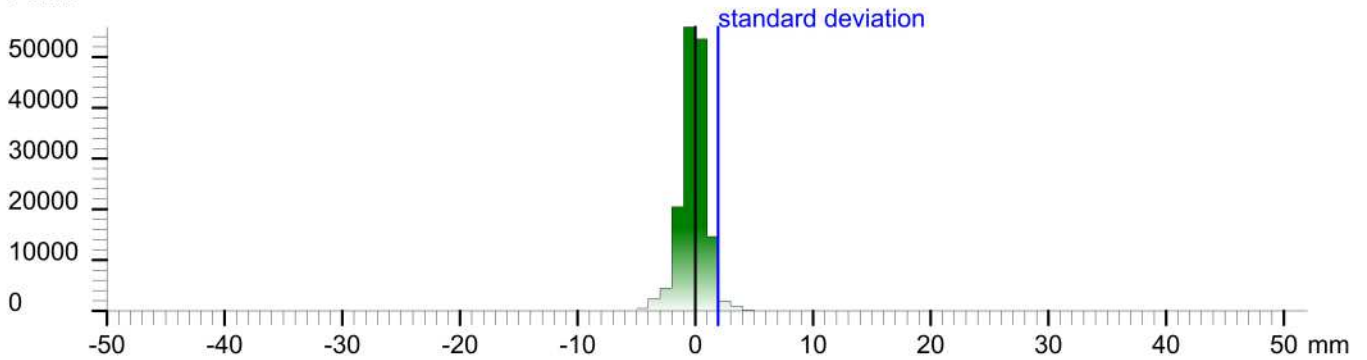
Registration matrix:

```
-0.795859  0.605481  0.001582  34.7980 m
-0.605484 -0.795858 -0.001426 -7.3482 m
0.000396  -0.002093  0.999998  2.4415 m
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation: 1.9 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.219'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "ZFCServer 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.219" -scanpos "219" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -max1 "340"
```

```
Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.975835 bar 316.239 m  
nav translation: 0.9433 m -1.7908 m 315.4265 m accuracies: 6.1339 m 6.1339 m 0.0000 m  
nav rotation: 0.0000 0.0000 133.8938 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.693 0.721 0.000 36.061  
-0.721 -0.693 0.000 -16.829  
0.000 0.000 1.000 -98.392  
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '22'

Scan position is member of group(s):

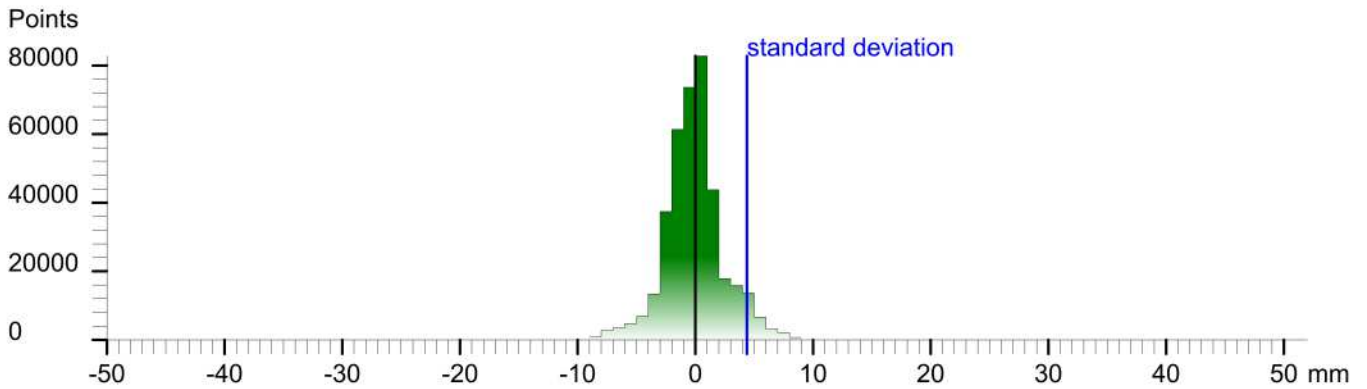
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

0.828873	-0.559438	-0.000349	0.2163 m
0.559438	0.828872	-0.001288	-48.0191 m
0.001009	0.000872	0.999999	-0.1879 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:4.4 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.22'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.22" -scanpos "22" -path "Muzel de istorie Neamt" -project "Muzel de istorie Neamt" -projedTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -ffrom "0" -to "181" -ffrom1 "20" -file1 "340"
Sensor
sensors: 3100 ' barometer translation rotation gps'
Barometer: 0.962026 bar 435.439 m
nav translation: 0.8873 m 0.0513 m 435.2226 m accuracies: 5.6393 m 5.6393 m 0.0001 m
nav rotation: 0.0000 0.0000 324.0403 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.927639 long:26.369156 satellites:5 height:349.4m hdop:1.7 vdop:3.3m haacc:8.5m vacc:12.0 flags:G3 'stand alone 3D solution'
north:5197316.075 m east:451975.064 m zone:35T
Initial pre position (3:outdoor)
0.809 -0.587 0.000 14.822
0.587 0.809 0.000 -76.455
0.000 0.000 1.000 22.777
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '220'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

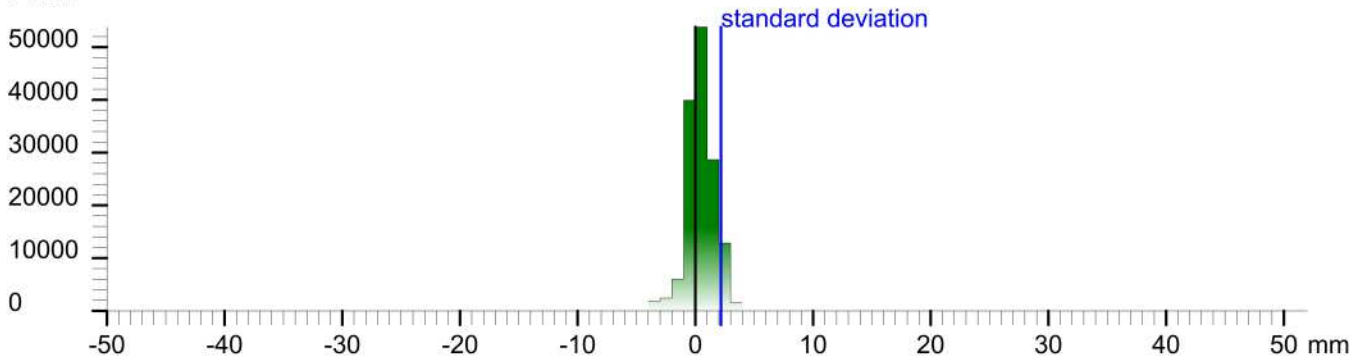
Registration matrix:

```
-0.572075 -0.820200 -0.001878 29.5646 m
0.820201 -0.572076 -0.000196 -8.2916 m
-0.000914 -0.001652 0.999998 2.1197 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.2 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.220'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.220" -scanpos "220" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "1cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -interval "20" -max "240"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.975710 bar 317.317 m  
nav translation: -3.8356 m -2.4200 m 316.8298 m accuracies: 7.3836 m 7.3836 m 0.0000 m  
nav rotation: 0.0000 0.0000 220.4243 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.761 -0.648 0.000 32.225  
0.648 -0.761 0.000 -19.249  
0.000 0.000 1.000 -96.989  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '221'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

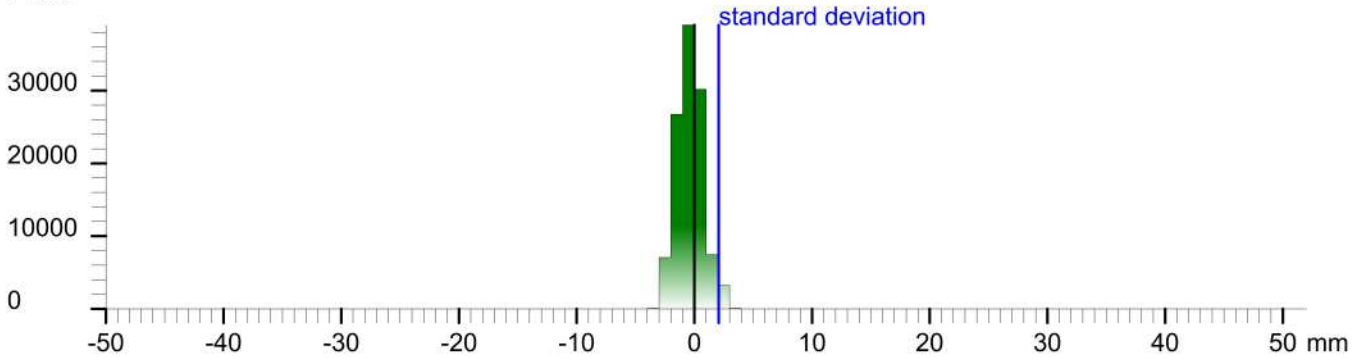
Registration matrix:

0.568501	-0.822683	0.000302	37.1256 m
0.822682	0.568501	0.001437	-2.0319 m
-0.001354	-0.000569	0.999999	2.4340 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.1 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.221'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

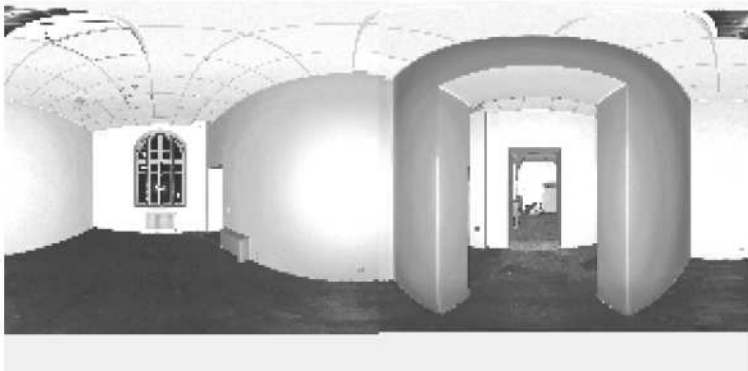
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.221" -scanpos "221" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test -resolution h -quality default -lfron "0" -ho "181" -lfron1 "20" -ho1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.975579 bar 318.437 m  
nav translation: 5.9257 m 6.4124 m 318.0875 m accuracies: 9.5097 m 9.5097 m 0.0001 m  
nav rotation: 0.0000 0.0000 300.3343 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.505 -0.863 0.000 38.151  
0.863 0.505 0.000 -12.836  
0.000 0.000 1.000 -95.731  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



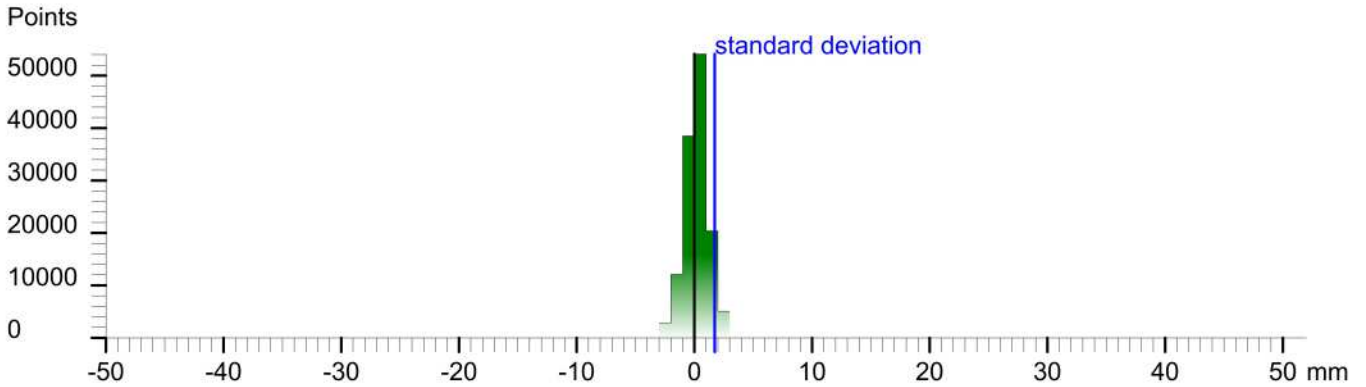
# Scan position '222'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.549497	-0.835496	0.000618	38.7760 m
0.835495	0.549497	0.001314	0.9907 m
-0.001437	-0.000206	0.999999	2.4335 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.7 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.222'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "LRCServer 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.222" -scanpos "222" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test -resolution h -quality default -lfram "0" -fo "181" -lfram1 "20" -fo1 "340"
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.975475 bar 319.336 m  
nav translation: -0.2154 m 2.3108 m 318.8692 m accuracies: 6.2665 m 6.2665 m 0.0000 m  
nav rotation: 0.0000 0.0000 284.9914 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.259 -0.966 0.000 37.936  
0.966 0.259 0.000 -10.526  
0.000 0.000 1.000 -94.949  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



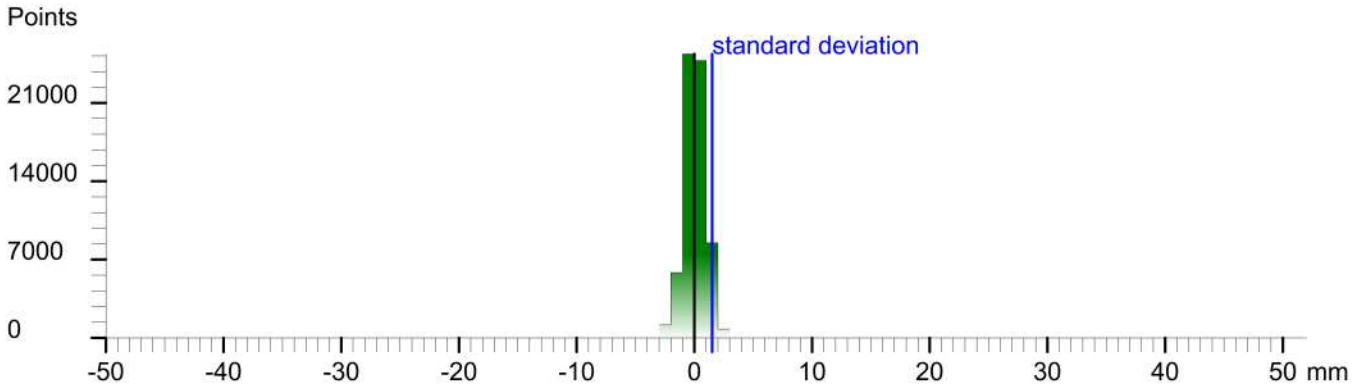
# Scan position '223'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.658059	0.752965	0.002104	40.9302 m
-0.752968	0.658058	0.001188	-0.1647 m
-0.000490	-0.002366	0.999997	2.4290 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.5 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.223'

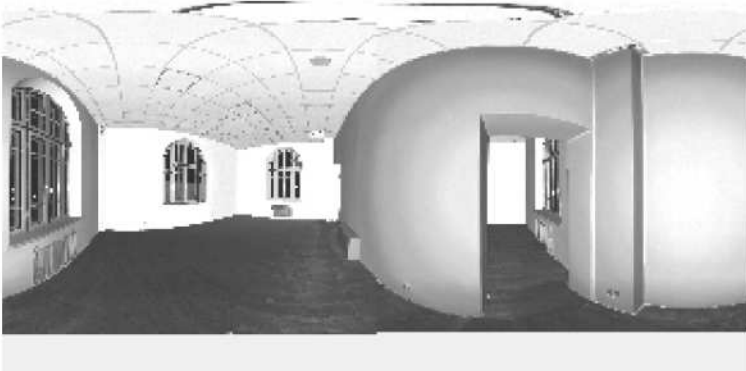
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.223" -scanpos "223" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature 20 -camera 1 -cam -panoramaparams test -resolution h -quality default -lfron 70 -fo 1181 -lfrum1 20 -fo1 1340`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.975423 bar 319.782 m  
nav translation: 1.3637 m 0.9080 m 320.0277 m accuracies: 5.9324 m 5.9324 m 0.0000 m  
nav rotation: 0.0000 0.0000 36.5032 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.804 0.595 0.000 39.299  
-0.595 0.804 0.000 -9.618  
0.000 0.000 1.000 -93.791  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



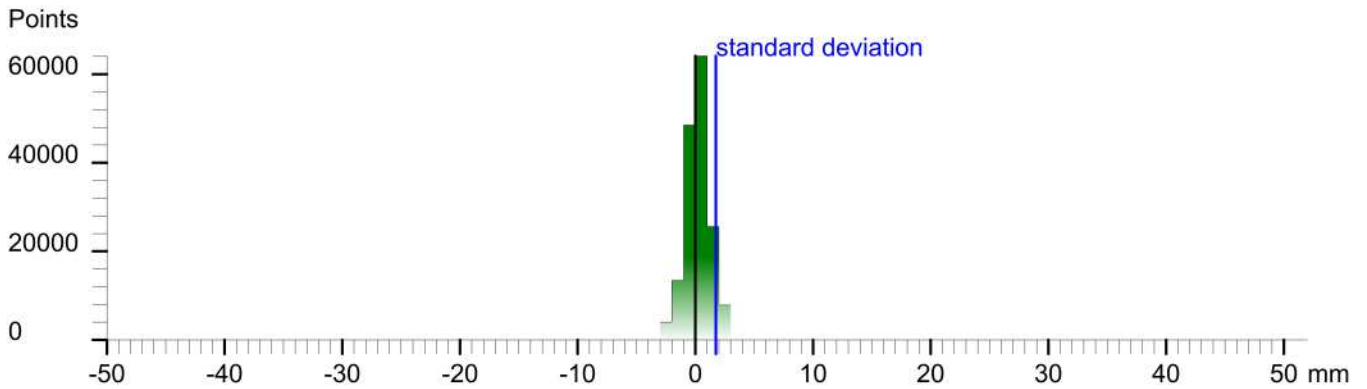
# Scan position '224'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.199324	0.979933	0.001884	40.6664 m
-0.979934	0.199325	0.000028	-5.3450 m
-0.000348	-0.001852	0.999998	2.4311 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.7 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.224'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.224" -scanpos "224" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature 20 -camera 1 -cam -panoramaparams test -resolution h -quality default -lfron 70 -fo 181 -lfron1 20 -fo1 1340`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.975465 bar 319.417 m  
nav translation: 3.1298 m -1.3007 m 319.5347 m accuracies: 6.8277 m 6.8277 m 0.0000 m  
nav rotation: 0.0000 0.0000 71.0665 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.324 0.946 0.000 42.429  
-0.946 0.324 0.000 -10.918  
0.000 0.000 1.000 -94.284  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





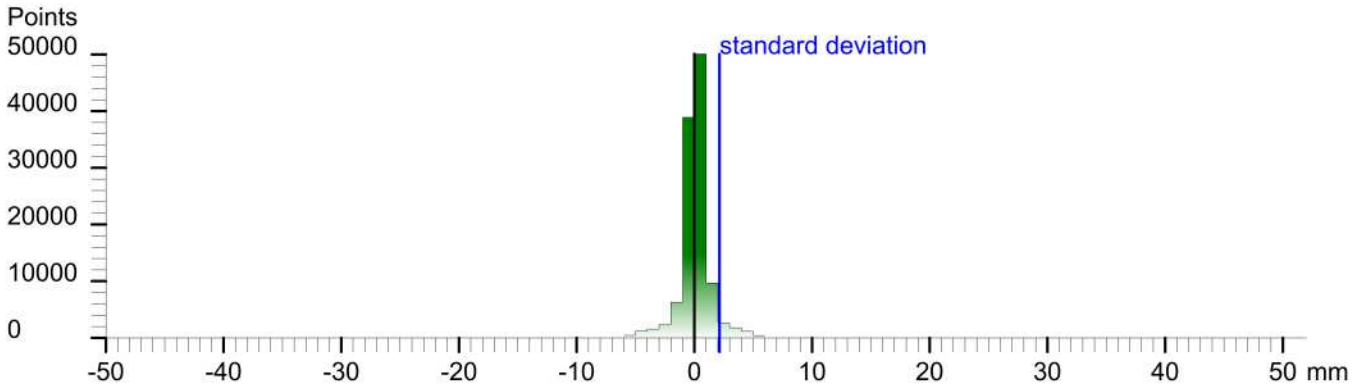
# Scan position '225'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.115781	-0.993275	0.000052	30.4802 m
0.993275	0.115780	0.001214	0.3177 m
-0.001212	-0.000089	0.999999	2.4414 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.1 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.225'

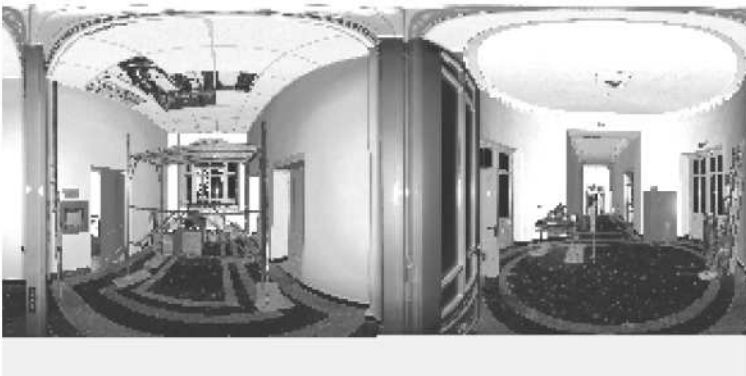
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `ctrl 1,RCSensor 9.0.3' -memorize 1 -file "Muz.Ist.Neamt Sc.225" -scanpos "225" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test -resolution h -quality default -frames "0" -to "181" -illum1 "20" -no 1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.975370 bar 320.233 m  
nav translation: -8.7660 m -7.7794 m 319.9123 m accuracies: 11.1116 m 11.1116 m 0.0000 m  
nav rotation: 0.0000 0.0000 262.4720 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.131 -0.991 0.000 33.663  
0.991 -0.131 0.000 -18.698  
0.000 0.000 1.000 -93.906  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



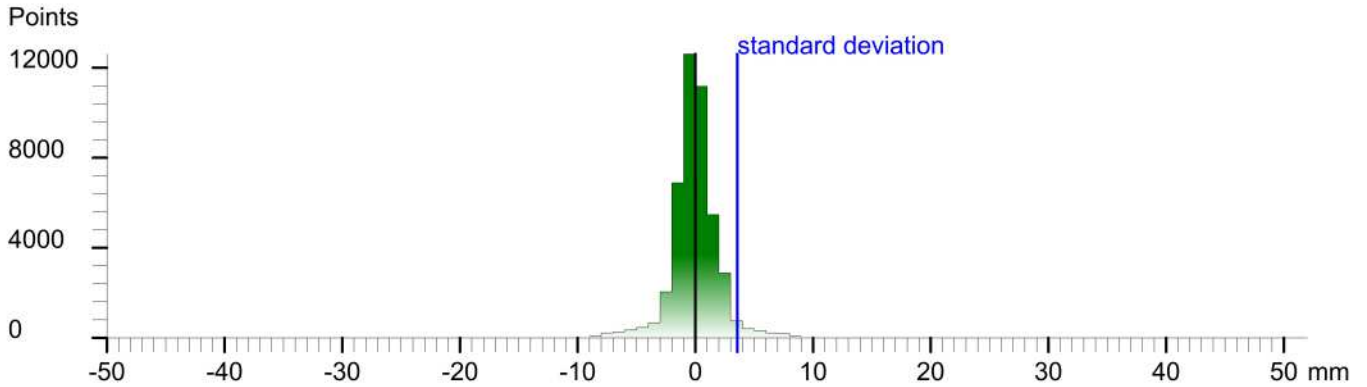
# Scan position '226'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

-0.906285	-0.422668	0.000241	31.7197 m
0.422668	-0.906285	0.000389	3.3516 m
0.000054	0.000454	1.000000	2.4179 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.6 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.226'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /home/.../RCSense 9.0.3/ -memorize 1 -file "Muz.Ist.Neamt Sc.226" -scanpos "226" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test -resolution h -quality default -frames "0" -to "181" -illum1 "20" -iso1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.975133 bar 322.267 m  
nav translation: -3.0520 m 4.0071 m 321.3820 m accuracies: 7.6781 m 7.6781 m 0.0000 m  
nav rotation: 0.0000 0.0000 199.2356 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.944 -0.329 0.000 30.611  
0.329 -0.944 0.000 -14.691  
0.000 0.000 1.000 -92.436  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



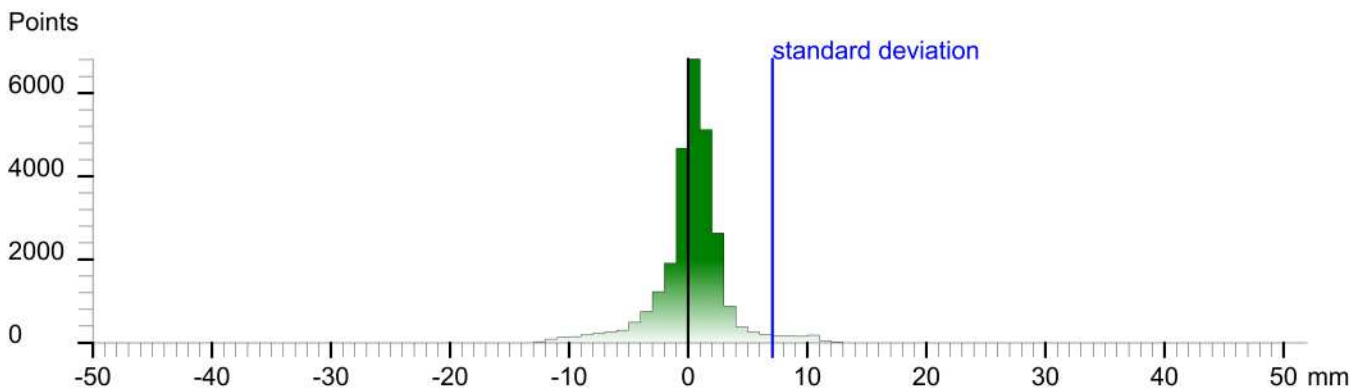
# Scan position '227'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.549847	0.835266	-0.000741	29.0167 m
-0.835265	0.549848	0.000435	2.4948 m
0.000770	0.000379	1.000000	2.4156 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 7.1 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.227'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.227" -scanpos "227" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test -resolution h -quality default -frames "0" -iso "181" -illum1 "20" -iso1 "340"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.975106 bar 322.505 m
nav translation: -0.3258 m -1.3261 m 322.6075 m accuracies: 5.8208 m 5.8208 m 0.0001 m
nav rotation: 0.0000 0.0000 51.2863 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.626 0.780 0.000 30.285
-0.780 0.626 0.000 -16.017
0.000 0.000 1.000 -91.211
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



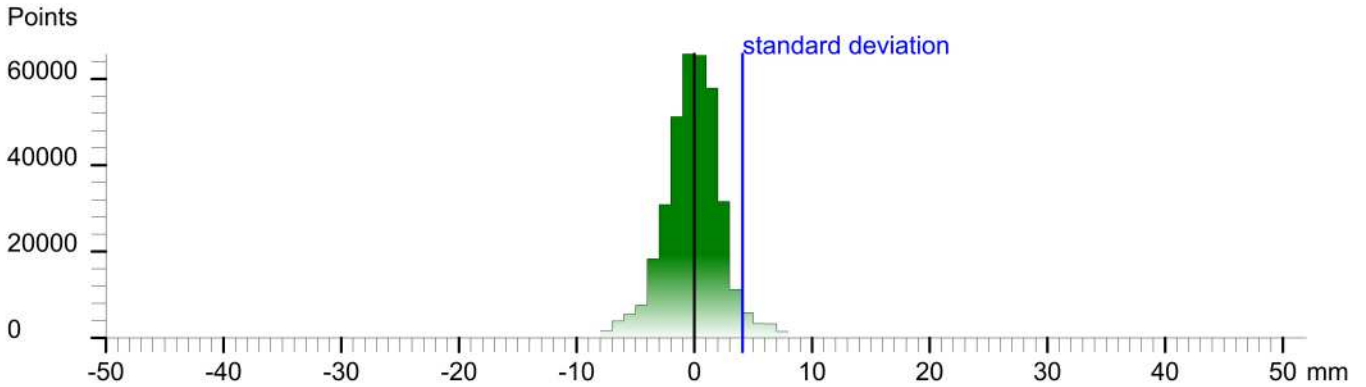
# Scan position '228'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.708881	-0.705328	0.000186	4.8035 m
0.705328	0.708881	-0.000920	-23.5530 m
0.000517	0.000783	1.000000	-0.0920 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:4.1 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.228'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "LRCSEner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.228" -scanpos "228" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test -resolution h -quality default -lfron "0" -fo "181" -lfrum1 "20" -fo1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.975084 bar 322.693 m
nav translation: 0.0000 m 0.0000 m 322.4918 m accuracies: 5.1000 m 5.1000 m 0.0001 m
nav rotation: 0.0000 0.0000 312.2211 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.927956 long:26.369202 satellites:3 height:345.5m hdop:6.6 vdop:1.0m hacc:21.0m vacc:15.0 flags:G2 'stand alone 2D solution'
north:5197351.232 m east:451978.832 m zone:35T
Initial pre position (3:outdoor)
0.672 -0.741 0.000 30.285
0.741 0.672 0.000 -16.017
0.000 0.000 1.000 -91.327
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



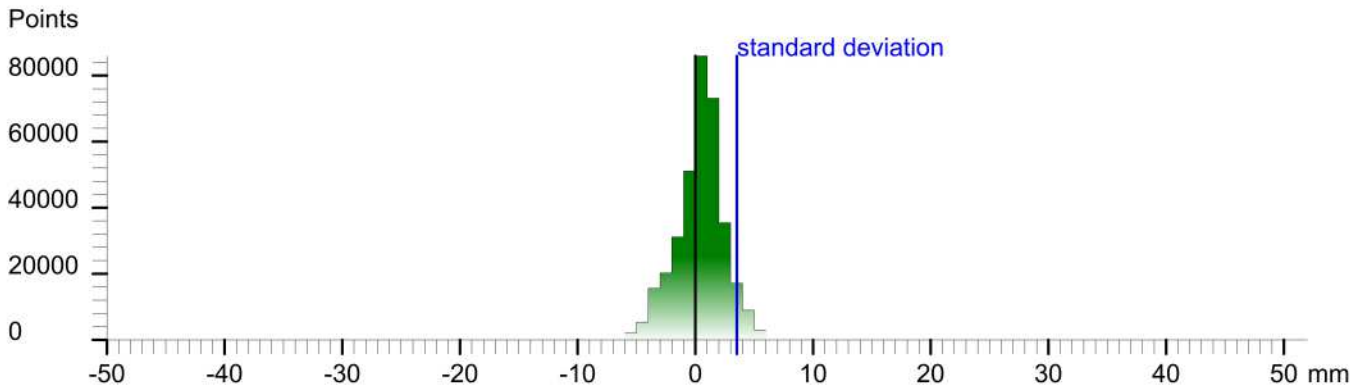
# Scan position '229'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.503859	0.863786	0.000408	7.8142 m
-0.863785	0.503859	-0.001232	-24.8570 m
-0.001269	0.000269	0.999999	1.2894 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.5 mm

## Deviation histogram



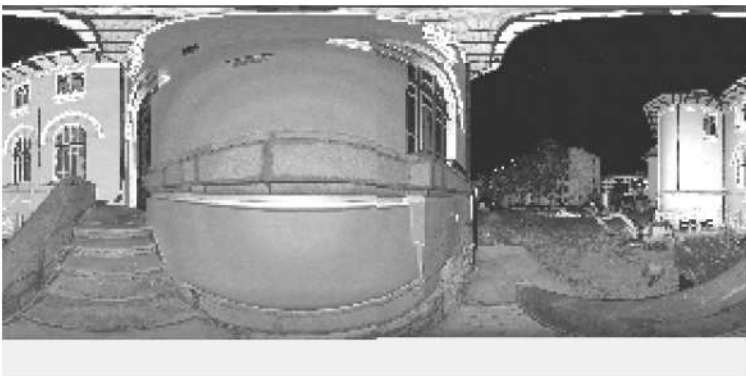
## Scan 'Muz.Ist.Neamt Sc.229'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 5016" -memorize 1 -file "Muz.Ist.Neamt Sc.229" -scanpos "229" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test-resolution h -quality default -frames "0" -to "181" -illum1 "20" -iso1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.974974 bar 323.632 m
nav translation: 7.9046 m -1.1538 m 323.4613 m accuracies: 9.1188 m 9.1188 m 0.0000 m
nav rotation: 0.0000 0.0000 60.1769 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.927685 long:26.369099 satellites:3 height:338.0m hdop:16.4 vdop:1.0m hacc:13.8m vacc:10.0 flags:G2 'stand alone 2D solution'
north:5197321.197 m east:451970.749 m zone:35T
Initial pre position (3:outdoor)
0.497 0.868 0.000 38.190
-0.868 0.497 0.000 -17.171
0.000 0.000 1.000 -90.357
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '23'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

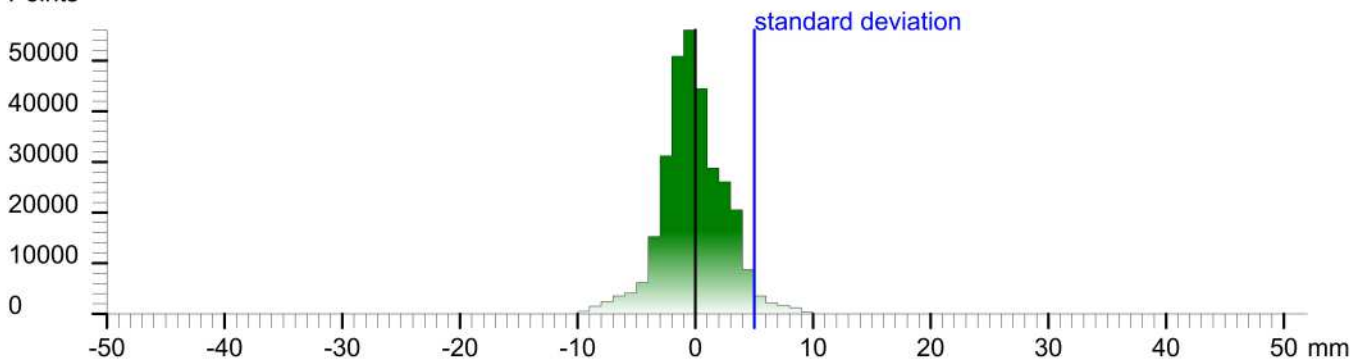
Registration matrix:

```
-0.951900 -0.306410 -0.000338 -4.7337 m
0.306410 -0.951897 -0.002399 -38.7422 m
0.000413 -0.002387 0.999997 -0.2400 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:5.0 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.23'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.23" -scanpos "23" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projedTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -ffrom "0" -to "181" -ffrom1 "20" -file "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.961919 bar 436.371 m
nav translation: -12.7178 m 3.7237 m 435.6531 m accuracies: 11.7465 m 11.7465 m 0.0000 m
nav rotation: 0.0000 0.0000 187.5585 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.927719 long:26.369080 satellites:7 height:344.6m hdop:1.2 vdop:2.1m haacc:4.9m vacc:7.7 flags:G3 'stand alone 3D solution'
north:5197325.024 m east:451969.327 m zone:35T
Initial pre position (3:outdoor)
-0.991 -0.132 0.000 9.108
0.132 -0.991 0.000 -67.518
0.000 0.000 1.000 23.207
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



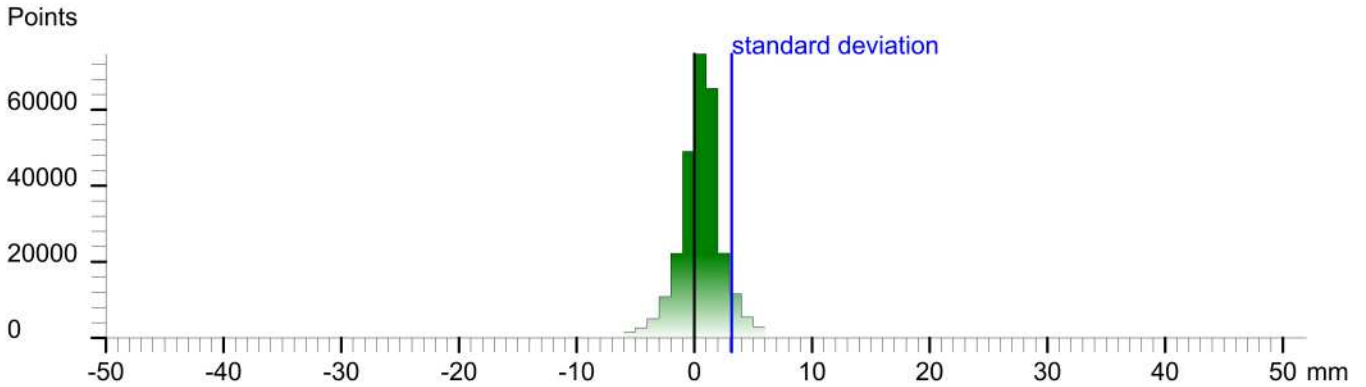
# Scan position '230'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.565169	0.824975	0.000181	10.6407 m
-0.824974	0.565169	-0.001492	-26.0885 m
-0.001333	0.000694	0.999999	2.4066 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.2 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.230'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.230" -scanpos "230" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test -resolution h -quality default -frames "0" -to "181" -illum1 "0" -no1 "340"

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.974912 bar 324.168 m  
nav translation: -1.0003 m -6.0347 m 324.6188 m accuracies: 8.1640 m 8.1640 m 0.0001 m  
nav rotation: 0.0000 0.0000 53.0482 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.601 0.799 0.000 37.190  
-0.799 0.601 0.000 -23.205  
0.000 0.000 1.000 -89.200  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



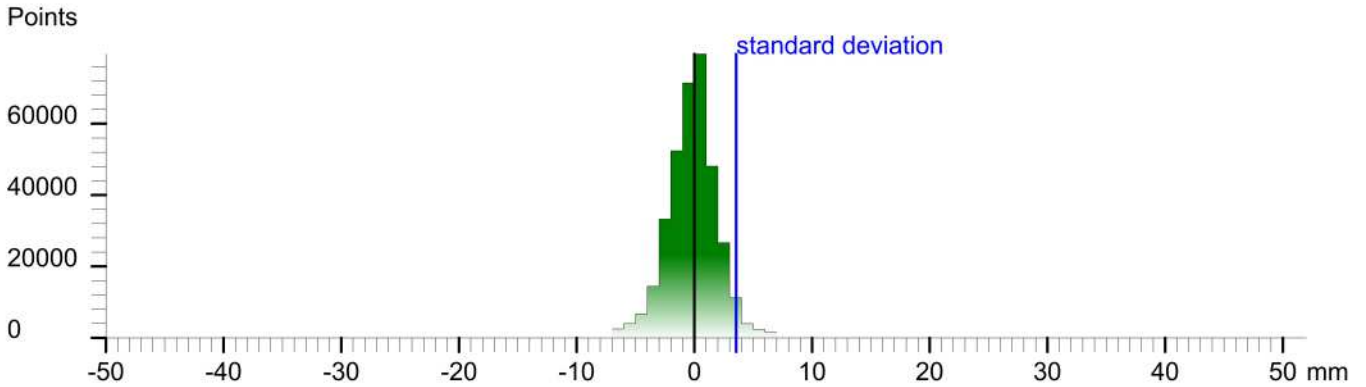
# Scan position '231'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
0.889268 -0.457387 -0.000409 10.8763 m
0.457387 0.889268 -0.000256 -5.6774 m
0.000481 0.000040 1.000000 -0.1361 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.6 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.231'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "ZRCServer 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.231" -scanpos "231" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test -resolution h -quality default -lfron "0" -ho "181" -lfrum1 "20" -ho1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.975213 bar 321.579 m
nav translation: 0.0000 m 0.0000 m 322.1600 m accuracies: 5.1000 m 5.1000 m 0.0003 m
nav rotation: 0.0000 0.0000 337.3615 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.928017 long:26.369261 satellites:6 height:340.7m hdop:1.9 vdop:2.2m haacc:6.3m vacc:8.0 flags:G3 'stand alone 3D solution'
north:5197357.978 m east:451983.387 m zone:35T
Initial pre position (3:outdoor)
0.923 -0.385 0.000 23.153
0.385 0.923 0.000 -34.514
0.000 0.000 1.000 -91.659
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





# Scan position '232'

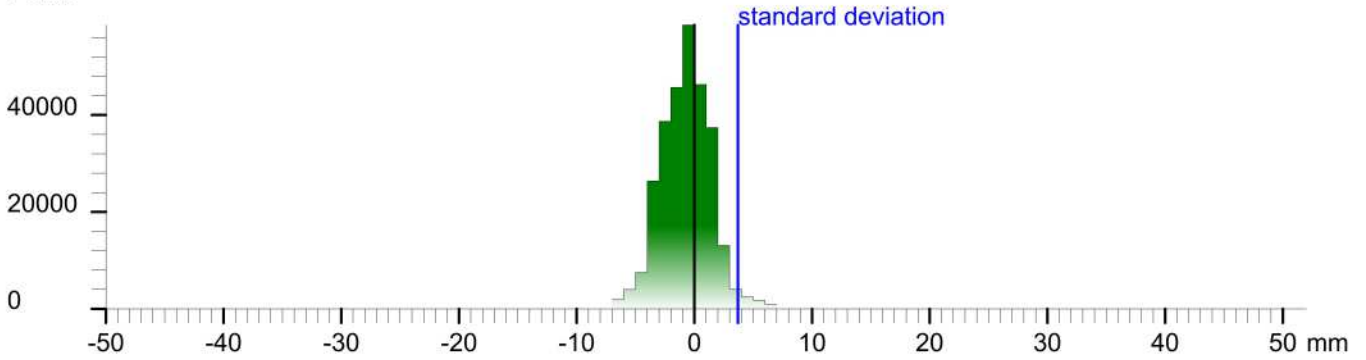
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
0.380321 0.924854 0.000382 13.7243 m
-0.924854 0.380321 -0.000153 1.3091 m
-0.000287 -0.000296 1.000000 -0.0065 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.7 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.232'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "LRCServer 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.232" -scanpos "232" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test -resolution h -quality default -lfron "0" -fo "181" -lfrum1 "20" -fo1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.975171 bar 321.939 m
nav translation: 0.1673 m 3.7071 m 321.6447 m accuracies: 6.9891 m 6.9891 m 0.0001 m
nav rotation: 0.0000 0.0000 63.2922 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.928104 long:26.369308 satellites:3 height:339.1m hdop:2.9 vdop:1.0m hacc:14.0m vacc:12.0 flags:G2 'stand alone 2D solution'
north:5197367.699 m east:451987.096 m zone:35T
Initial pre position (3:outdoor)
0.449 0.893 0.000 23.321
-0.893 0.449 0.000 -30.807
0.000 0.000 1.000 -92.174
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '233'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

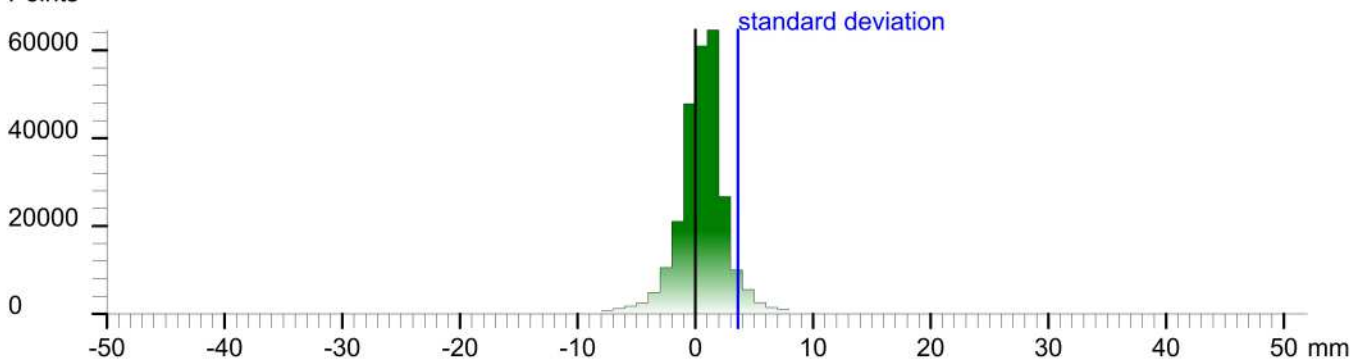
Registration matrix:

```
0.803135  0.595798  0.000112  19.7626 m
-0.595798  0.803135  -0.000070  -0.4977 m
-0.000132  -0.000011  1.000000  2.3074 m
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:3.6 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.233'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.233" -scanpos "233" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test -resolution h -quality default -frames "0" -fov "181" -illum1 "0" -fov1 "340"
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.974901 bar 324.261 m  
nav translation: 11.6477 m -3.5407 m 324.1057 m accuracies: 11.2257 m 11.2257 m 0.0000 m  
nav rotation: 0.0000 0.0000 42.2970 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.740 0.673 0.000 34.968  
-0.673 0.740 0.000 -34.348  
0.000 0.000 1.000 -89.713  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '24'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

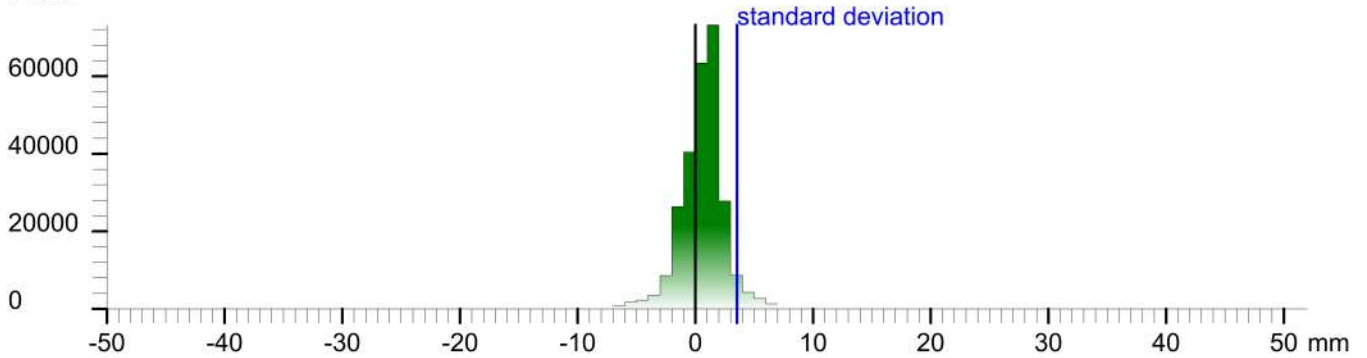
Registration matrix:

```
-0.984074 -0.177760 -0.000733 -11.6805 m
0.177761 -0.984071 -0.002492 -41.3974 m
-0.000278 -0.002583 0.999997 -1.0735 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.5 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.24'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.24" -scanspos "24" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projedTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -ffrom "0" -to "181" -ffrom1 "20" -file "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.961882 bar 436.689 m
nav translation: -9.7591 m -3.7609 m 436.2667 m accuracies: 10.4147 m 10.4147 m 0.0000 m
nav rotation: 0.0000 0.0000 178.0116 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.927711 long:26.369003 satellites:4 height:342.8m hdop:15.6 vdop:13.5m hacc:1.4m vacc:17.0 flags:G3 'stand alone 3D solution'
north:5197324.223 m east:451963.512 m zone:35T
Initial pre position (3:outdoor)
-0.999 0.035 0.000 -0.651
-0.035 -0.999 0.000 -71.279
0.000 0.000 1.000 23.821
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '25'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

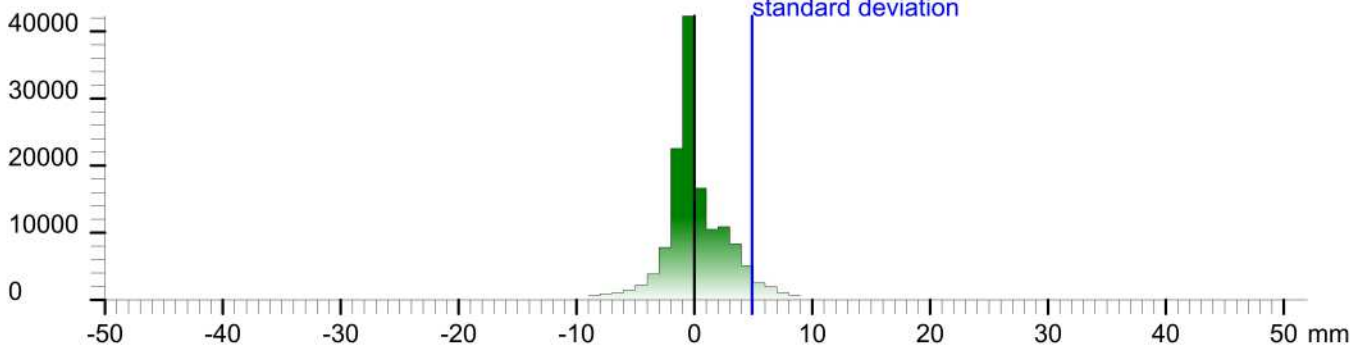
Registration matrix:

```
-0.880627 -0.473812 -0.000431 -22.2340 m
0.473812 -0.880624 -0.002085 -29.5517 m
0.000608 -0.002040 0.999998 -0.4640 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:4.9 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.25'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.25" -scanpos "25" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projedTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -ffrom "0" -to "181" -ffrom1 "20" -file1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.961562 bar 439.468 m
nav translation: -17.0898 m 0.5398 m 438.6169 m accuracies: 13.7036 m 13.7036 m 0.0000 m
nav rotation: 0.0000 0.0000 196.0978 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.927723 long:26.368818 satellites:4 height:349.2m hdop:7.5 vdop:7.0m haacc:3.4m vacc:24.0 flags:G3'stand alone 3D solution'
north:5197325.608 m east:451949.438 m zone:35T
Initial pre position (3:outdoor)
-0.961 -0.277 0.000 -17.741
0.277 -0.961 0.000 -70.740
0.000 0.000 1.000 26.171
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



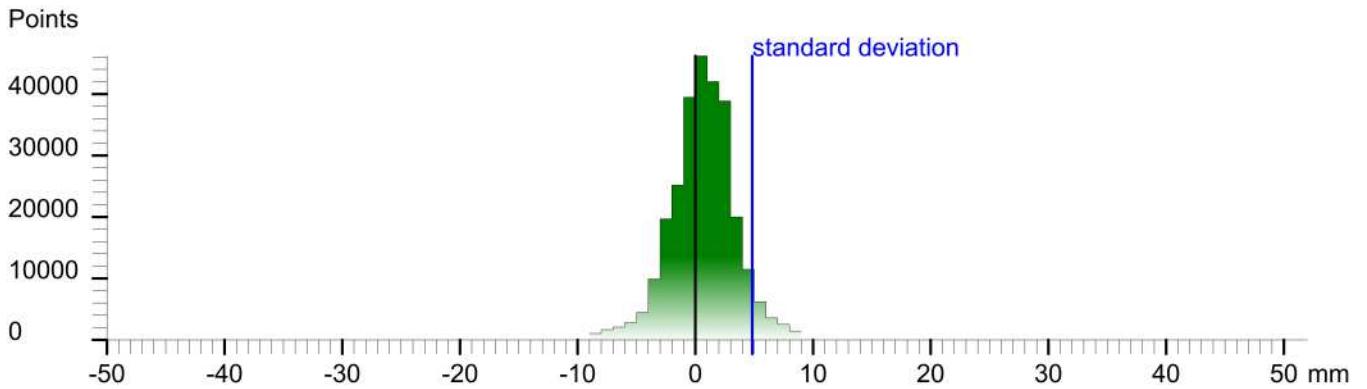
# Scan position '26'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.654371 -0.756173 -0.000546 -29.1387 m  
0.756172 -0.654369 -0.002170 -24.5547 m  
0.001284 -0.001833 0.999997 -0.5094 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:4.8 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.26'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.26" -scanpos "26" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -ffrom "0" -to "181" -fitfrom "20" -fit "340"  
Sensor  
sensors: 3100 " barometer translation rotation gps"  
Barometer: 0.961537 bar 439.69 m  
nav translation: -11.8723 m 0.6846 m 439.6676 m accuracies: 11.0791 m 11.0791 m 0.0000 m  
nav rotation: 0.0000 0.0000 218.9211 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:46.927830 long:26.368725 satellites:5 height:351.4m hdop:1.7 vdop:4.6m haacc:5.3m vacc:11.0 flags:G3 'stand alone 3D solution'  
north:5197337.535 m east:451942.419 m zone:35T  
Initial pre position (3:outdoor)  
-0.778 -0.628 0.000 -17.818  
0.628 -0.778 0.000 -54.966  
0.000 0.000 1.000 27.222  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '27'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

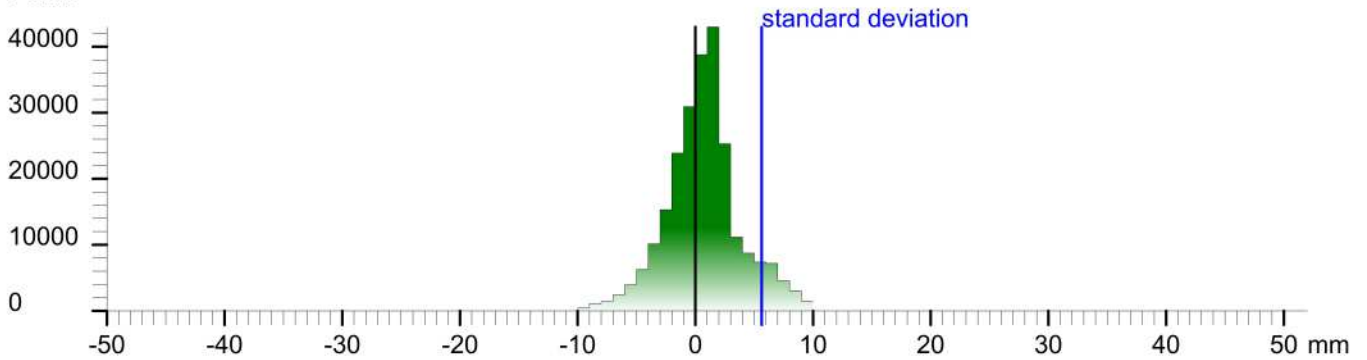
Registration matrix:

```
0.279140 -0.960250 -0.000877 -23.7938 m
0.960250 0.279141 -0.000917 -12.0906 m
0.001125 -0.000586 0.999999 -0.5675 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:5.6 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.27'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.27" -scansize "27" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -frown "0" -fo "181" -frown1 "20" -frown1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.961403 bar 440.853 m
nav translation: -11.0965 m -9.0334 m 440.1809 m accuracies: 12.3007 m 12.3007 m 0.0000 m
nav rotation: 0.0000 0.0000 278.6508 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.927937 long:26.368792 satellites:7 height:345.3m hdop:1.3 vdop:3.5m haacc:4.7m vacc:12.0 flags:G3 'stand alone 3D solution'
north:5197349.363 m east:451947.596 m zone:35T
Initial pre position (3:outdoor)
0.150 -0.989 0.000 -12.622
0.989 0.150 0.000 -43.117
0.000 0.000 1.000 27.735
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



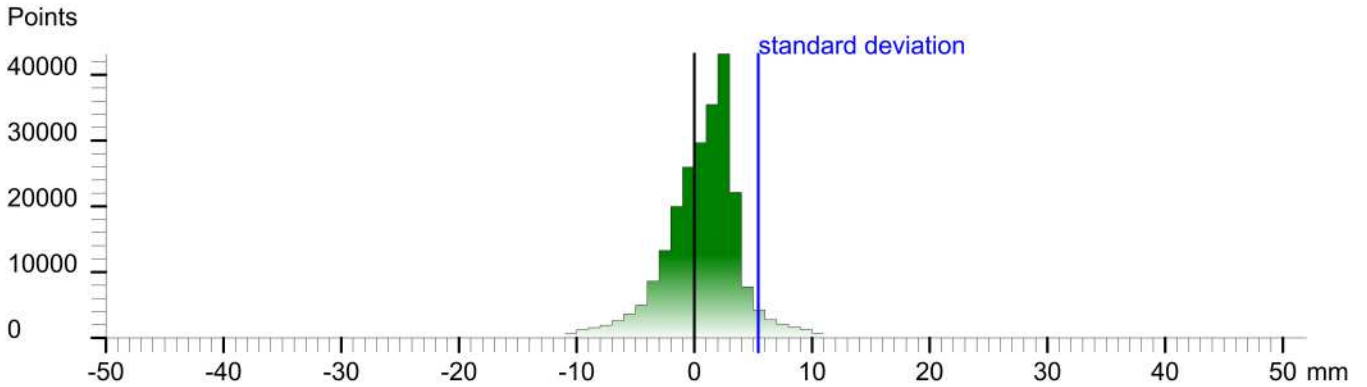
# Scan position '28'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
0.846825 -0.531872 0.000125 -13.5559 m
0.531872 0.846825 -0.000447 -5.9012 m
0.000132 0.000446 1.000000 -0.2132 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:5.4 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.28'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.28" -scanpos "28" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projedTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -tiltrot1 "20" -tilt1 "340"
Sensor
sensors: 3100 ' barometer translation rotation gps'
Barometer: 0.961273 bar 441.979 m
nav translation: 2.4042 m 12.2608 m 441.5904 m accuracies: 11.3967 m 11.3967 m 0.0001 m
nav rotation: 0.0000 0.0000 321.8725 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.928020 long:26.368931 satellites:7 height:349.6m hdop:1.2 vdop:2.0m haacc:8.3m vacc:19.0 flags:G3 'stand alone 3D solution'
north:5197358.604 m east:451958.271 m zone:35T
Initial pre position (3:outdoor)
0.787 -0.617 0.000 -1.966
0.617 0.787 0.000 -33.979
0.000 0.000 1.000 29.145
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '29'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

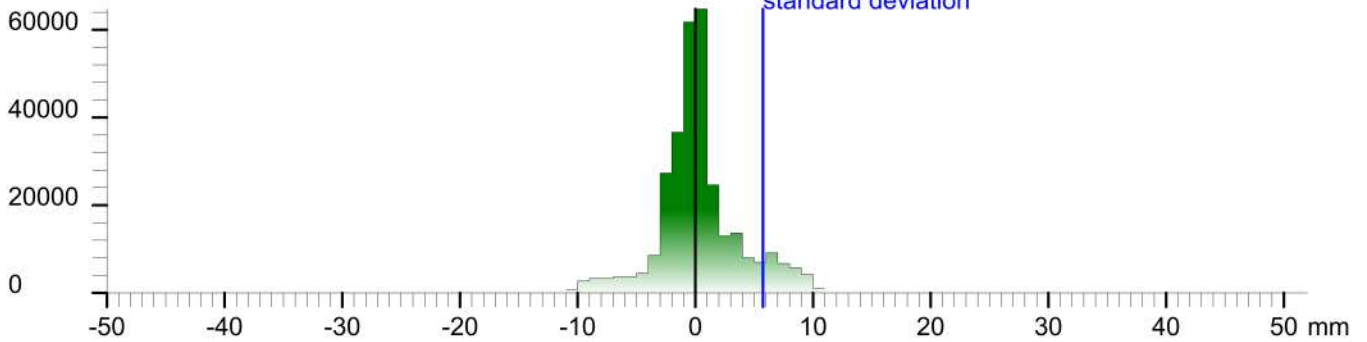
Registration matrix:

0.991629	0.129120	-0.000320	0.3877 m
-0.129120	0.991629	-0.000128	-18.3170 m
0.000301	0.000169	1.000000	-0.1276 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:5.7 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.29'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.29" -scanset "29" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projctTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -tiltmin "20" -tilt "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.960904 bar 445.192 m
nav translation: 30.0288 m 3.3834 m 443.0569 m accuracies: 20.4613 m 20.4613 m 0.0001 m
nav rotation: 0.0000 0.0000 7.4463 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.927948 long:26.369137 satellites:6 height:336.9m hdop:2.7 vdop:6.1m hacc:13.0m vacc:16.4 flags:G3 'stand alone 3D solution'
north:5197350.424 m east:451973.888 m zone:35T
Initial pre position (3:outdoor)
0.992 0.130 0.000 28.063
-0.130 0.992 0.000 -30.595
0.000 0.000 1.000 30.611
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





# Scan position '3'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

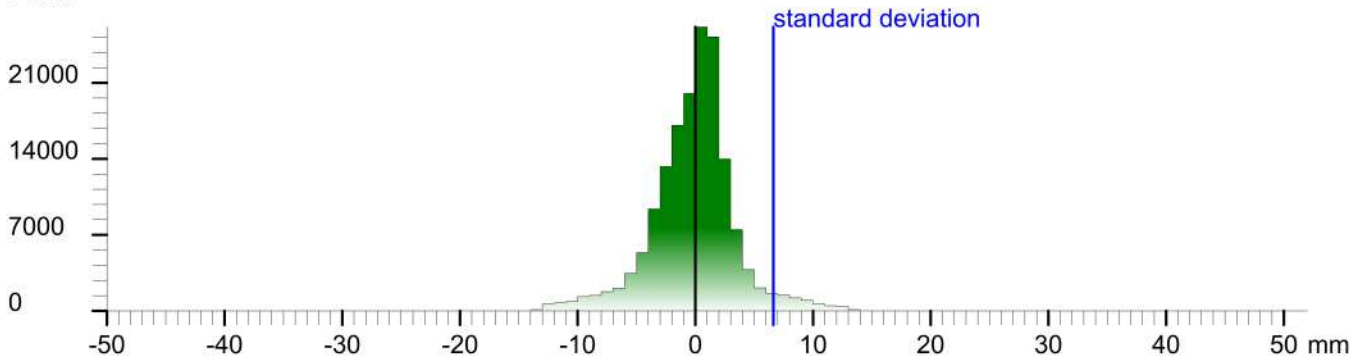
Registration matrix:

```
0.973227 0.229846 -0.000227 1.5545 m
-0.229846 0.973227 0.000912 21.0062 m
0.000430 -0.000836 1.000000 -0.2829 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:6.6 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.3'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.3" -scenpos "3" -path "Muzel de istorie Neamt" -project "Muzel de istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "cam" -panoramaparams fast -resolution h -quality default -from "0" -to "181" -infrom1 "20" -to1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.964471 bar 414.236 m
nav translation: -1.7222 m 1.4820 m 413.8649 m accuracies: 6.3420 m 6.3420 m 0.0001 m
nav rotation: 0.0000 0.0000 4.1001 accuracies: 0.0000 0.0000 161.6275
upside-down: no
GPS lat:46.928261 long:26.369125 satellites:6 height:350.5m hdrop:1.7 vdop:2.6m haacc:6.6m vacc:7.5 flags:G3 'stand alone 3D solution'
north:5197385.191 m east:451973.296 m zone:35T
Initial pre position (3:outdoor)
0.997 0.071 0.000 13.018
-0.071 0.997 0.000 -7.316
0.000 0.000 1.000 1.419
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '30'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

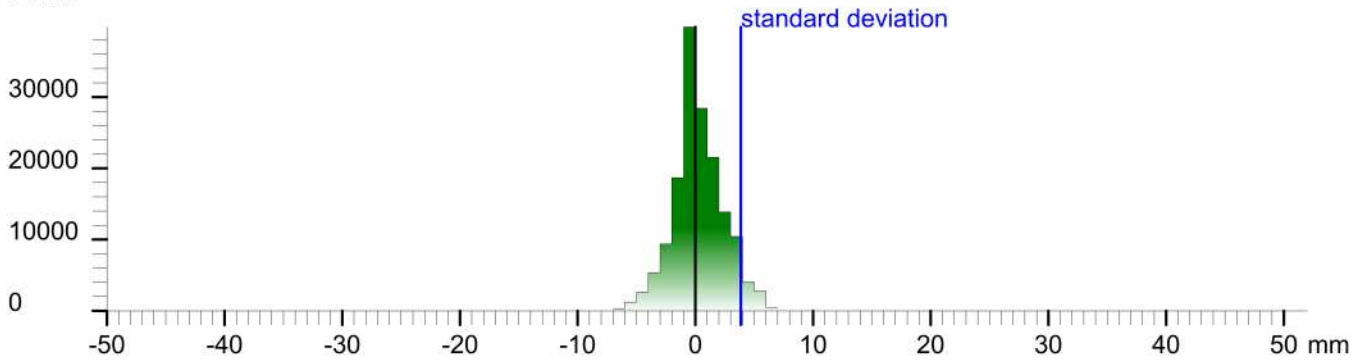
Registration matrix:

```
0.922492 0.386015 -0.000285 -2.1524 m
-0.386015 0.922492 -0.000672 -29.0901 m
0.000004 0.000730 1.000000 0.0472 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.9 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.30'

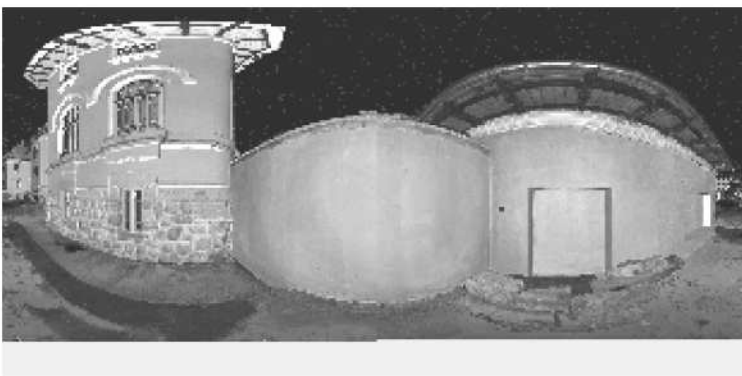
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 5016" -memorize 1 -file "Muz.Ist.Neamt Sc.30" -scansize "30" -path "Muzul de Istorie Neamt" -project "Muzul de Istorie Neamt" -projTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -ffrom "0" -to "181" -ffrom1 "20" -file1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.960679 bar 447.146 m
nav translation: 10.7410 m -9.7208 m 446.5655 m accuracies: 12.3972 m 12.3972 m 0.0000 m
nav rotation: 0.0000 0.0000 22.1737 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.927814 long:26.369085 satellites:3 height:355.8m hdop:4.7 vdop:1.0m hacc:21.0m vacc:8.4 flags:G2 'stand alone 2D solution'
north:5197335.618 m east:451969.848 m zone:35T
Initial pre position (3:outdoor)
0.926 0.377 0.000 38.804
-0.377 0.926 0.000 -40.316
0.000 0.000 1.000 34.120
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '31'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

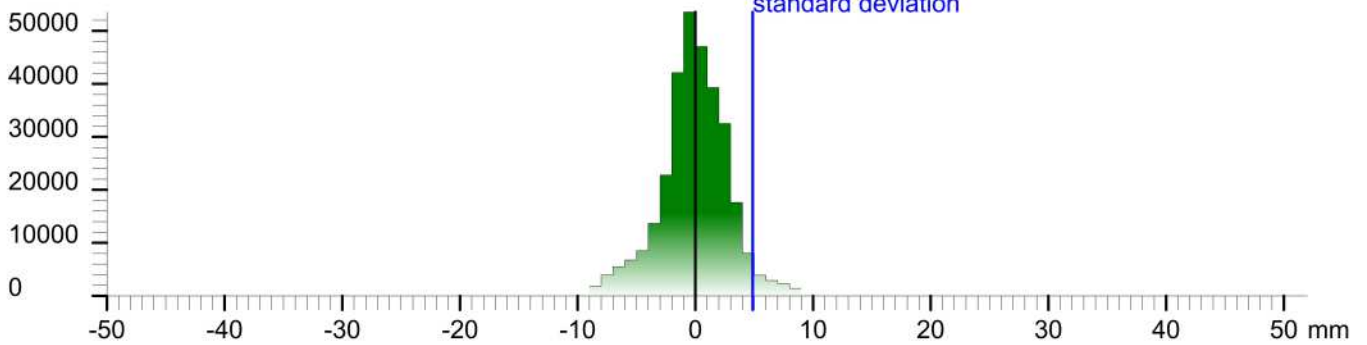
Registration matrix:

```
0.351763 -0.936089 0.000544 11.9650 m
0.936089 0.351763 -0.000258 -21.4898 m
0.000050 0.000600 1.000000 -0.1121 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:4.9 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.31'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.31" -scanspo "31" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -ffrom "0" -to "181" -ffrom1 "20" -file "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.960440 bar 449.226 m
nav translation: 12.3957 m 15.5476 m 448.6657 m accuracies: 15.4644 m 15.4644 m 0.0001 m
nav rotation: 0.0000 0.0000 289.8201 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.927876 long:26.369095 satellites:3 height:357.0m hdop:4.4 vdop:1.0m hacc:2.4m vacc:2.4 flags:G2 'stand alone 2D solution'
north:5197342.395 m east:451970.629 m zone:35T
Initial pre position (0:indoor)
0.339 -0.941 0.000 51.200
0.941 0.339 0.000 -24.769
0.000 0.000 1.000 36.220
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



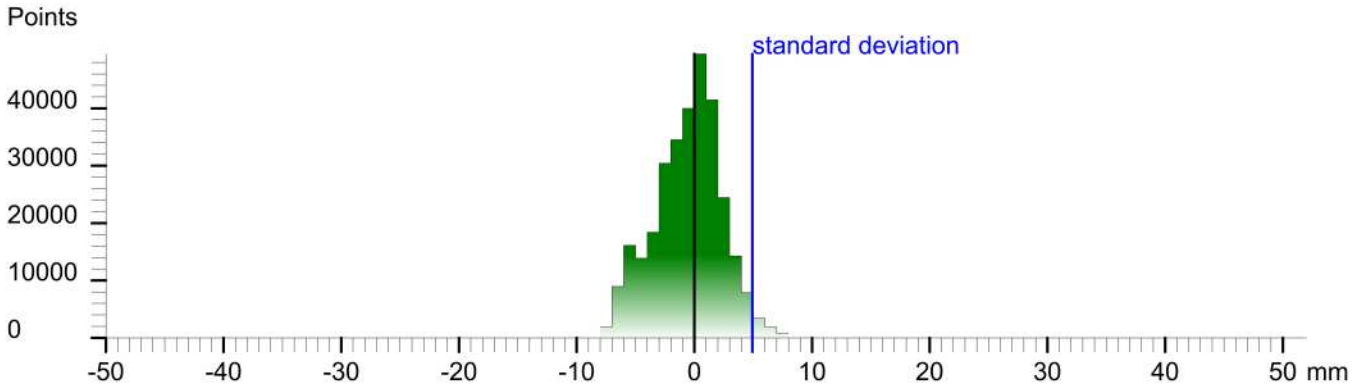
# Scan position '32'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.777770	-0.628549	-0.000499	5.6137 m
0.628549	0.777770	-0.000228	-13.0827 m
0.000531	-0.000136	1.000000	-0.0239 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:4.9 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.32'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "Z+F IMAGER 5016" -memorize 1 -file "Muz.Ist.Neamt Sc.32" -scanpos "32" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projedTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -ffrom "0" -to "181" -fitfrom "20" -fit "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.960405 bar 449.527 m
nav translation: -9.7833 m 6.3751 m 450.0893 m accuracies: 10.9802 m 10.9802 m 0.0000 m
nav rotation: 0.0000 0.0000 324.2713 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.927902 long:26.369080 satellites:5 height:375.6m hdop:2.2 vdop:5.4m hacc:15.0m vacc:7.4 flags:G3'stand alone 3D solution'
north:5197345.372 m east:451969.491 m zone:35T
Initial pre position (3:outdoor)
0.812 -0.584 0.000 41.416
0.584 0.812 0.000 -18.393
0.000 0.000 1.000 37.644
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '33'

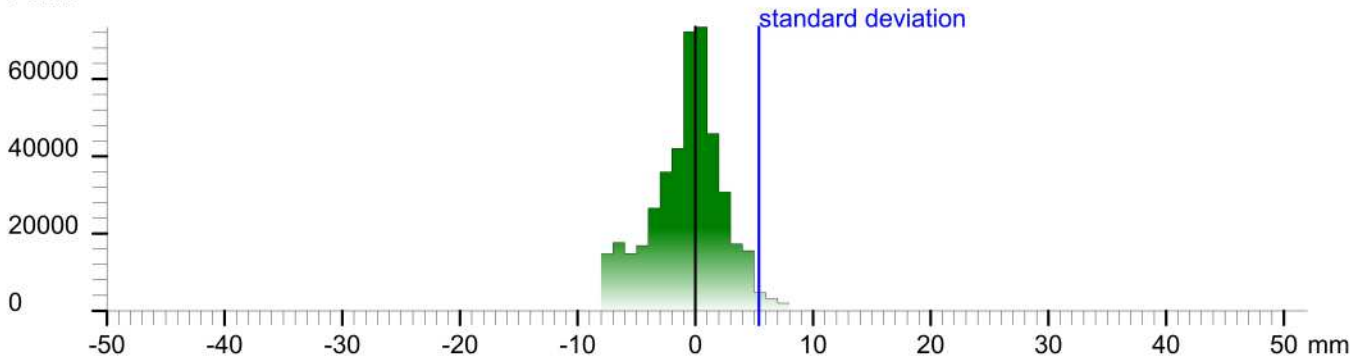
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
0.987821 -0.155596 0.000304 10.6414 m  
0.155596 0.987821 0.000062 -3.7043 m  
-0.000310 -0.000013 1.000000 -0.0411 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:5.4 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.33'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "ZRC_Scanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.33" -scanset "33" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -ffrom "0" -to "181" -ffrom1 "20" -file1 "340"  
Sensor  
sensors: 3100 " barometer translation rotation gps"  
Barometer: 0.960365 bar 449.877 m  
nav translation: 3.8184 m 11.8657 m 449.3827 m accuracies: 11.3975 m 11.3975 m 0.0001 m  
nav rotation: 0.0000 0.0000 0.0000 351.2328 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:46.928032 long:26.369236 satellites:5 height:350.2m hdop:2.5 vdop:4.4m haacc:9.7m vacc:18.0 flags:G3 'stand alone 3D solution'  
north:5197359.689 m east:451981.513 m zone:35T  
Initial pre position (3:outdoor)  
0.988 -0.152 0.000 45.235  
0.152 0.988 0.000 -6.508  
0.000 0.000 1.000 36.937  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



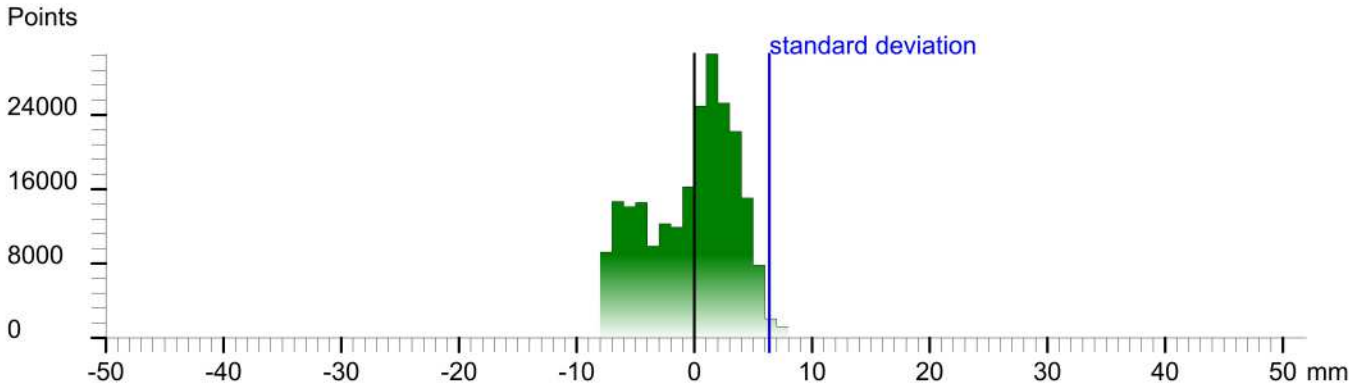
# Scan position '34'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
0.998150  0.060798  0.000887  19.1160 m
-0.060797 0.998150 -0.000289 -2.6300 m
-0.000903 0.000234 1.000000  0.2426 m
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:6.4 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.34'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.34" -scanpos "34" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projedTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -ffrom "0" -to "181" -fitfrom "20" -fit1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.960065 bar 452.482 m
nav translation: 9.0542 m 11.2956 m 452.1143 m accuracies: 12.4040 m 12.4040 m 0.0001 m
nav rotation: 0.0000 0.0000 6.9021 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.928066 long:26.369265 satellites:3 height:351.2m hdop:3.6 vdop:1.0m haacc:0.4m vacc:24.0 flags:G2'stand alone 2D solution'
north:5197363.486 m east:451983.722 m zone:35T
Initial pre position (3:outdoor)
0.993 0.120 0.000 54.289
-0.120 0.993 0.000 4.788
0.000 0.000 1.000 39.669
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '35'

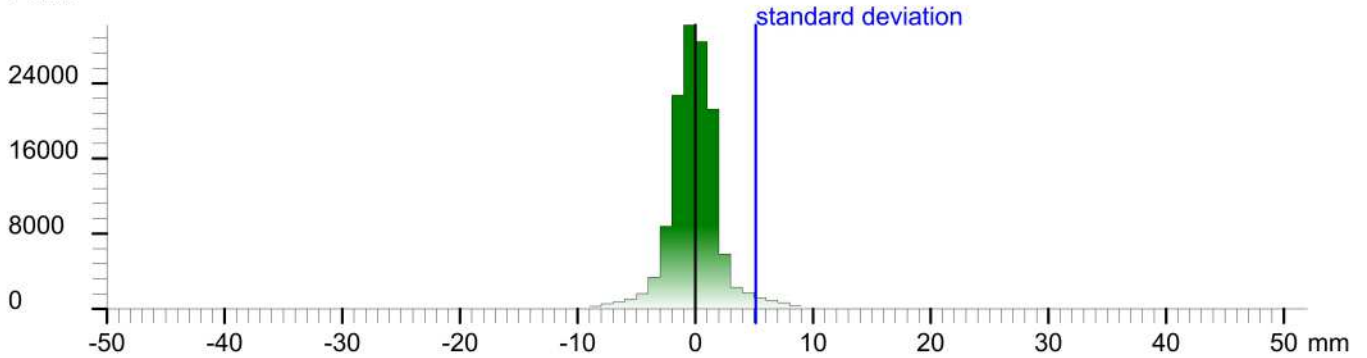
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.588656 -0.808384 0.000148 35.7638 m  
0.808383 -0.588655 -0.001634 -20.5237 m  
0.001408 -0.000842 0.999999 1.1516 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:5.1 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.35'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.35" -scanpos "35" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -ffrom "0" -to "181" -fitmax1 "20" -fit1 "340"  
Sensor  
sensors: 3100 " barometer translation rotation gps"  
Barometer: 0.959617 bar 456.378 m  
nav translation: 31.7529 m -6.7578 m 455.6314 m accuracies: 21.5478 m 21.5478 m 0.0001 m  
nav rotation: 0.0000 0.0000 222.1229 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:46.927887 long:26.369772 satellites:4 height:355.1m hdop:16.1 vdop:14.2m hacc:19.4m vacc:12.4 flags:G3 'stand alone 3D solution'  
north:5197343.252 m east:452022.186 m zone:35T  
Initial pre position (3:outdoor)  
-0.742 -0.671 0.000 86.042  
0.671 -0.742 0.000 -1.970  
0.000 0.000 1.000 43.186  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '36'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

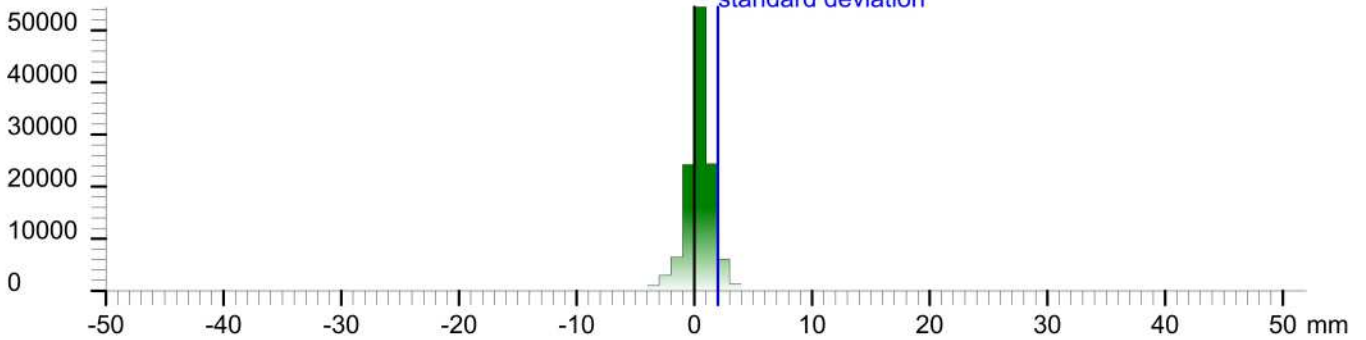
Registration matrix:

```
0.802285 -0.596942 0.000267 35.1702 m
0.596942 0.802284 -0.000336 -16.6661 m
-0.000014 0.000429 1.000000 1.1561 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.0 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.36'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

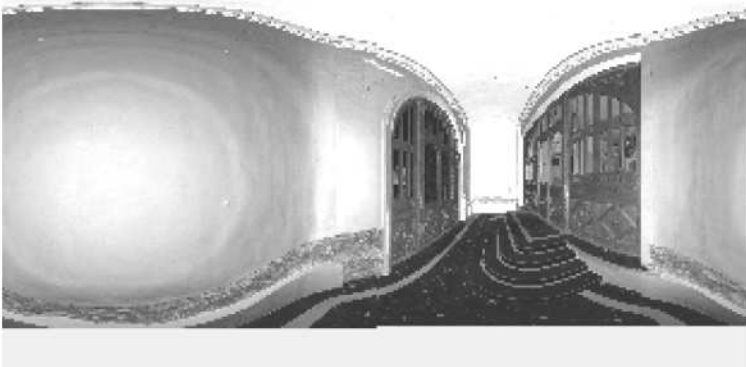
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `ctrl 1,RCSensor 9.0.3' -memorize 1 -file "Muz.Ist.Neamt Sc.36" -scanpos "36" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projedTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -ffrom "0" -to "181" -fitfrom "20" -fit "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.959385 bar 458.4 m  
nav translation: -1.7885 m 2.1237 m 457.7564 m accuracies: 6.4966 m 6.4966 m 0.0000 m  
nav rotation: 0.0000 0.0000 306.3575 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.593 -0.805 0.000 84.253  
0.805 0.593 0.000 0.154  
0.000 0.000 1.000 45.311  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





# Scan position '37'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

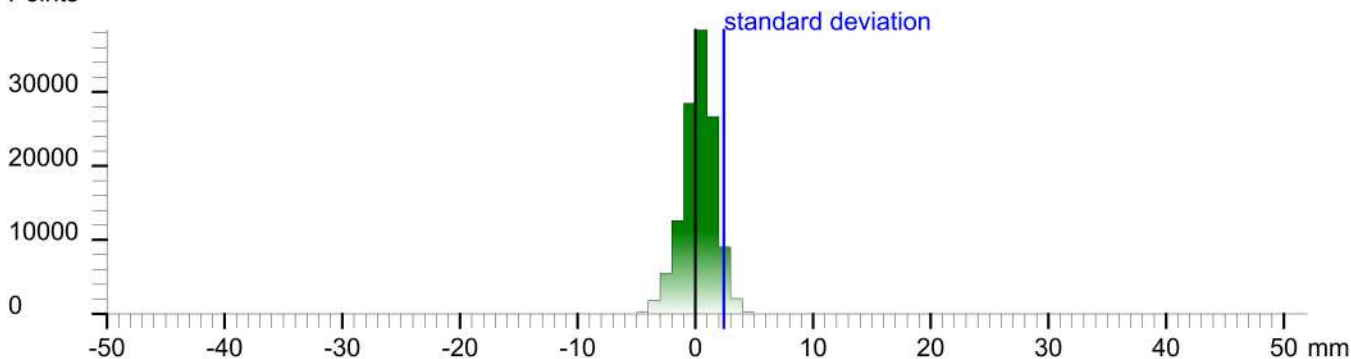
Registration matrix:

```
-0.931120  0.364714  0.000639  32.8527 m
-0.364715 -0.931118 -0.001947 -23.1958 m
-0.000116 -0.002046  0.999998  1.1553 m
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:2.4 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.37'

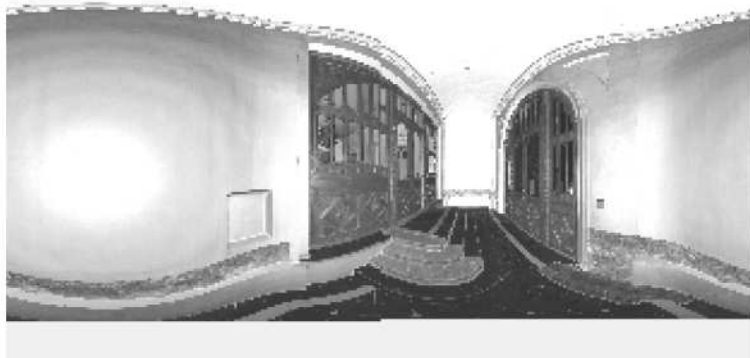
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.37" -scanpos "37" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projedTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -ffrom "0" -to "181" -ffrom1 "20" -file1 "340"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.959226 bar 459.786 m
nav translation: 0.3158 m -1.5115 m 459.2825 m accuracies: 5.8800 m 5.8800 m 0.0000 m
nav rotation: 0.0000 0.0000 142.9594 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.798 0.602 0.000 84.569
-0.602 -0.798 0.000 -1.358
0.000 0.000 1.000 46.837
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '38'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

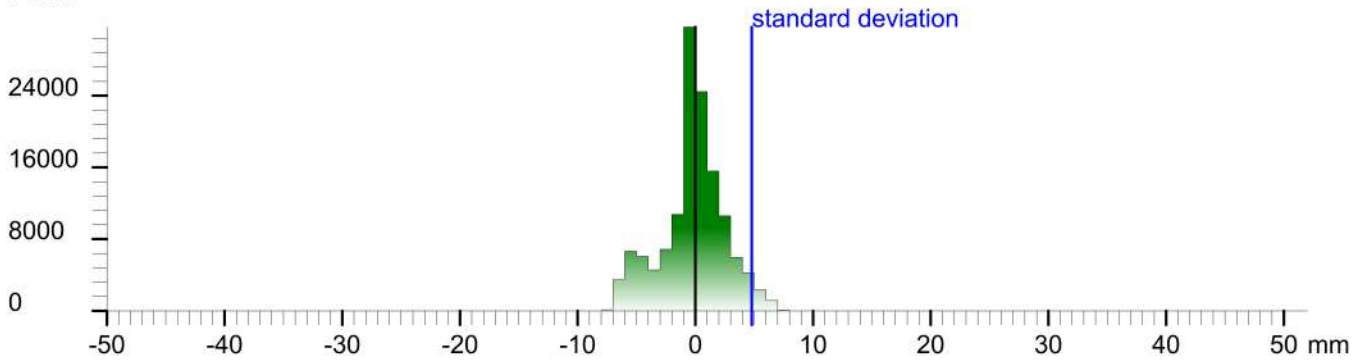
Registration matrix:

```
-0.581128 -0.813813 0.000233 32.3544 m
0.813811 -0.581128 -0.001460 -19.4099 m
0.001324 -0.000659 0.999999 1.7623 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:4.8 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.38'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "ZFCSensor 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.38" -scansize "38" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -ffrom "0" -to "181" -fitfrom "20" -fit "340"
Sensor
sensors: 3096 " barometer translation rotation"
Barometer: 0.959038 bar 461.419 m
nav translation: -7.4575 m 1.5981 m 461.2831 m accuracies: 8.9354 m 8.9354 m 0.0000 m
nav rotation: 0.0000 0.0000 222.8330 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.733 -0.680 0.000 77.112
0.680 -0.733 0.000 0.241
0.000 0.000 1.000 48.837
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '39'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

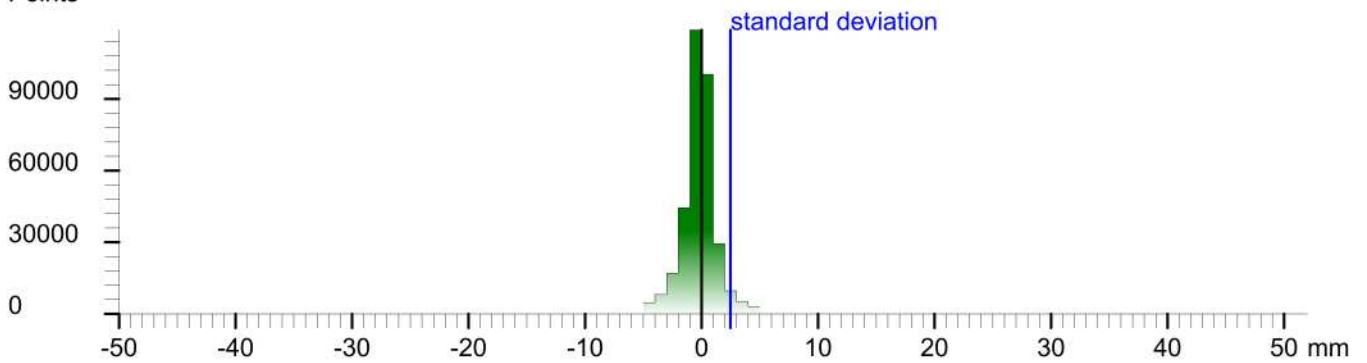
Registration matrix:

```
-0.993957 -0.109778 0.000559 28.7927 m
0.109777 -0.993955 -0.001803 -18.2454 m
0.000754 -0.001731 0.999998 1.7424 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.5 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.39'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.39" -scanpos "39" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projedTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -ffrom "0" -to "181" -fitfrom "20" -fit "340"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.959023 bar 461.549 m
nav translation: -2.6305 m -0.9724 m 462.1167 m accuracies: 6.5142 m 6.5142 m 0.0001 m
nav rotation: 0.0000 0.0000 177.7299 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.999 0.040 0.000 74.481
-0.040 -0.999 0.000 -0.732
0.000 0.000 1.000 49.671
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '4'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

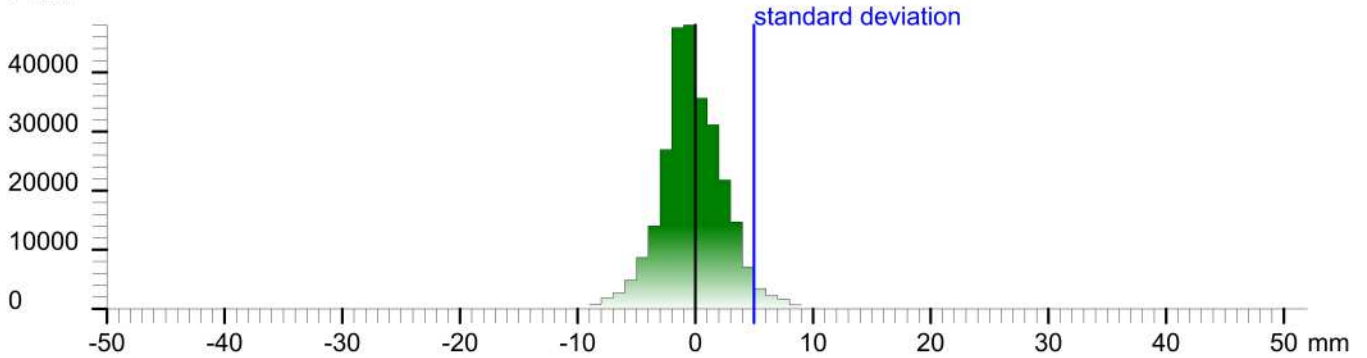
Registration matrix:

```
0.978424 0.206605 0.000366 15.0204 m
-0.206606 0.978424 0.000355 16.1499 m
-0.000285 -0.000423 1.000000 -0.0822 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:5.0 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.4'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.4" -scenpos "4" -path "Muzel de istorie Neamt" -project "Muzel de istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -infrom "20" -to "181" "360"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.964342 bar 415.357 m
nav translation: 16.7038 m 6.0774 m 415.4896 m accuracies: 14.9824 m 14.9824 m 0.0000 m
nav rotation: 0.0000 0.0000 9.6639 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.928246 long:26.369272 satellites:6 height:354.6m hdop:1.8 vdop:2.8m haacc:5.8m vacc:7.1 flags:G3 'stand alone 3D solution'
north:5197383.405 m east:451984.463 m zone:35T
Initial pre position (3:outdoor)
0.986 0.168 0.000 24.196
-0.168 0.986 0.000 -9.073
0.000 0.000 1.000 3.044
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '40'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

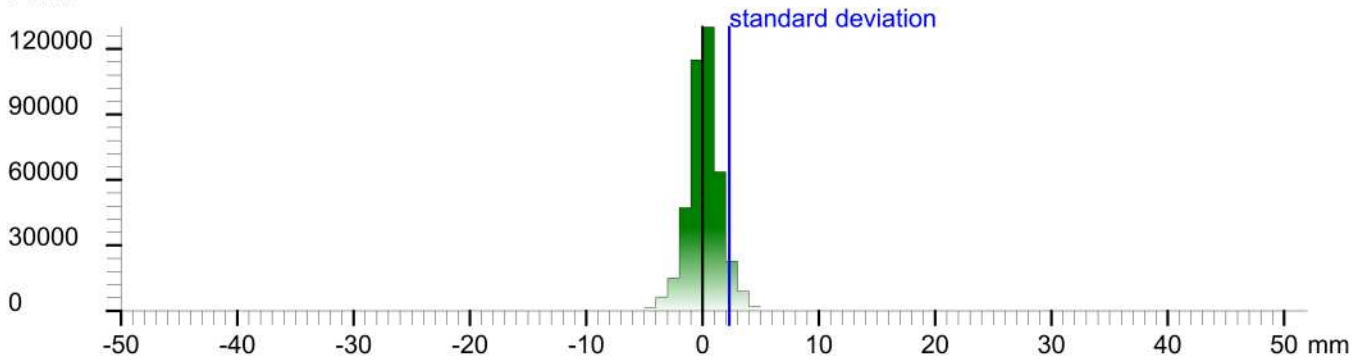
Registration matrix:

```
-0.999981  0.006246  0.000208  23.3851 m
-0.006247 -0.999980 -0.001651 -17.3126 m
0.000197  -0.001652  0.999999   1.7457 m
0.000000  0.000000  0.000000   1.0000
```

Result registration cloud to cloud standard deviation: 2.3 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.40'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.40" -scansize "40" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -ffrom "0" -to "181" -ffrom1 "20" -file "340"
Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.958969 bar 462.019 m
nav translation: -4.0069 m -2.5500 m 461.6836 m accuracies: 7.5033 m 7.5033 m 0.0000 m
nav rotation: 0.0000 0.0000 169.1796 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.982 0.188 0.000 70.474
-0.188 -0.982 0.000 -3.282
0.000 0.000 1.000 49.238
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '41'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

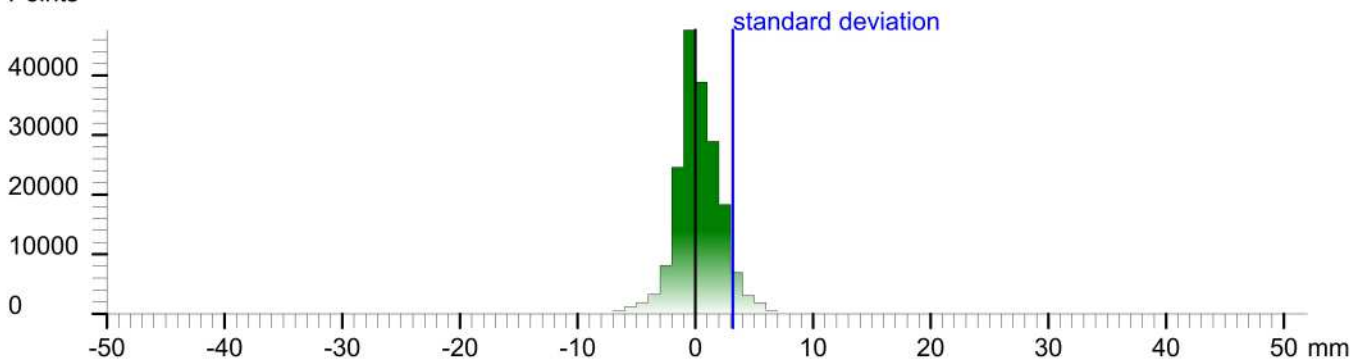
Registration matrix:

```
-0.955456 -0.295137 -0.000500 18.3335 m
0.295137 -0.955455 -0.001276 -11.3388 m
-0.000101 -0.001367 0.999999 1.7647 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.2 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.41'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "ZCSense 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.41" -scanspot "41" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projedTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -ffrom "0" -to "181" -ffrom1 "20" -file "340"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.958925 bar 462.402 m
nav translation: -7.0655 m -2.7538 m 462.0179 m accuracies: 8.9087 m 8.9087 m 0.0001 m
nav rotation: 0.0000 0.0000 183.0429 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.999 -0.053 0.000 63.409
0.053 -0.999 0.000 -6.036
0.000 0.000 1.000 49.572
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '42'

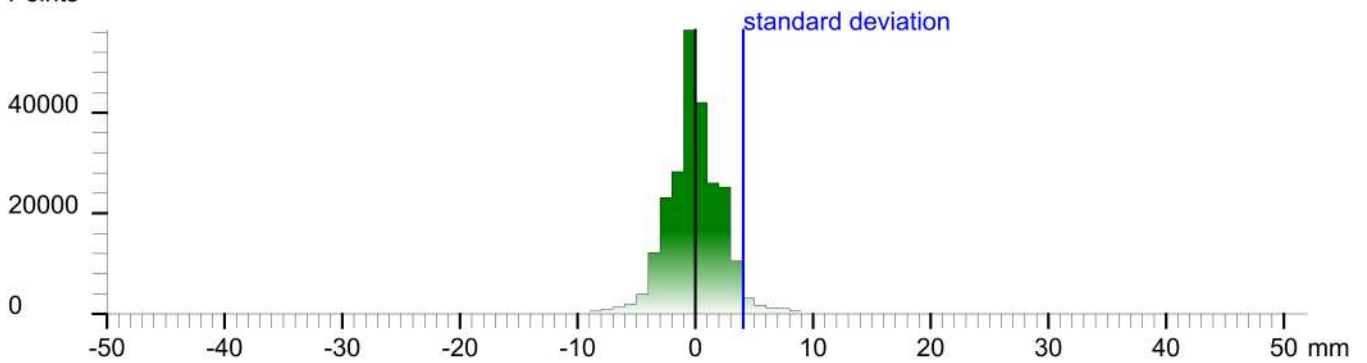
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.419009  0.907983  0.000107  18.2194 m  
-0.907982 -0.419009 -0.001304 -15.4226 m  
-0.001139 -0.000643  0.999999   1.7527 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:4.1 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.42'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.42" -scanset "42" -path "Muz.Ist.Neamt" -project "Muz.Ist.Neamt" -projTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -ffrom "0" -to "181" -fitfrom "20" -fit "340"  
Sensor  
sensors: 3096 "barometer translation rotation"  
Barometer: 0.958866 bar 462.917 m  
nav translation: -0.0697 m -2.4644 m 462.7703 m accuracies: 6.3468 m 6.3468 m 0.0001 m  
nav rotation: 0.0000 0.0000 97.3991 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.129 0.992 0.000 63.339  
-0.992 -0.129 0.000 -8.500  
0.000 0.000 1.000 50.325  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '43'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

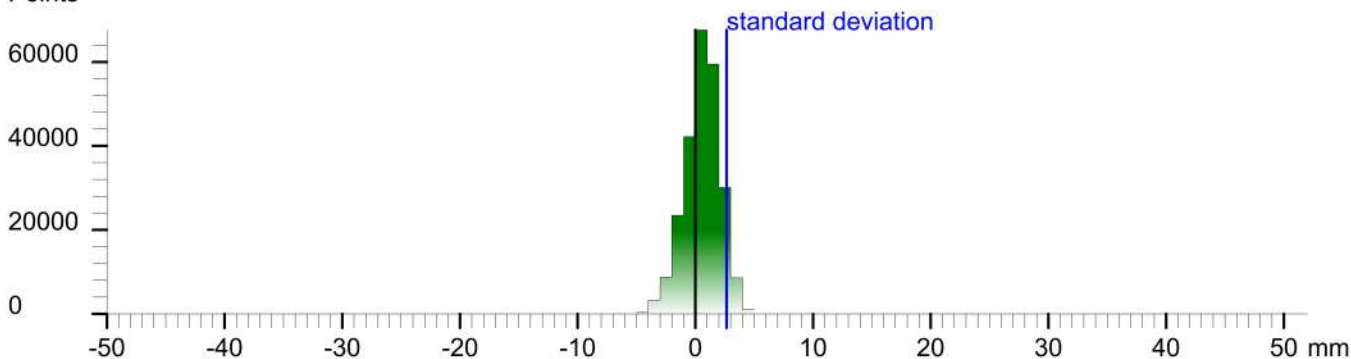
Registration matrix:

```
0.959133 -0.282958 0.000420 30.9257 m
0.282958 0.959133 -0.000458 -14.2612 m
-0.000273 0.000559 1.000000 1.7714 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.7 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.43'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

Scan command: -crl "RCServer 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.43" -scanset "43" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projctTemplate "" -compensator -nav -temperature "20" -camera "1-cam" -panoramaparams fast-resolution h -quality default -ffrom "0" -to "181" -fitem1 "20" -file1 "340"

Sensor

```
sensors: 3096 ' barometer translation rotation'
Barometer: 0.958620 bar 465.056 m
nav translation: 9.0017 m 5.2256 m 463.3911 m accuracies: 10.3295 m 10.3295 m 0.0000 m
nav rotation: 0.0000 0.0000 342.3116 accuracies: 0.0000 0.0000 15.0000
upside-down: no
initial pre position (4:1m)
1.000 0.000 0.000 0.000
0.000 1.000 0.000 0.000
0.000 0.000 1.000 0.000
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





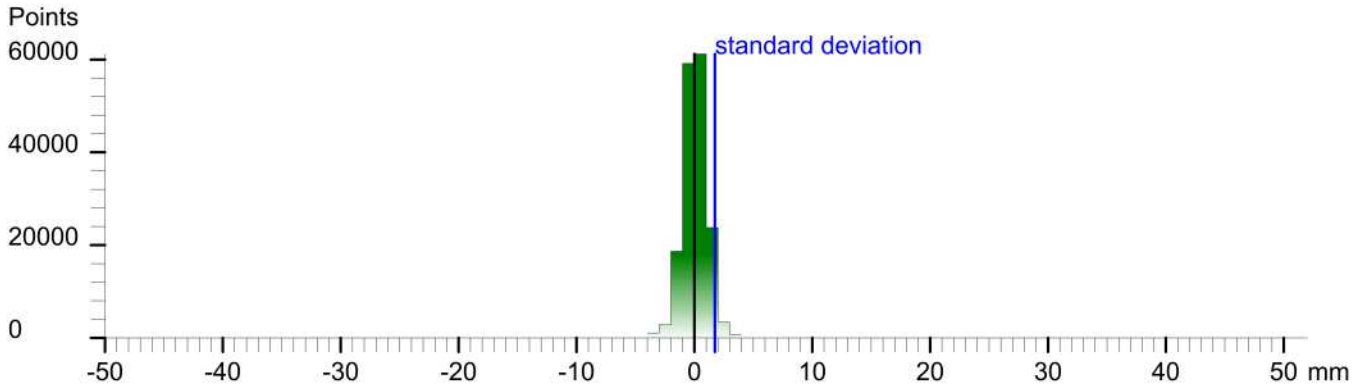
# Scan position '44'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.849908	-0.526932	0.000485	33.9157 m
0.526932	0.849908	0.000286	-8.7717 m
-0.000563	0.000013	1.000000	2.3322 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.7 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.44'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.44" -scanset "44" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "340"
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.958266 bar 468.139 m  
nav translation: 0.0000 m 0.0000 m 467.3197 m accuracies: 5.1000 m 5.1000 m 0.0000 m  
nav rotation: 0.0000 0.0000 318.5685 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.750 -0.662 0.000 72.341  
0.662 0.750 0.000 -3.274  
0.000 0.000 1.000 54.874  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '45'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

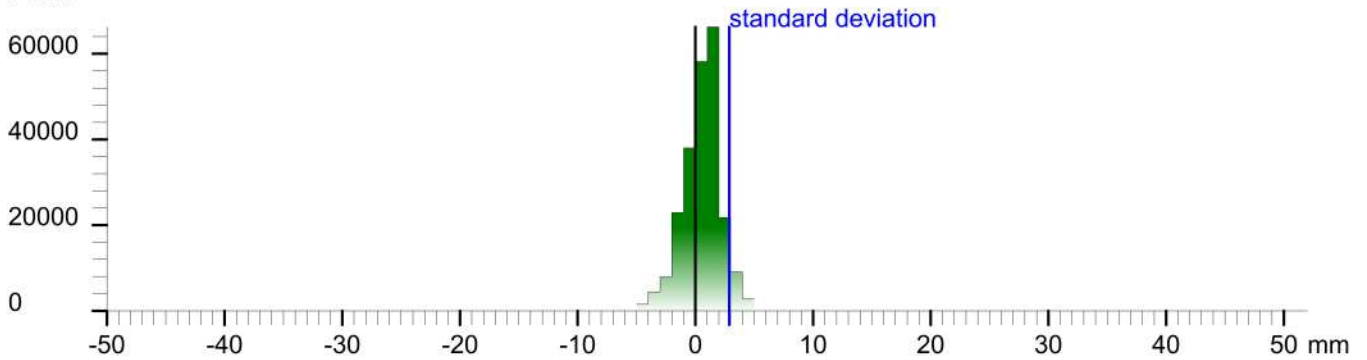
Registration matrix:

```
0.708147 0.706065 0.000980 27.8722 m
-0.706064 0.708148 -0.000806 -22.5011 m
-0.001263 -0.000121 0.999999 1.6384 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.9 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.45'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: 'c:\1_RCSense 9.0.3' -memorize 1 -file "Muz.Ist.Neamt Sc.45" -scanset "45" -path "Muz.Ist.Neamt" -project "Muz.Ist.Neamt" -projTemplate "" -nav -temperature "20" -camera "zcam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -hfo "140"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.958206 bar 468.665 m
nav translation: 7.5283 m -19.7015 m 467.6559 m accuracies: 15.7572 m 15.7572 m 0.0001 m
nav rotation: 0.0000 0.0000 36.8979 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.800 0.600 0.000 79.869
-0.600 0.800 0.000 -22.976
0.000 0.000 1.000 55.210
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '46'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

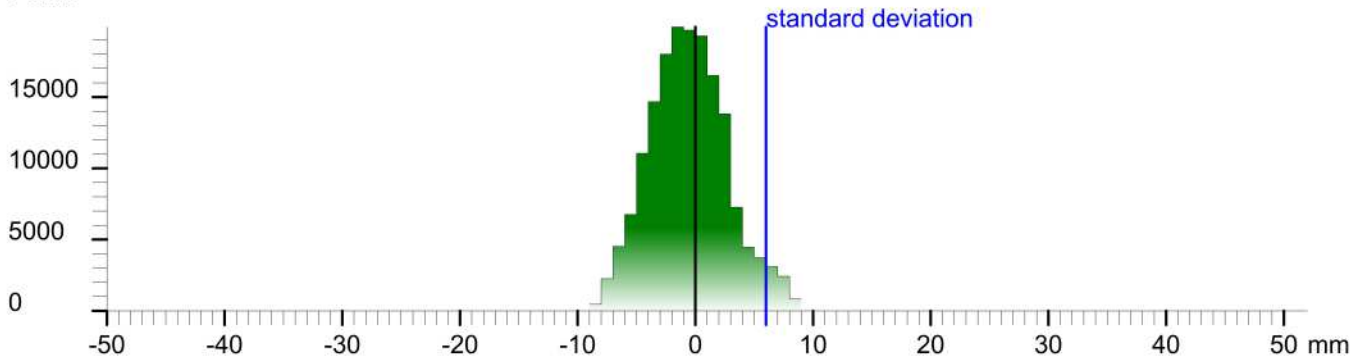
Registration matrix:

```
-0.035438  0.999373  -0.000141  26.0507 m  
-0.999363  -0.035438  -0.004464  -27.2570 m  
-0.004466  -0.000018  0.999990   2.0987 m  
0.000000   0.000000   0.000000   1.0000
```

Result registration cloud to cloud standard deviation:6.0 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.46'

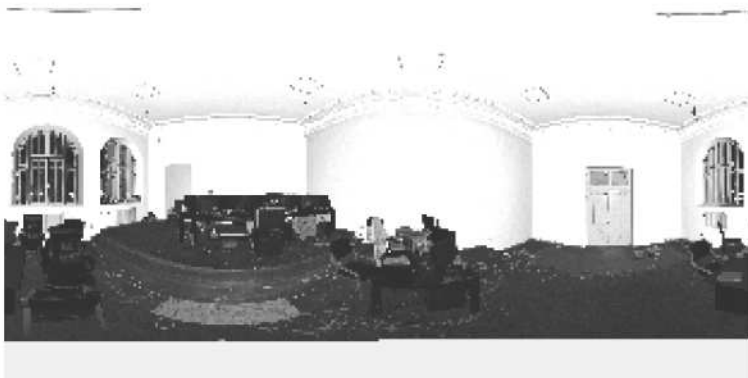
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: 'cd /usr/local/bin; ./rcsenser 9.0.3' -memorize 1 -file "Muz.Ist.Neamt Sc.46" -scanspos "46" -path "Muz.Ist.Neamt" -project "Muz.Ist.Neamt" -projTemplate "" -nav -temperature "20" -camera "zcam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "340"  
Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.957901 bar 471.323 m  
nav translation: 2.0695 m -1.8626 m 471.0841 m accuracies: 6.5040 m 6.5040 m 0.0001 m  
nav rotation: 0.0000 0.0000 81.6089 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.146 0.989 0.000 81.938  
-0.989 0.146 0.000 -24.839  
0.000 0.000 1.000 58.638  
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '47'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

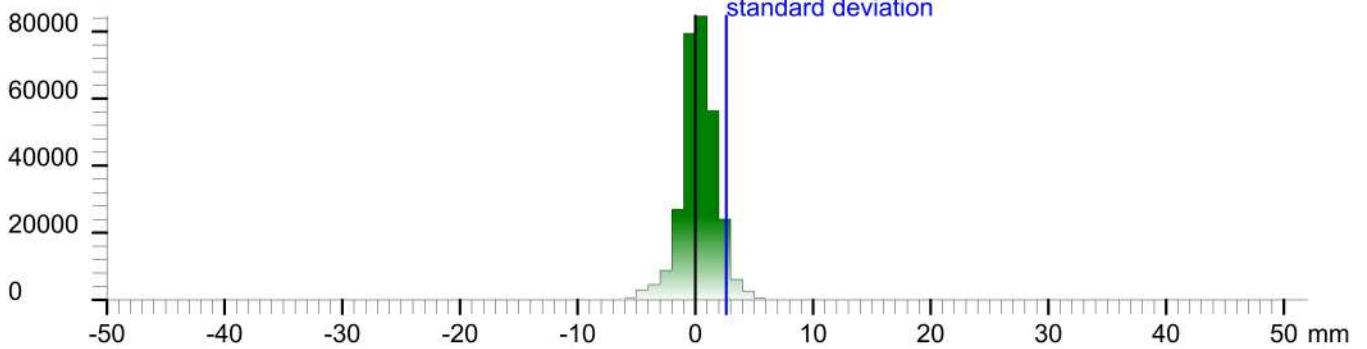
Registration matrix:

```
-0.573043 -0.819525 -0.000930 18.1494 m
0.819525 -0.573043 -0.001180 -16.7884 m
0.000433 -0.001439 0.999999 1.6319 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.6 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.47'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: 'c:\1_RCSense 9.0.3' -memorize 1 -file "Muz.Ist.Neamt Sc.47" -scanspos "47" -path "Muz.Ist.Neamt" -project "Muz.Ist.Neamt" -projTemplate "" -nav -temperature "20" -camera "zcam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "140"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.957903 bar 471.3 m
nav translation: -12.3867 m 3.9024 m 471.1726 m accuracies: 11.6874 m 11.6874 m 0.0001 m
nav rotation: 0.0000 0.0000 222.1913 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.741 -0.672 0.000 69.552
0.672 -0.741 0.000 -20.936
0.000 0.000 1.000 58.727
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '48'

Scan position is member of group(s):

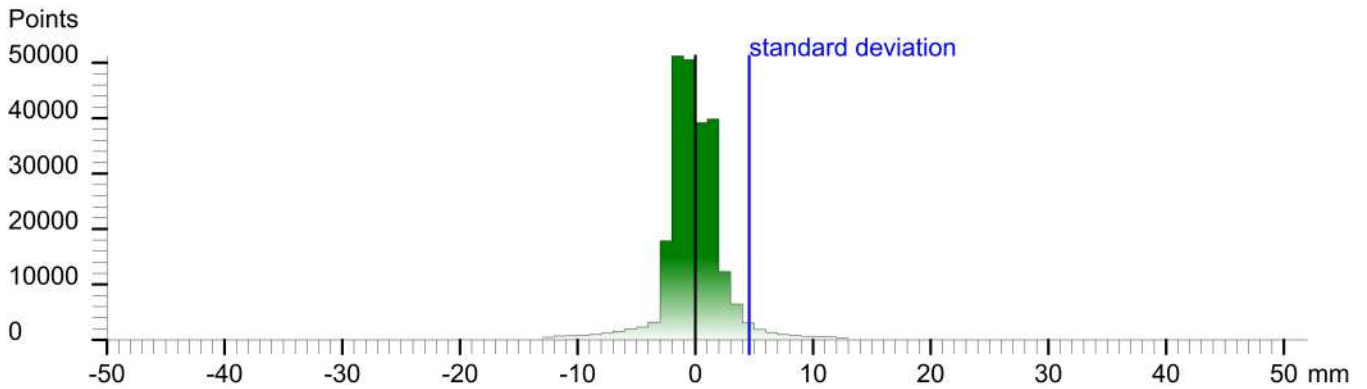
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

```
-0.430078 -0.902792 -0.000754 15.2239 m
0.902792 -0.430078 -0.001012 -15.9348 m
0.000589 -0.001117 1.000000 3.0194 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:4.6 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.48'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

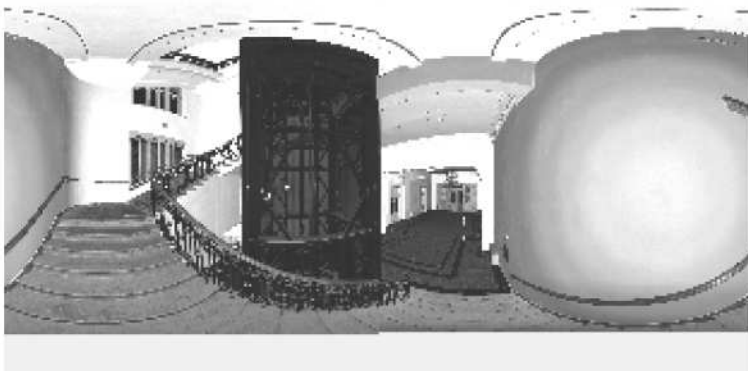
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.48" -scanset "48" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projTemplate "" -nav -temperature "20" -camera "zcam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -fram1 "20" -fo1 "140"
```

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.957804 bar 472.167 m  
nav translation: -6.6538 m 1.8874 m 472.6205 m accuracies: 8.5882 m 8.5882 m 0.0000 m  
nav rotation: 0.0000 0.0000 242.3856 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.464 -0.886 0.000 62.898  
0.886 -0.464 0.000 -19.049  
0.000 0.000 1.000 60.175  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '49'

Scan position is member of group(s):

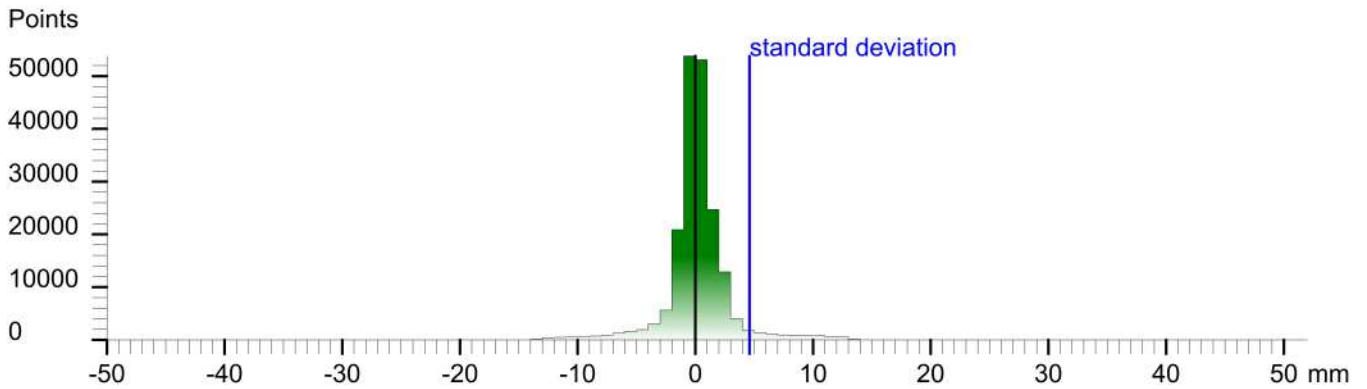
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

```
0.989333  0.145672  -0.000053  13.2122 m
-0.145671 0.989334  0.000130  -14.1759 m
0.000072  -0.000121  1.000000  4.2187 m
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:4.6 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.49'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

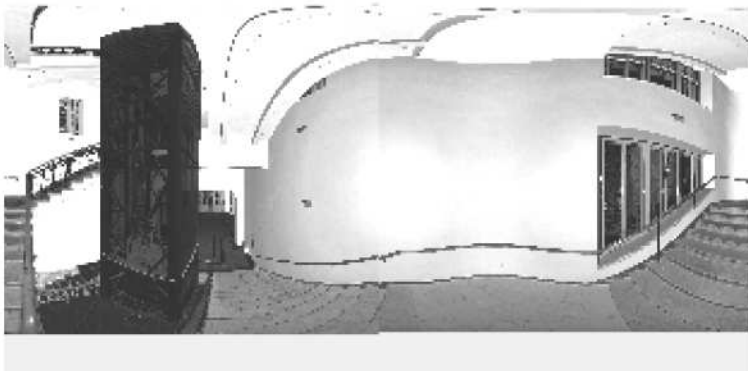
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.49" -scanspos "49" -path "Muzel de istorie Neamt" -project "Muzel de istorie Neamt" -projedTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -hfo "140"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.957647 bar 473.53 m  
nav translation: -1.4620 m 4.8269 m 473.3150 m accuracies: 7.6563 m 7.6563 m 0.0000 m  
nav rotation: 0.0000 0.0000 3.1553 accuracies: 0.0000 0.0000 172.8265  
upside-down: no  
Initial pre position (0:indoor)  
0.998 0.055 0.000 61.436  
-0.055 0.998 0.000 -14.222  
0.000 0.000 1.000 60.869  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '5'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

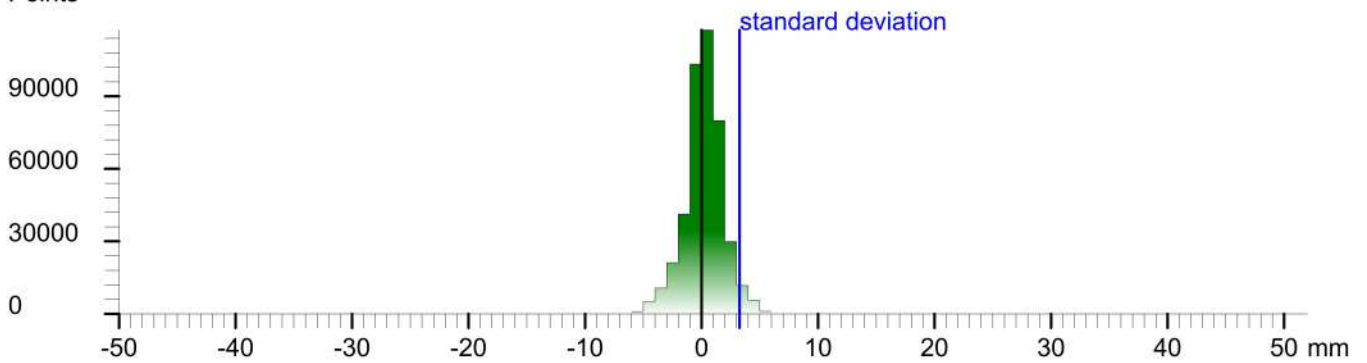
Registration matrix:

```
0.960690 0.277621 0.000848 23.6095 m
-0.277622 0.960690 0.000206 13.3473 m
-0.000758 -0.000433 1.000000 0.0290 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.3 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.5'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crti "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.5" -scenpos "0" -path "Muzel de istorie Neamt" -project "Muzel de istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "cam" -panoramaparams fast -resolution h -quality default -from "0" -to "181" -infrom1 "20" -to1 "180"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.964298 bar 415.736 m
nav translation: 10.5871 m 3.8805 m 415.7324 m accuracies: 10.7853 m 10.7853 m 0.0001 m
nav rotation: 0.0000 0.0000 13.3406 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:46.928230 long:26.369398 satellites:5 height:353.7m hdop:3.5 vdop:3.2m haacc:13.0m vacc:9.4 flags:G3 'stand alone 3D solution'
north:5197381.633 m east:451994.033 m zone:35T
Initial pre position (3:outdoor)
0.973 0.231 0.000 34.783
-0.231 0.973 0.000 -5.193
0.000 0.000 1.000 3.287
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '50'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

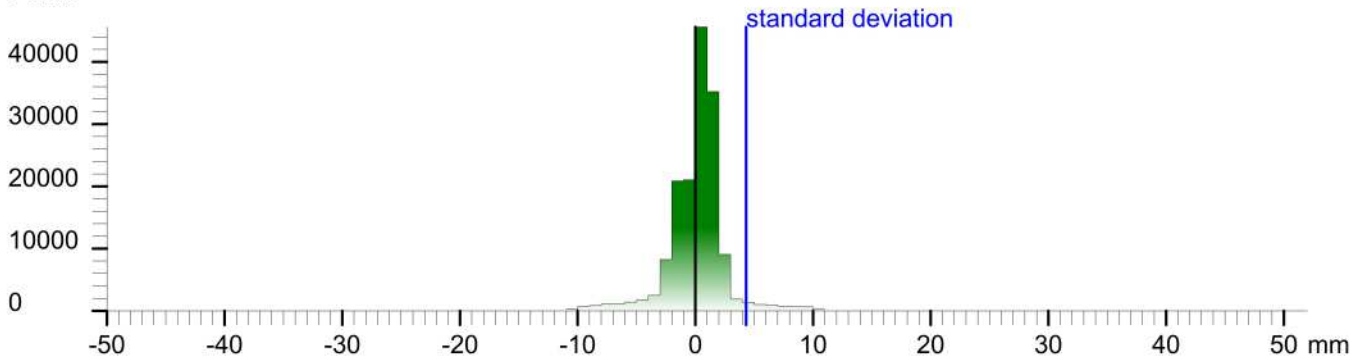
Registration matrix:

```
0.367506 0.930022 0.000368 13.8091 m
-0.930022 0.367507 0.000039 -10.2508 m
-0.000098 -0.000356 1.000000 5.6811 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:4.3 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.50'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

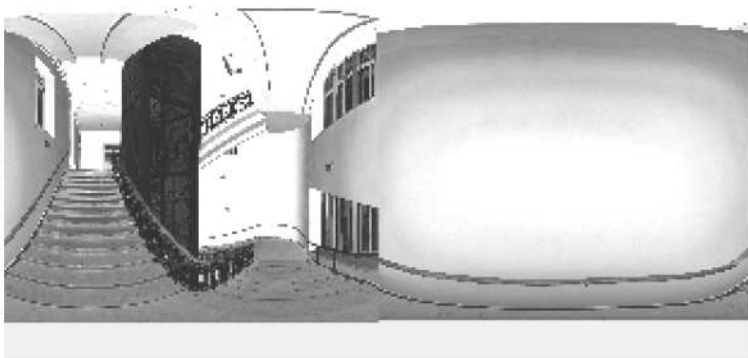
Scan command: `cd /usr/local/bin; ./rcsServer 9.0.3 --memorize 1 -file "Muz.Ist.Neamt Sc.50" --scanpos "50" --path "Muzul de istorie Neamt" --project "Muzul de istorie Neamt" --projTemplate "" --nav -temperature "20" --camera "zcam" --panoramaparams test --resolution h --quality default --fram "0" --fo "181" --fram1 "20" --fo1 "140"`

Warning:754

Sensor

```
sensors: 3096 ' barometer translation rotation'
Barometer: 0.957491 bar 474.892 m
nav translation: 10.3181 m -6.1965 m 474.2202 m accuracies: 11.1580 m 11.1580 m 0.0001 m
nav rotation: 0.0000 0.0000 59.3153 accuracies: 0.0000 0.0000 15.0000
upside-down: no
initial pre position (4:1m)
1.000 0.000 0.000 0.000
0.000 1.000 0.000 0.000
0.000 0.000 1.000 0.000
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header





# Scan position '52'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

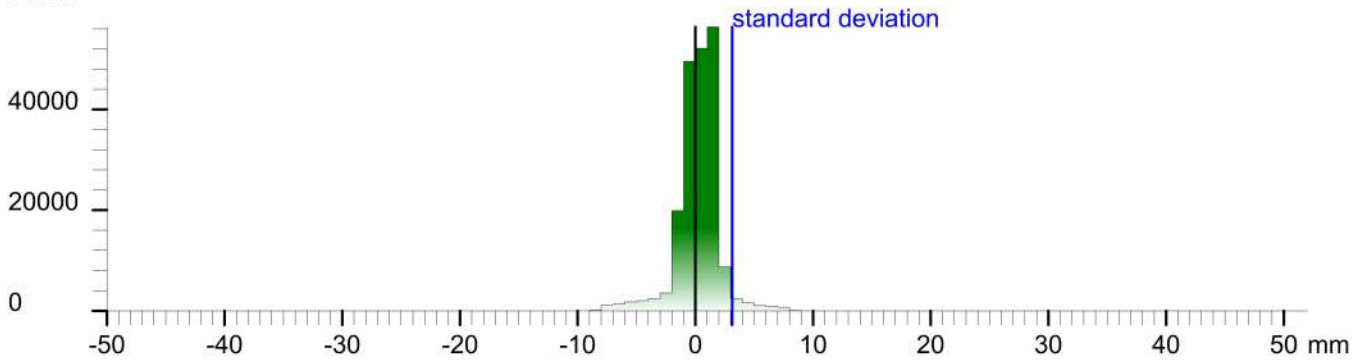
Registration matrix:

0.404504	0.914536	-0.000823	16.3765 m
-0.914537	0.404504	-0.000484	-11.0880 m
-0.000109	0.000949	1.000000	6.7485 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.1 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.52'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

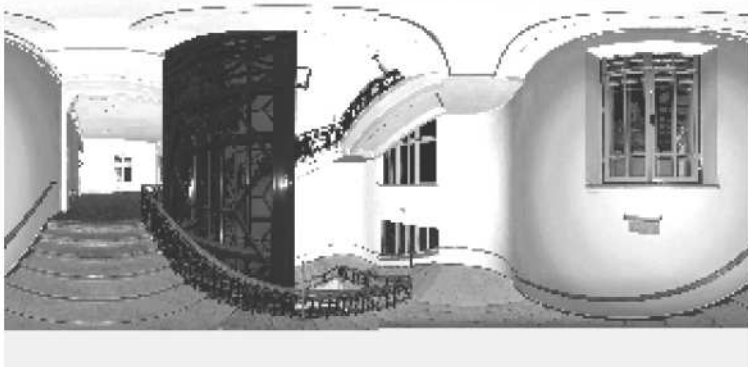
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.52" -scanpos "52" -path "Muz.Ist.Neamt" -project "Muz.Ist.Neamt" -projTemplate "" -nav -temperature "20" -camera "zcam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.957113 bar 478.188 m  
nav translation: 0.0393 m 0.0371 m 477.0703 m accuracies: 5.1287 m 5.1287 m 0.0000 m  
nav rotation: 0.0000 0.0000 63.4538 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.447 0.895 0.000 71.793  
-0.895 0.447 0.000 -20.381  
0.000 0.000 1.000 64.625  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '53'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

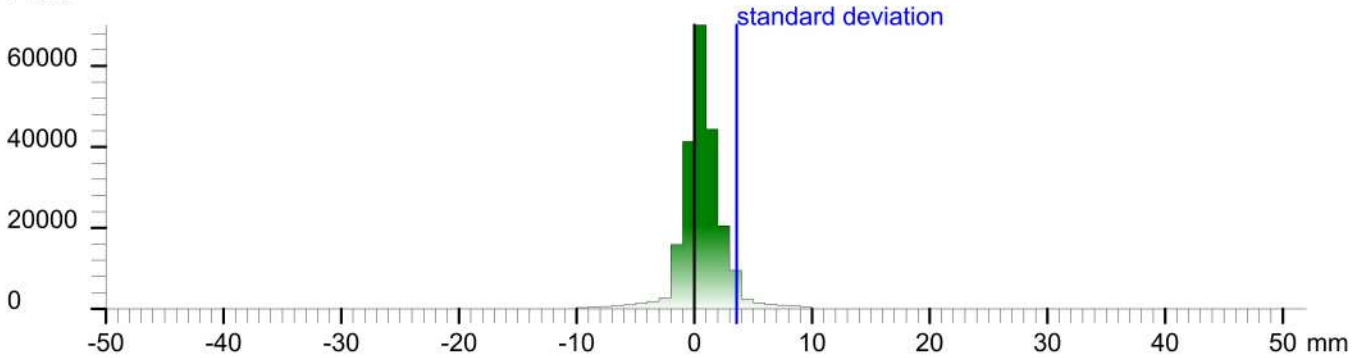
Registration matrix:

```
0.377647 0.925949 0.001188 19.5034 m
-0.925950 0.377649 -0.000361 -12.6090 m
-0.000783 -0.000963 1.000000 7.7209 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.6 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.53'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: 'cd /usr/local/bin; ./memorize 1 -file "Muz.Ist.Neamt Sc.53" -scanset "53" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -fram1 "20" -fo1 "140"'
```

Sensor

```
sensors: 3096 'barometer translation rotation'
Barometer: 0.956638 bar 482.333 m
nav translation: 6.6909 m -4.4362 m 480.4332 m accuracies: 9.1675 m 9.1675 m 0.0000 m
nav rotation: 0.0000 0.0000 84.1201 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.102 0.995 0.000 78.484
-0.995 0.102 0.000 -24.817
0.000 0.000 1.000 67.987
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '54'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

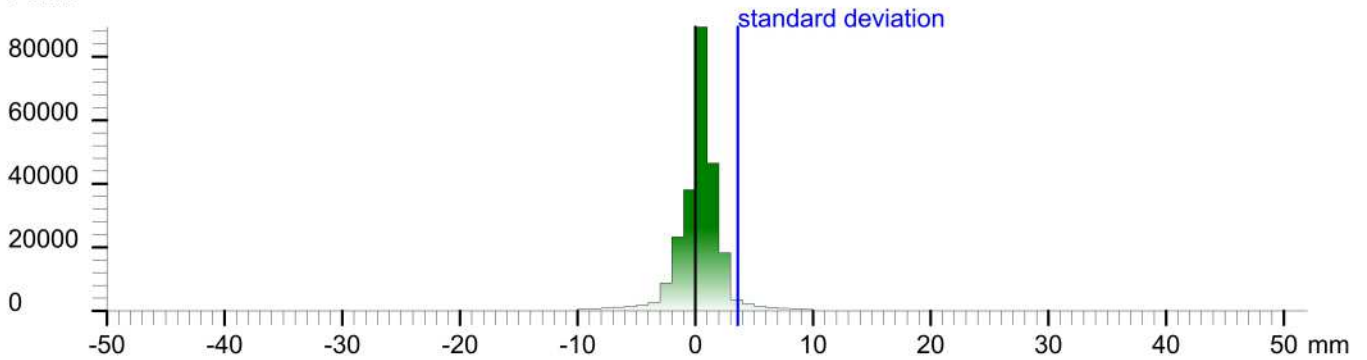
Registration matrix:

```
-0.616977  0.786982  0.000458  17.4534 m
-0.786981 -0.616974 -0.002220 -16.6176 m
-0.001465 -0.001729  0.999998   7.7238 m
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:3.6 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.54'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: 'cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.54" -scanpos "54" -path "Muz.Ist.Neamt" -project "Muz.Ist.Neamt" -projTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "340"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.956552 bar 483.082 m
nav translation: -0.6697 m -3.7594 m 482.7747 m accuracies: 7.0265 m 7.0265 m 0.0001 m
nav rotation: 0.0000 0.0000 125.8281 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.585 0.811 0.000 77.814
-0.811 -0.585 0.000 -28.577
0.000 0.000 1.000 70.329
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '55'

Scan position is member of group(s):

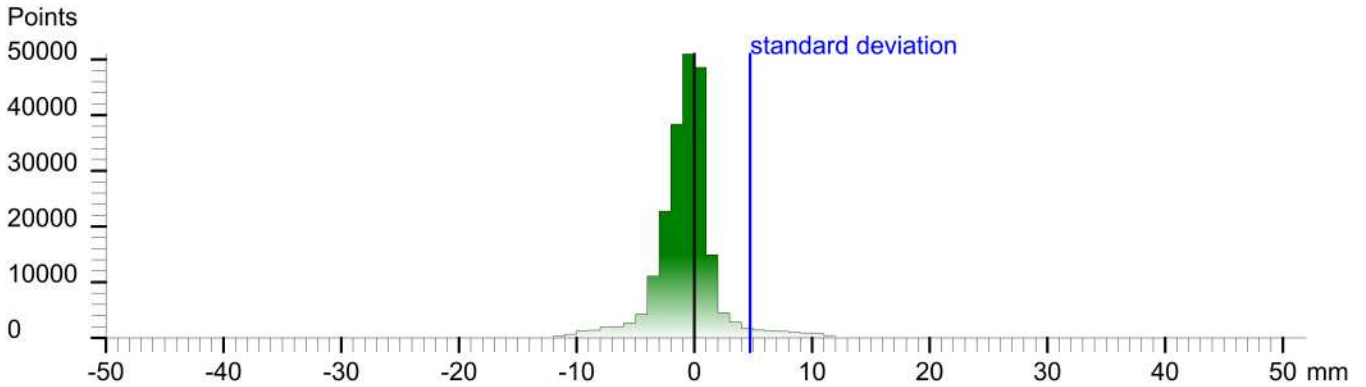
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

0.447389	0.894340	0.000305	14.7502 m
-0.894340	0.447390	-0.000005	-15.6921 m
-0.000140	-0.000271	1.000000	9.1094 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:4.7 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.55'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

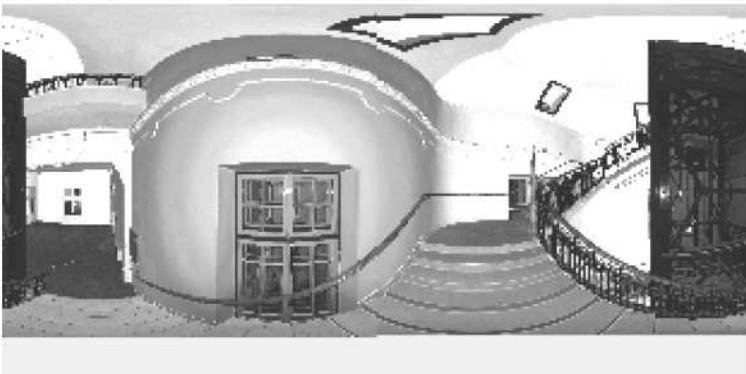
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /1_RCSensor 9.0.3/ -memorize 1 -file "Muz.Ist.Neamt Sc.55" -scanpos "55" -path "Muz.Ist.Neamt" -project "Muz.Ist.Neamt" -projTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.956237 bar 485.831 m  
nav translation: -1.4715 m -6.0400 m 485.2661 m accuracies: 8.2457 m 8.2457 m 0.0001 m  
nav rotation: 0.0000 0.0000 60.6517 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.490 0.872 0.000 76.343  
-0.872 0.490 0.000 -34.617  
0.000 0.000 1.000 72.820  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



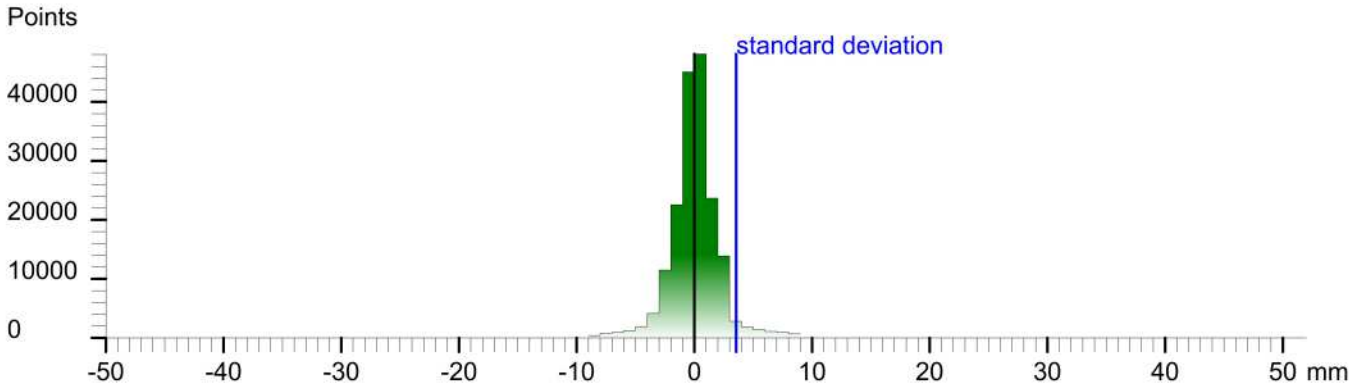
# Scan position '56'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.902665  0.430345 -0.000007  12.2429 m  
-0.430345 -0.902664 -0.001255 -14.2671 m  
-0.000547 -0.001129  1.000000  10.0353 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:3.6 mm

## Deviation histogram



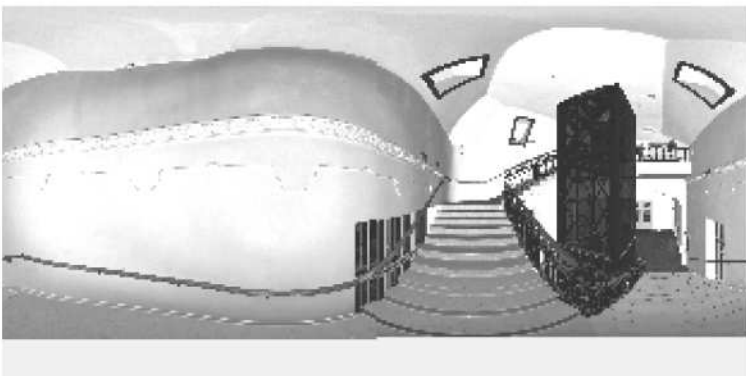
## Scan 'Muz.Ist.Neamt Sc.56'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: 'c:\1_RCSense 9.0.3' -memorize 1 -file "Muz.Ist.Neamt Sc.56" -scanpos '56' -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -fram1 "20" -ho1 "340"  
Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.956002 bar 487.879 m  
nav translation: 2.8953 m -2.7536 m 486.4547 m accuracies: 7.1345 m 7.1345 m 0.0000 m  
nav rotation: 0.0000 0.0000 137.7921 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.741 0.672 0.000 79.238  
-0.672 -0.741 0.000 -37.370  
0.000 0.000 1.000 74.009  
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '57'

Scan position is member of group(s):

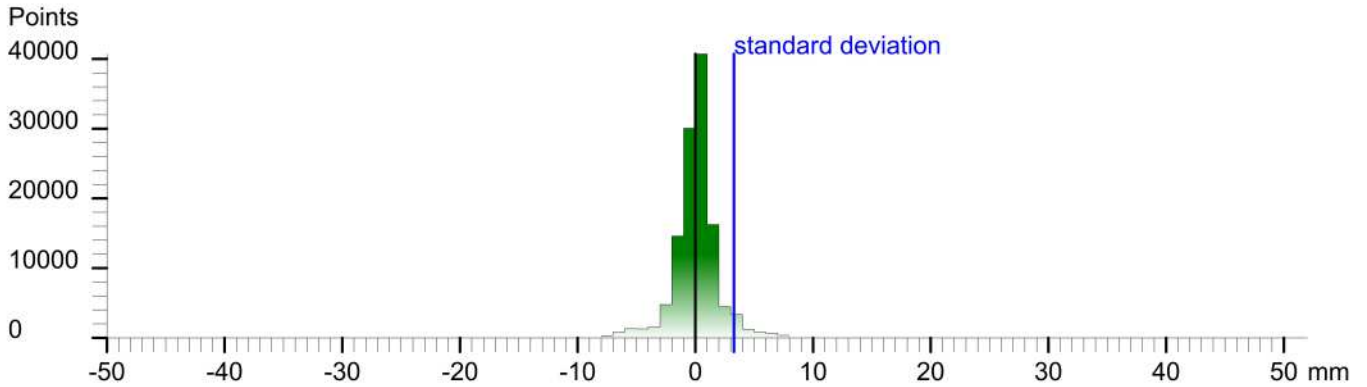
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

```
-0.838042 -0.545606 -0.000487 13.8248 m
0.545605 -0.838043 0.000377 -10.2878 m
-0.000614 0.000051 1.000000 11.5701 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.3 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.57'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

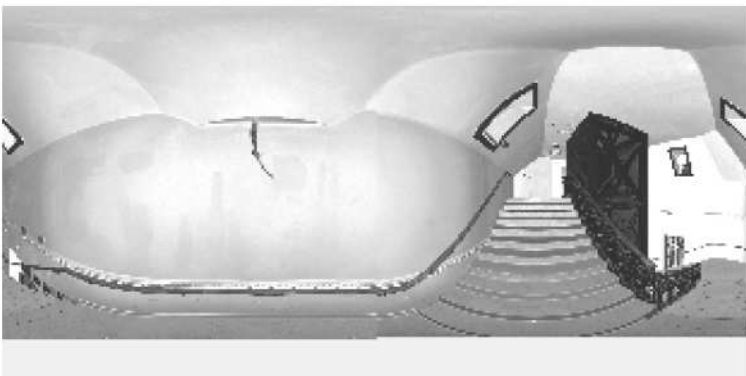
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: 'ctrl 1,RCSensor 9.0.3' -memorize 1 -file "Muz.Ist.Neamt Sc.57" -scanpos "0" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projedTemplate "" -nav -temperature "20" -camera "1-cam" -smartlight -panoramaparams fast-resolution h-quality default -from "0" -to "181" -from1 "20" -to1 "140"

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.955695 bar 490.556 m  
nav translation: -5.2675 m -6.0107 m 490.0330 m accuracies: 9.1706 m 9.1706 m 0.0001 m  
nav rotation: 0.0000 0.0000 180.4748 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-1.000 -0.008 0.000 73.971  
0.008 -1.000 0.000 -43.381  
0.000 0.000 1.000 77.587  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '58'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

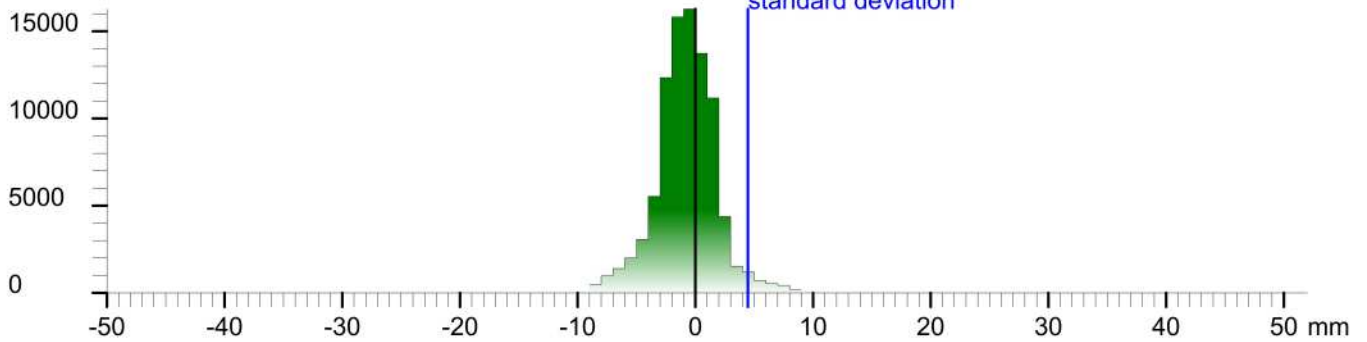
Registration matrix:

```
-0.993858  0.110664  0.000257  17.8343 m  
-0.110665 -0.993859 -0.000589 -11.9470 m  
0.000190 -0.000613  1.000000  13.2725 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:4.5 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.58'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

Scan command: 'cd /usr/local/bin; ./rcsenser 9.0.3; ./memorize 1 -file "Muz.Ist.Neamt Sc.58" -scanpos "58" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projTemplate "" -nav -temperature "20" -camera "1-cam" -smartlight -panoramaparams fast-resolution h-quality default -fnum "0" -fs "181" -fnum1 "20" -fs1 "340"'

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.955393 bar 493.192 m  
nav translation: 2.1865 m 5.5128 m 492.8974 m accuracies: 8.0856 m 8.0856 m 0.0001 m  
nav rotation: 0.0000 0.0000 173.7950 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.994 0.108 0.000 76.157  
-0.108 -0.994 0.000 -37.868  
0.000 0.000 1.000 80.452  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '59'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

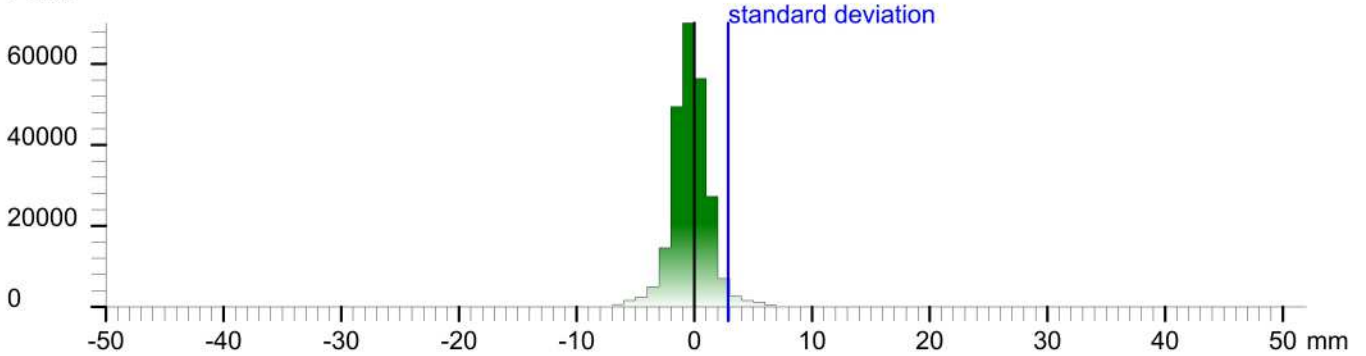
Registration matrix:

```
-0.261657  0.965161  0.001134  23.6624 m
-0.965162 -0.261656 -0.000938 -16.2768 m
-0.000609 -0.001339  0.999999   7.7674 m
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:2.9 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.59'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: 'cd /usr/local/bin; ./rcsenser 9.0.3' -memorize 1 -file "Muz.Ist.Neamt Sc.59" -scanpos '59' -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projctTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -hfo1 "340"
```

```
Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.955891 bar 488.85 m  
nav translation: -4.1644 m -14.4111 m 488.7911 m accuracies: 12.6418 m 12.6418 m 0.0000 m  
nav rotation: 0.0000 0.0000 98.6949 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.151 0.989 0.000 71.993  
-0.989 -0.151 0.000 -52.279  
0.000 0.000 1.000 76.345  
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header





# Scan position '6'

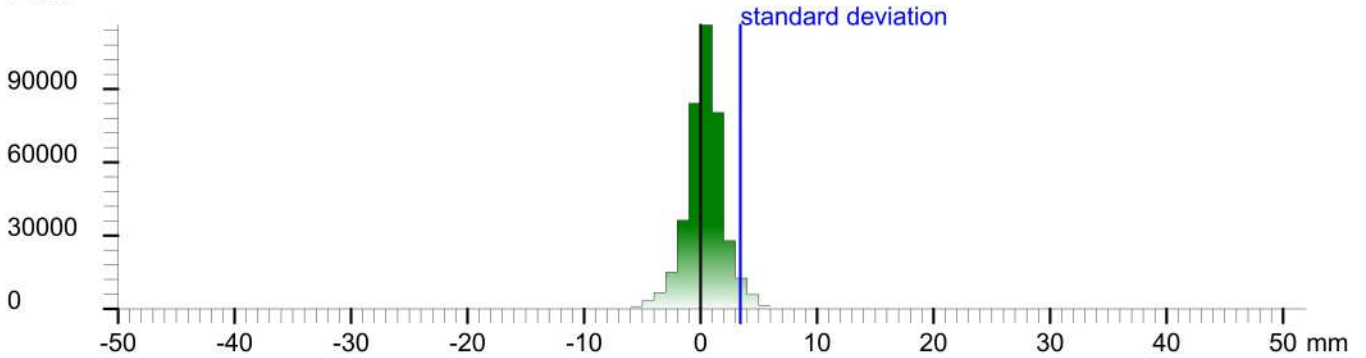
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.986609	0.163102	0.000214	33.4950 m
-0.163102	0.986609	0.000451	9.7102 m
-0.000138	-0.000480	1.000000	0.1211 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.4 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.6'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.6" -scenes "0" -path "Muzeu de istorie Neamt" -project "Muzeu de istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "cam" -panoramaparams fast -resolution h -quality default -from "0" -to "181" -infrom1 "20" -to1 "180"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 0.964213 bar 416.469 m
nav translation: 13.1222 m 4.8956 m 415.7467 m accuracies: 12.1455 m 12.1455 m 0.0001 m
nav rotation: 0.0000 0.0000 3.9662 accuracies: 0.0000 0.0000 172.2941
upside-down: no
GPS lat:46.928135 long:26.369513 satellites:5 height:348.6m hdop:2.9 vdop:3.0m hacc:13.0m vacc:9.8 flags:G3 'stand alone 3D solution'
north:5197370.965 m east:452002.660 m zone:35T
Initial pre position (3:outdoor)
0.998 0.069 0.000 47.905
-0.069 0.998 0.000 -0.297
0.000 0.000 1.000 3.301
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



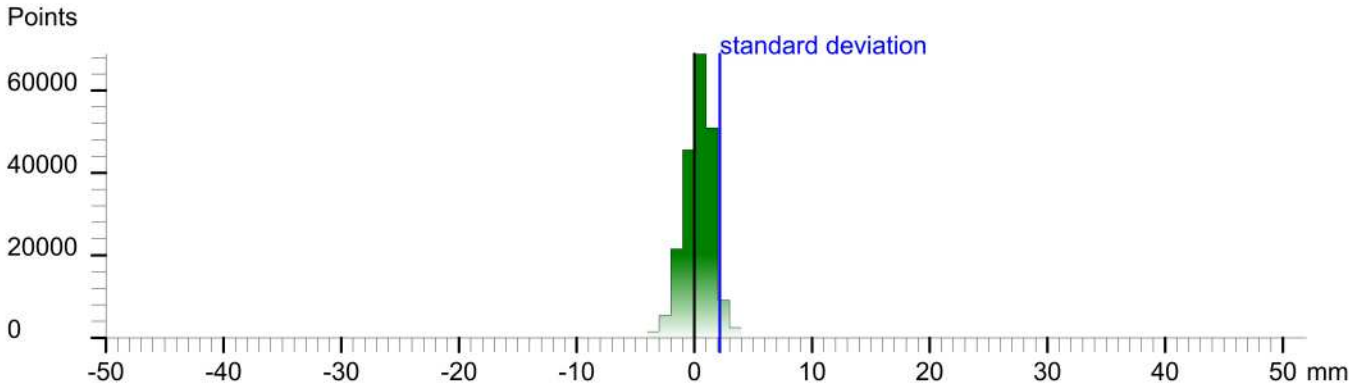
# Scan position '60'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.607583	-0.794257	0.000578	25.3822 m
0.794257	0.607583	0.000760	-13.0714 m
-0.000954	-0.000004	1.000000	7.6915 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.2 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.60'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: 'cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.60" -scanpos '00' -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projedTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "140"'
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.955801 bar 489.635 m  
nav translation: 0.0749 m 1.0191 m 489.2406 m accuracies: 5.6213 m 5.6213 m 0.0000 m  
nav rotation: 0.0000 0.0000 301.8877 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.528 -0.849 0.000 72.068  
0.849 0.528 0.000 -51.260  
0.000 0.000 1.000 76.795  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '61'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

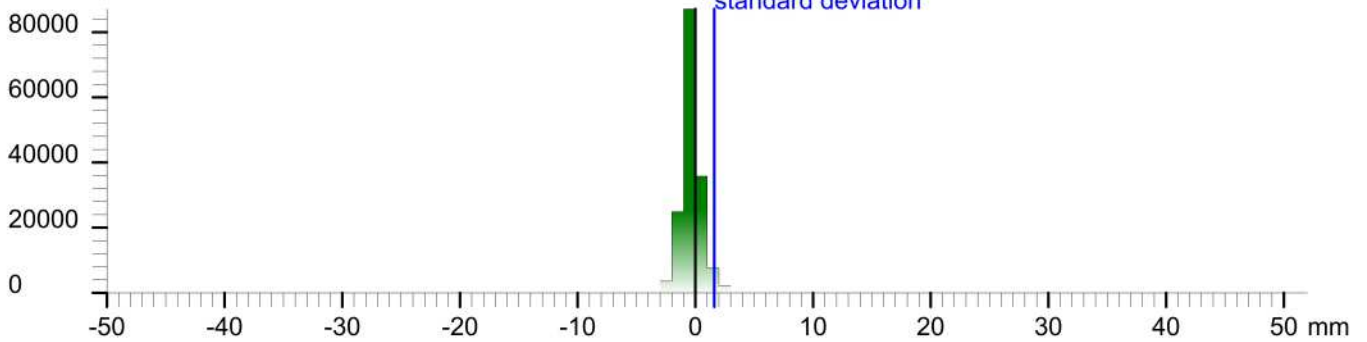
Registration matrix:

```
0.607847 -0.794055 0.000224 26.6674 m
0.794055 0.607847 0.000317 -9.5655 m
-0.000388 -0.000016 1.000000 7.6845 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.6 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.61'

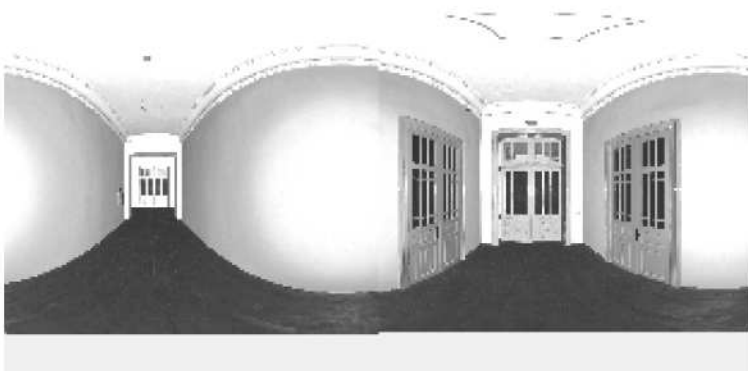
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.61" -scanspos "61" -path "Muz.Ist.Neamt" -project "Muz.Ist.Neamt" -projTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "340"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.955696 bar 490.549 m
nav translation: -1.4717 m 3.4218 m 490.4455 m accuracies: 6.9721 m 6.9721 m 0.0001 m
nav rotation: 0.0000 0.0000 296.9799 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.454 -0.891 0.000 70.596
0.891 0.454 0.000 -47.838
0.000 0.000 1.000 78.000
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '62'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

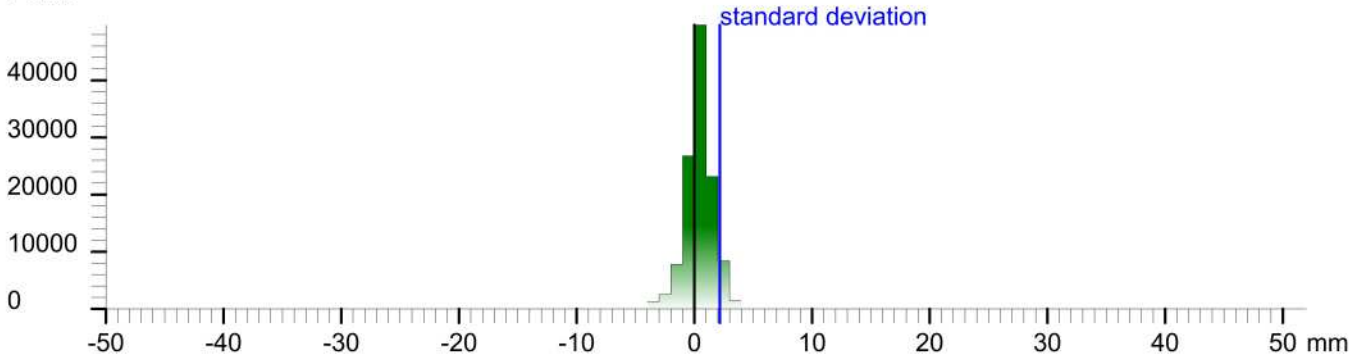
Registration matrix:

0.922501	-0.385997	0.000762	29.3681 m
0.385996	0.922500	0.001526	-1.3829 m
-0.001291	-0.001114	0.999999	7.7037 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.2 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.62'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

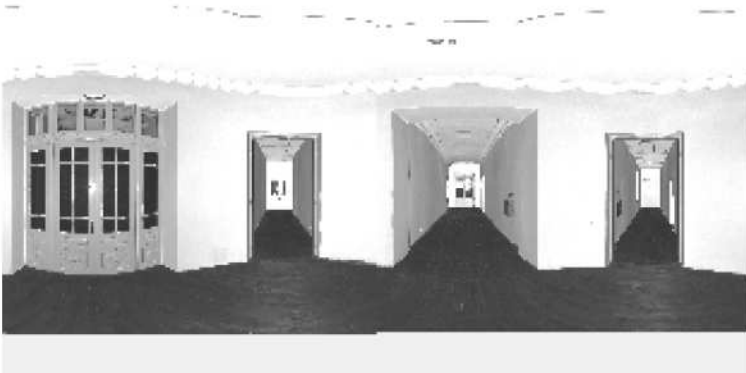
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `ctrl 1,RCSEner 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.62" -scanpos "62" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projecTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.955529 bar 492.003 m  
nav translation: 6.6059 m 5.2306 m 491.0716 m accuracies: 9.3536 m 9.3536 m 0.0000 m  
nav rotation: 0.0000 0.0000 330.6918 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.872 -0.490 0.000 77.202  
0.490 0.872 0.000 -42.608  
0.000 0.000 1.000 78.626  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '63'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

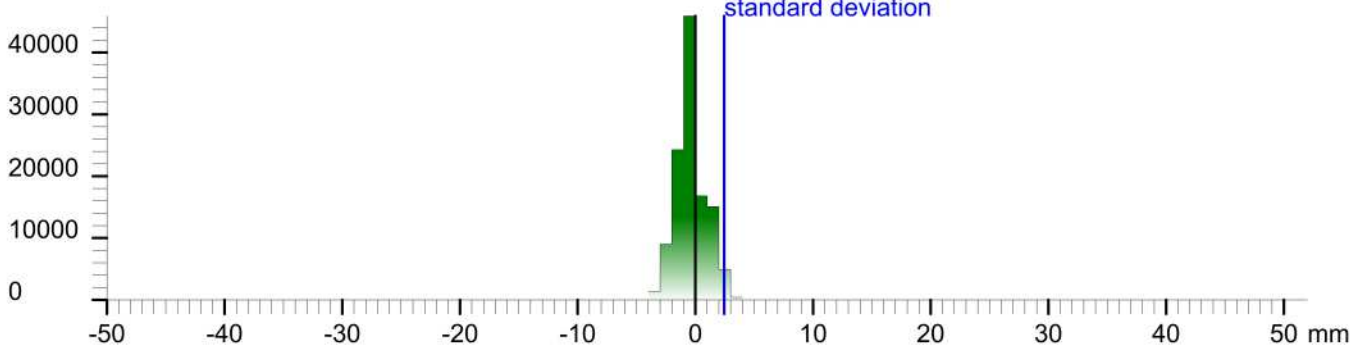
Registration matrix:

```
-0.745547 -0.666455 -0.000196 24.1997 m
0.666455 -0.745547 -0.000478 0.2522 m
0.000172 -0.000487 1.000000 7.7149 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.5 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.63'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

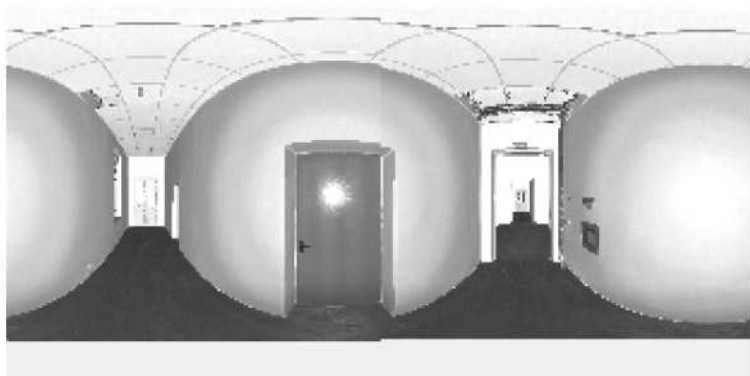
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: 'c:\1_RCSense 9.0.3' -memorize 1 -file "Muz.Ist.Neamt Sc.63" -scanspos '63' -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projedTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -frum "0" -fo "181" -infram1 "20" -hfo1 "140"
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.955370 bar 493.393 m  
nav translation: -2.8880 m 0.1262 m 492.9619 m accuracies: 6.5857 m 6.5857 m 0.0000 m  
nav rotation: 0.0000 0.0000 213.7254 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.832 -0.555 0.000 74.314  
0.555 -0.832 0.000 -42.482  
0.000 0.000 1.000 80.516  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '64'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

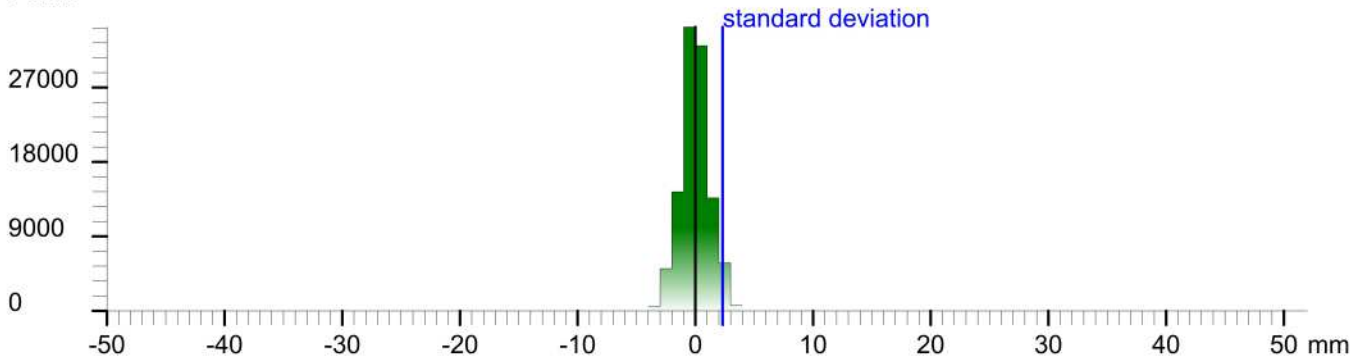
Registration matrix:

```
-0.923094 -0.384577 -0.000293 20.4509 m
0.384577 -0.923094 -0.000202 1.4443 m
-0.000194 -0.000299 1.000000 7.7043 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.3 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.64'

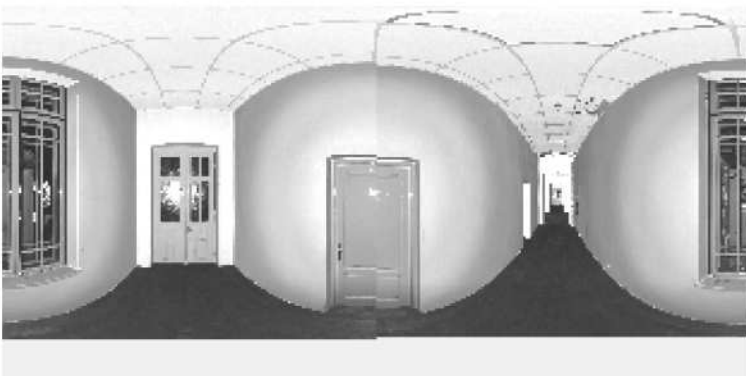
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: c:\1_RCSense 9.0.3\memorize 1 -file "Muz.Ist.Neamt Sc.64" -scanpos "64" -path "Muz.Ist.Neamt" -project "Muz.Ist.Neamt" -projTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "140"
Sensor
sensors: 3096 " barometer translation rotation"
Barometer: 0.955357 bar 493.511 m
nav translation: -2.2167 m -0.6087 m 493.4745 m accuracies: 6.2573 m 6.2573 m 0.0000 m
nav rotation: 0.0000 0.0000 200.3754 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.937 -0.348 0.000 72.097
0.348 -0.937 0.000 -43.090
0.000 0.000 1.000 81.029
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '65'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

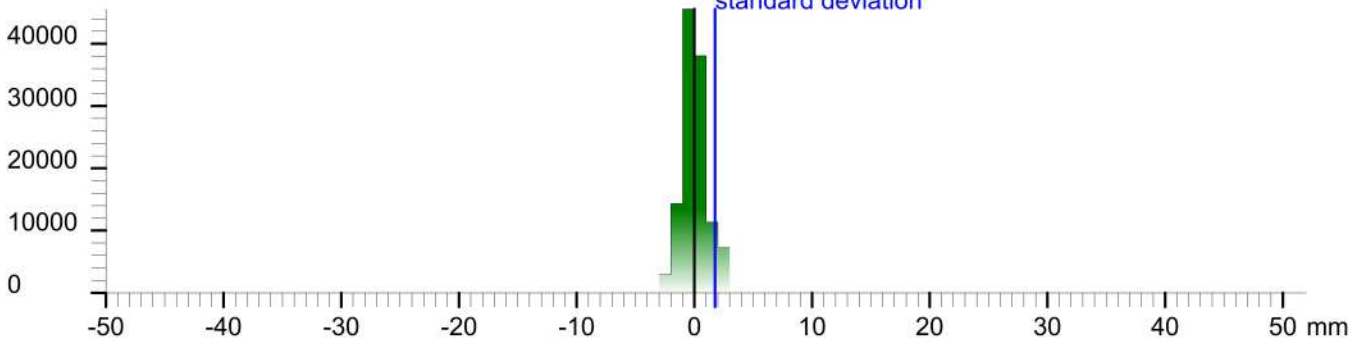
Registration matrix:

0.809408	0.587245	0.001895	33.3267 m
-0.587247	0.809409	0.000587	-2.8983 m
-0.001189	-0.001588	0.999998	7.7343 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.8 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.65'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

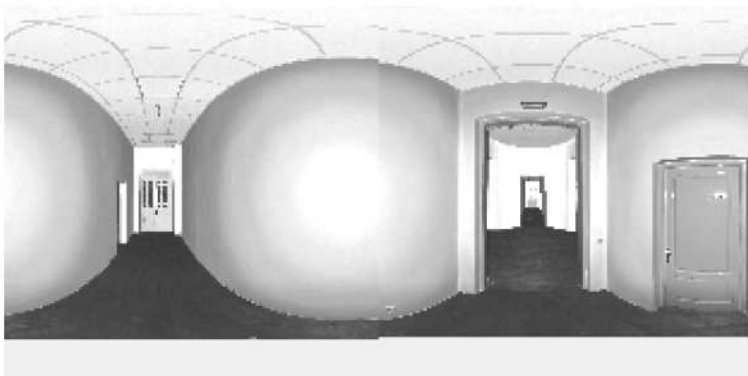
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: 'c:\1\_RCSense 9.0.3' -memorize 1 -file "Muz.Ist.Neamt Sc.65" -scanpos '65' -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projecTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -hfo1 "140"

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.955370 bar 493.39 m  
nav translation: 8.7425 m 4.8081 m 493.2910 m accuracies: 10.1331 m 10.1331 m 0.0001 m  
nav rotation: 0.0000 0.0000 32.6186 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.842 0.539 0.000 80.840  
-0.539 0.842 0.000 -38.282  
0.000 0.000 1.000 80.845  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '66'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

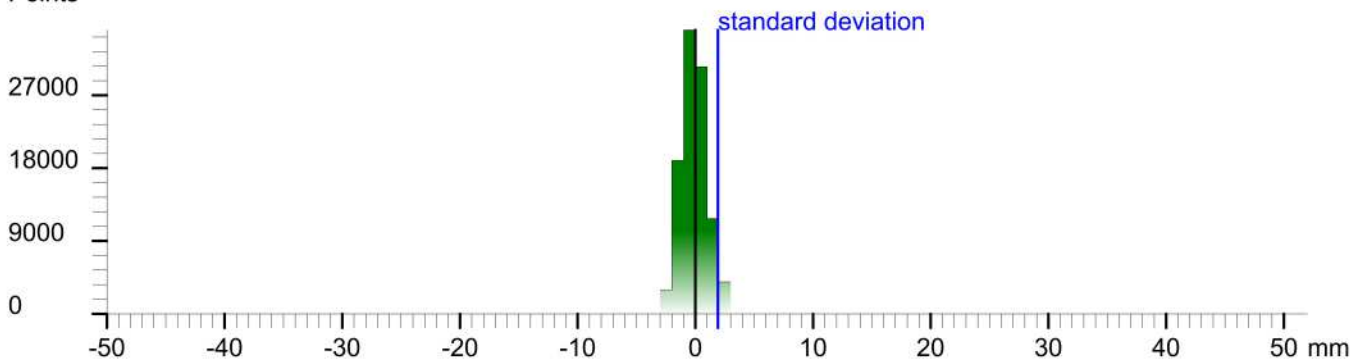
Registration matrix:

0.801504	0.597986	0.002278	36.5314 m
-0.597988	0.801506	0.000439	-3.9568 m
-0.001562	-0.001714	0.999998	7.7209 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.9 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.66'

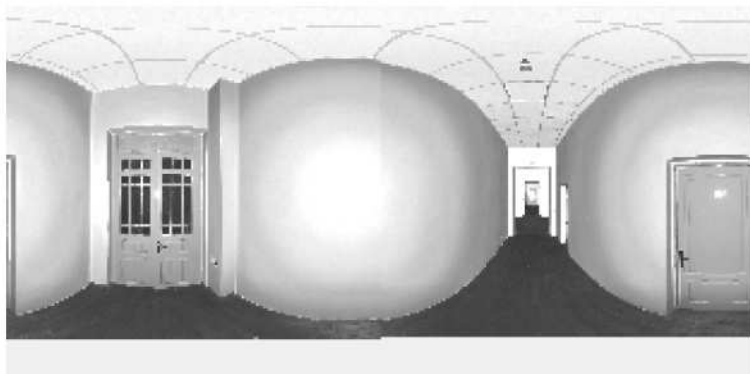
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: 'c:\1_RCSense 9.0.3' -memorize 1 -file "Muz.Ist.Neamt Sc.66" -scanpos '66' -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projecTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "140"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.955322 bar 493.812 m
nav translation: 1.3034 m -0.0024 m 493.5383 m accuracies: 5.7768 m 5.7768 m 0.0000 m
nav rotation: 0.0000 0.0000 23.8582 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.915 0.404 0.000 82.143
-0.404 0.915 0.000 -38.285
0.000 0.000 1.000 81.093
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header





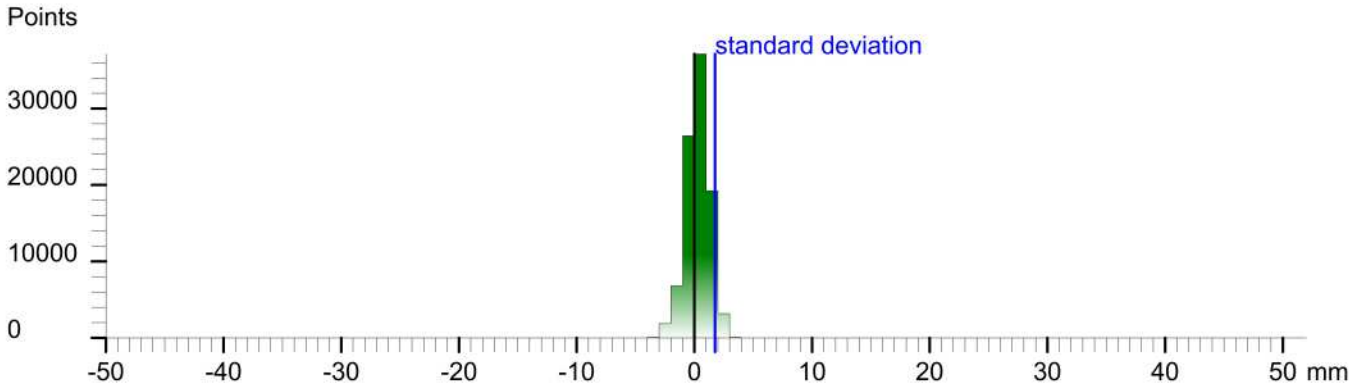
# Scan position '67'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

-0.704199	-0.710004	-0.000216	24.5701 m
0.710003	-0.704200	-0.000618	-10.1808 m
0.000286	-0.000589	1.000000	7.6897 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.8 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.67'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: 'cd /1_RCSense 9.0.3' -memorize 1 -file "Muz.Ist.Neamt Sc.67" -scanspos "0" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "340"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.955177 bar 495.076 m
nav translation: 1.2652 m -8.5639 m 494.3931 m accuracies: 9.5857 m 9.5857 m 0.0001 m
nav rotation: 0.0000 0.0000 213.9886 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.829 -0.559 0.000 83.412
0.559 -0.829 0.000 -46.849
0.000 0.000 1.000 81.947
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '68'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

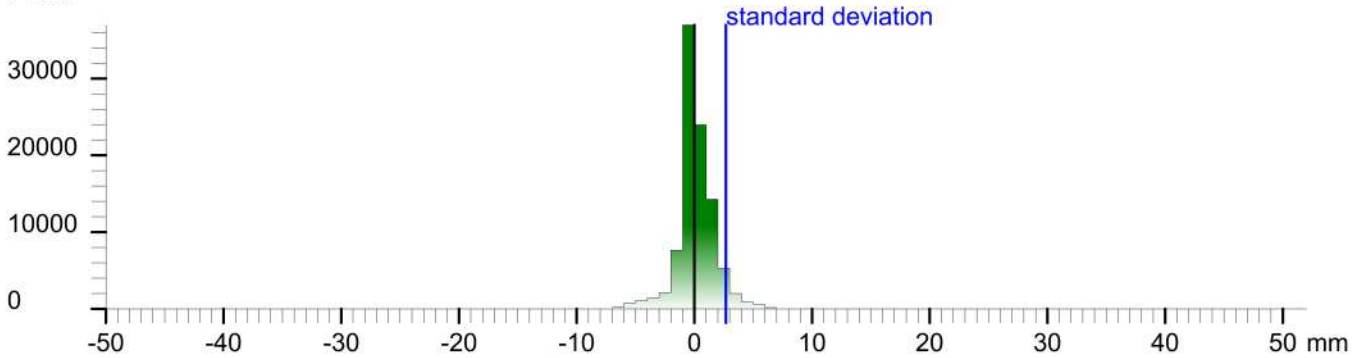
Registration matrix:

```
-0.835584 -0.549363 -0.001037 21.0803 m
0.549363 -0.835585 -0.000396 -9.0391 m
-0.000649 -0.000901 1.000000 7.6806 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.7 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.68'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

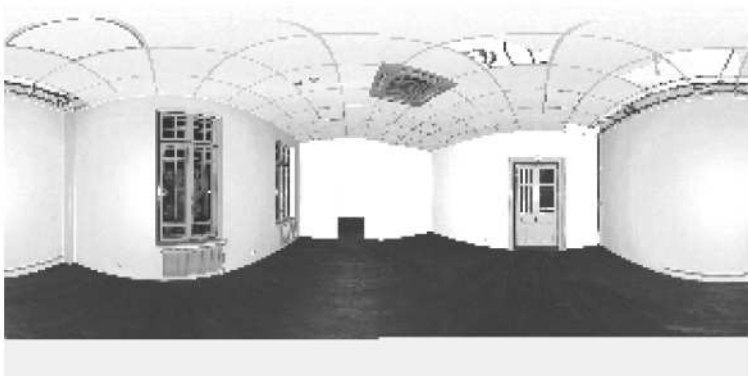
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: 'cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.68" -scanpos "68" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "340"
```

```
Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.955042 bar 496.256 m
nav translation: -3.5279 m -0.0621 m 495.4595 m accuracies: 6.8840 m 6.8840 m 0.0000 m
nav rotation: 0.0000 0.0000 206.3233 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.896 -0.443 0.000 79.884
0.443 -0.896 0.000 -46.911
0.000 0.000 1.000 83.014
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '69'

Scan position is member of group(s):

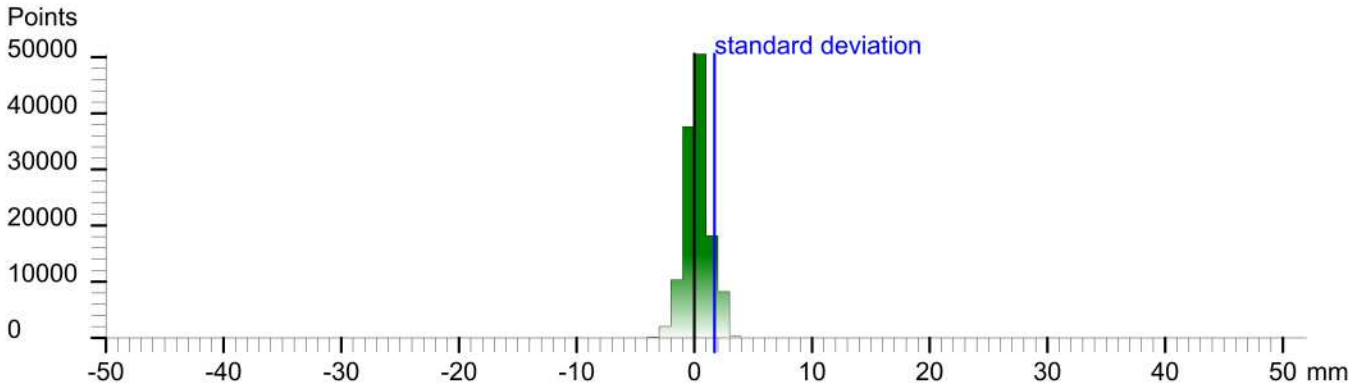
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

```
-0.001348 -1.000000 -0.000326 22.6221 m
1.000000 -0.001349 0.000604 -4.9457 m
-0.000605 -0.000325 1.000000 7.7063 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.7 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.69'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

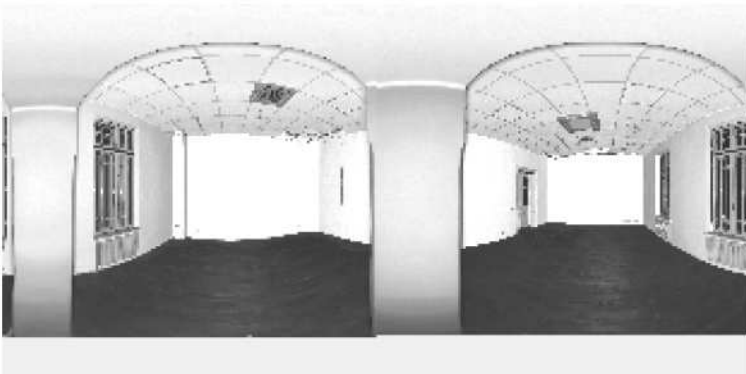
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /1/RCSEner 9.0.3/ -memorize 1 -file "Muz.Ist.Neamt Sc.69" -scanpos '69' -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projctTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -fram1 "20" -fo1 "140"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.954941 bar 497.142 m  
nav translation: -2.4208 m 2.2696 m 497.3099 m accuracies: 6.7890 m 6.7890 m 0.0001 m  
nav rotation: 0.0000 0.0000 266.3157 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.064 -0.998 0.000 77.464  
0.998 -0.064 0.000 -44.641  
0.000 0.000 1.000 84.864  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '7'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

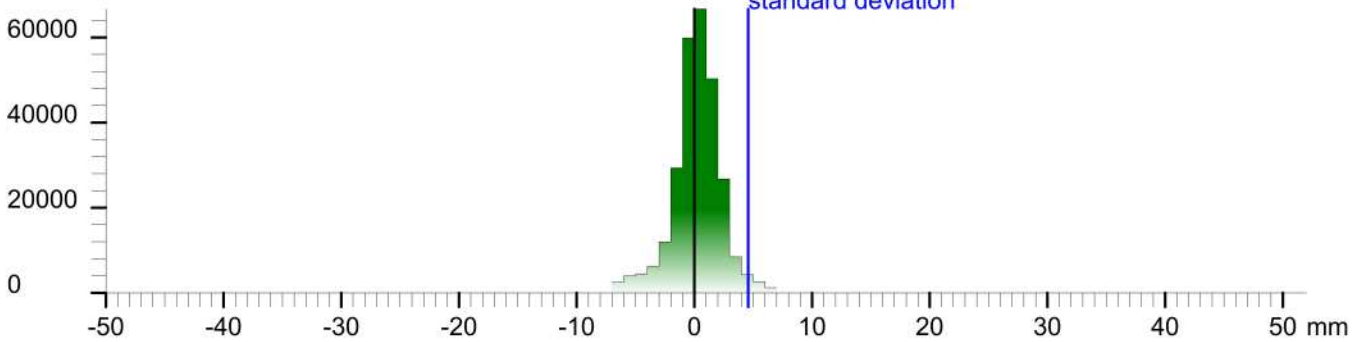
Registration matrix:

```
0.924537 0.381085 0.002328 46.3358 m
-0.381085 0.924540 -0.000362 4.9358 m
-0.002290 -0.000553 0.999997 0.2585 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:4.6 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.7'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

Scan command: -crt "RCSense 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.7" -scenpos "" -path "Muzel de istorie Neamt" -project "Muzel de istorie Neamt" -projectTemplate "" -compensator -nav -temperature 20 -camera "cam" -panoramaparams fast-resolution h -quality default -from 70 -to 181 -infrom 20 -to 130

Sensor  
sensors: 3100 ' barometer translation rotation gps'  
Barometer: 0.964094 bar 417.507 m  
nav translation: 16.1016 m 2.1670 m 416.9123 m accuracies: 14.2585 m 14.2585 m 0.0001 m  
nav rotation: 0.0000 0.0000 15.1241 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:46.928127 long:26.369699 satellites:4 height:349.8m hdop:4.1 vdop:4.0m hacc:15.0m vacc:11.0 flags:G3 'stand alone 3D solution'  
north:5197370.003 m east:452016.883 m zone:35T  
Initial pre position (3:outdoor)  
0.965 0.261 0.000 66.007  
-0.261 0.965 0.000 1.870  
0.000 0.000 1.000 4.467  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '70'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

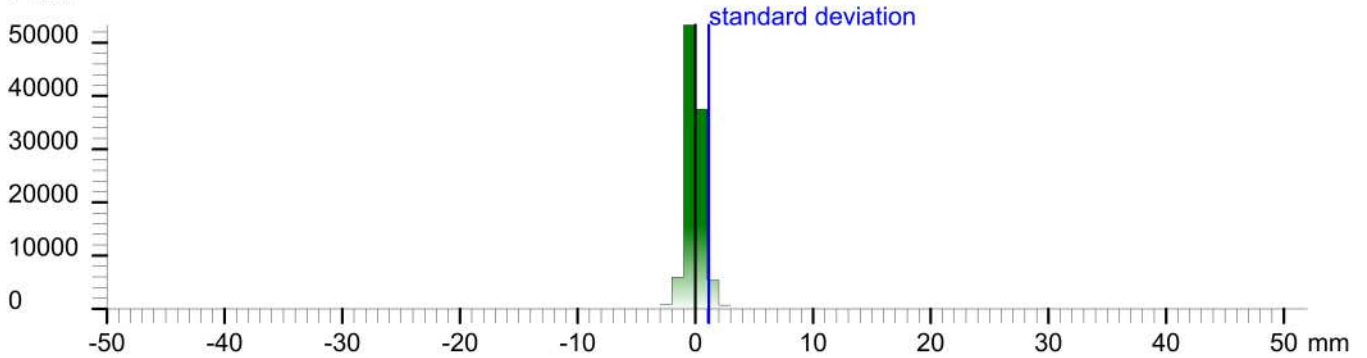
Registration matrix:

```
-0.036502 -0.999334 -0.000246 23.8557 m
0.999334 -0.036503 0.001048 -2.9908 m
-0.001056 -0.000208 1.000000 7.7013 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.1 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.70'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

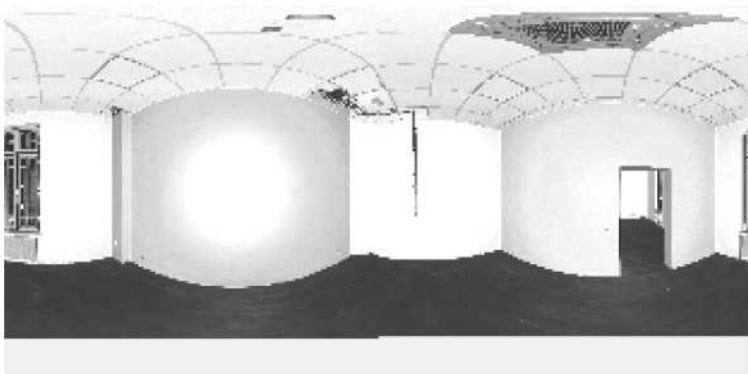
**Metadata**    **Value**  
**comment**  
**operator**

Scan command: `ctrl 3,RCServer 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.70" -scanpos "70" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparam test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "340"`

Sensor

```
sensors: 3096 ' barometer translation rotation'
Barometer: 0.954916 bar 497.357 m
nav translation: -0.8113 m 1.7894 m 497.6692 m accuracies: 6.0873 m 6.0873 m 0.0000 m
nav rotation: 0.0000 0.0000 262.0476 accuracies: 0.0000 0.0000 15.0000
upside-down: no
initial pre position (4:1m)
1.000 0.000 0.000 0.000
0.000 1.000 0.000 0.000
0.000 0.000 1.000 0.000
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '71'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

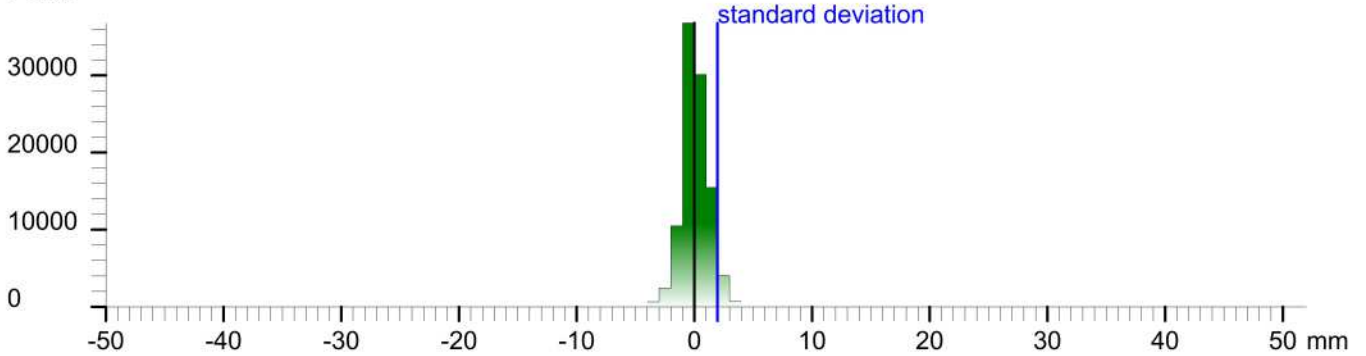
Registration matrix:

0.702353	0.711827	0.001869	27.6450 m
-0.711829	0.702354	0.000452	-11.5139 m
-0.000990	-0.001647	0.999999	7.6975 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.0 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.71'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.71" -scanspos "71" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projctemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.954795 bar 498.416 m  
nav translation: 0.0000 m 0.0000 m 497.7661 m accuracies: 5.1000 m 5.1000 m 0.0001 m  
nav rotation: 0.0000 0.0000 29.9062 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.867 0.499 0.000 76.652  
-0.499 0.867 0.000 -42.852  
0.000 0.000 1.000 85.320  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '72'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

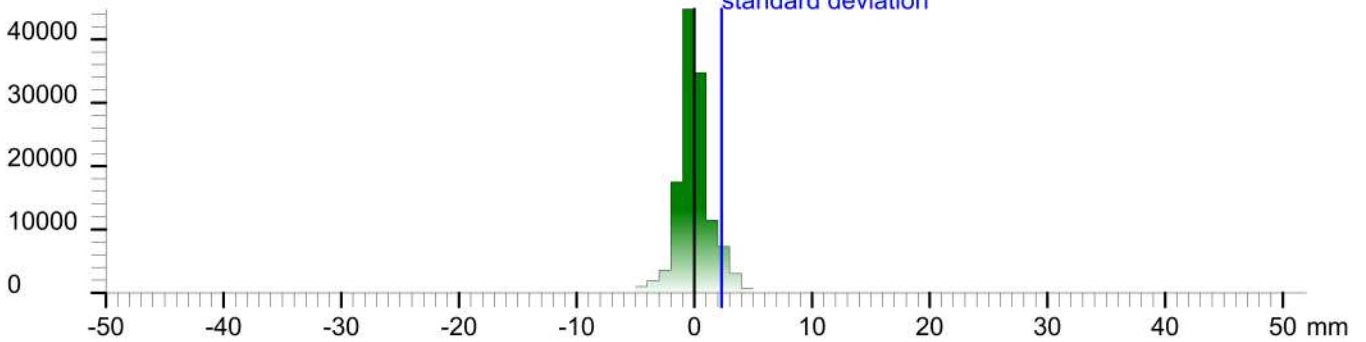
Registration matrix:

```
0.998019 -0.062874 0.002528 32.1056 m
0.062875 0.998023 -0.000001 -12.7393 m
-0.002522 0.000160 0.999997 7.6890 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.3 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.72'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

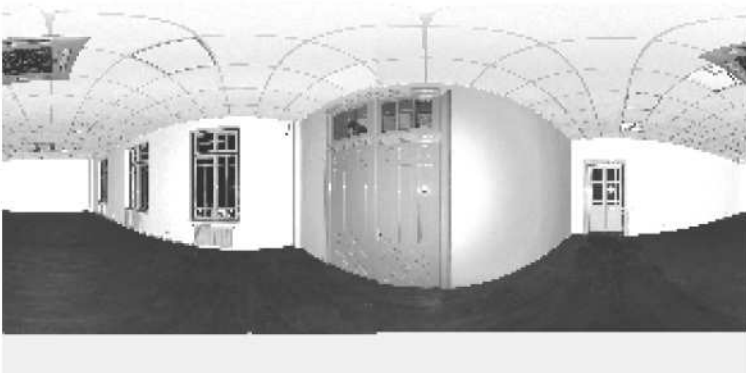
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.72" -scanspos "72" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projedTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.954880 bar 497.672 m  
nav translation: 2.2645 m 2.2602 m 498.0907 m accuracies: 6.7136 m 6.7136 m 0.0000 m  
nav rotation: 0.0000 0.0000 0.0000 347.5546 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.977 -0.216 0.000 78.917  
0.216 0.977 0.000 -40.592  
0.000 0.000 1.000 85.645  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



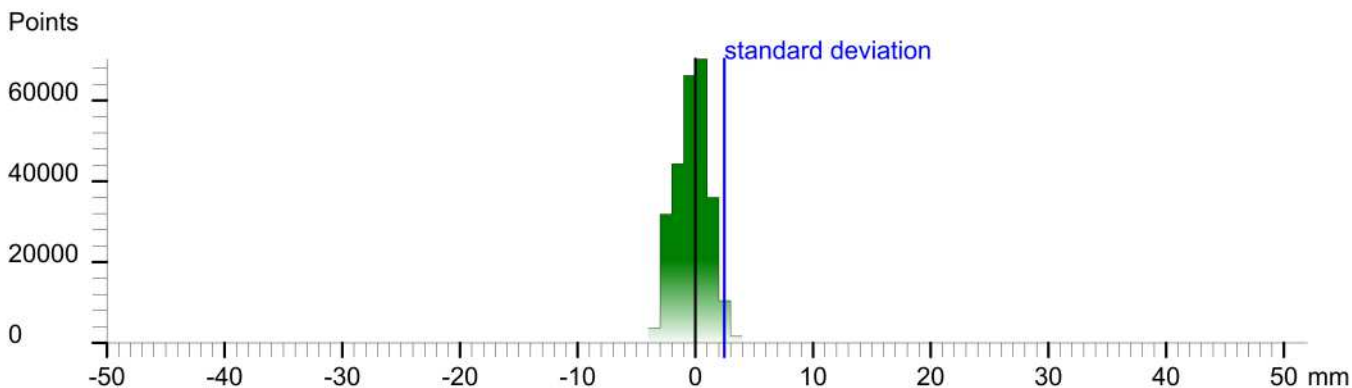
# Scan position '73'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
0.852740 -0.522332 0.002334 33.4733 m  
0.522331 0.852743 0.001283 -6.5247 m  
-0.002660 0.000124 0.999997 7.6992 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 2.5 mm

## Deviation histogram



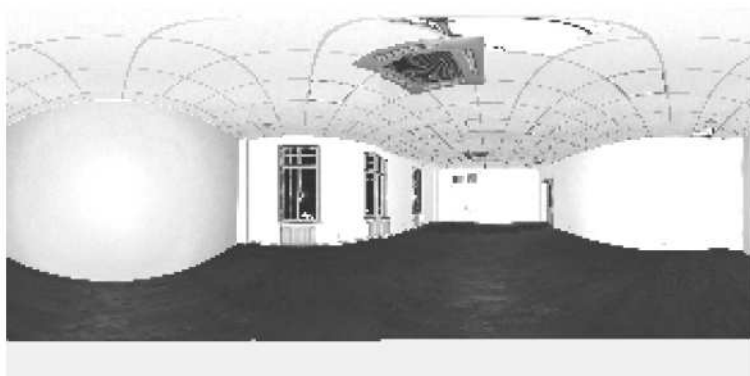
## Scan 'Muz.Ist.Neamt Sc.73'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: 'c:\1_RCSense 9.0.3' -memorize 1 -file "Muz.Ist.Neamt Sc.73" -scanspos "73" -path "Muz.Ist.Neamt" -project "Muz.Ist.Neamt" -projTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "340"  
Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.954792 bar 498.443 m  
nav translation: -0.7425 m 4.8424 m 498.1274 m accuracies: 7.5806 m 7.5806 m 0.0000 m  
nav rotation: 0.0000 0.0000 314.8522 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.705 -0.709 0.000 78.174  
0.709 0.705 0.000 -35.749  
0.000 0.000 1.000 85.682  
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header





# Scan position '74'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

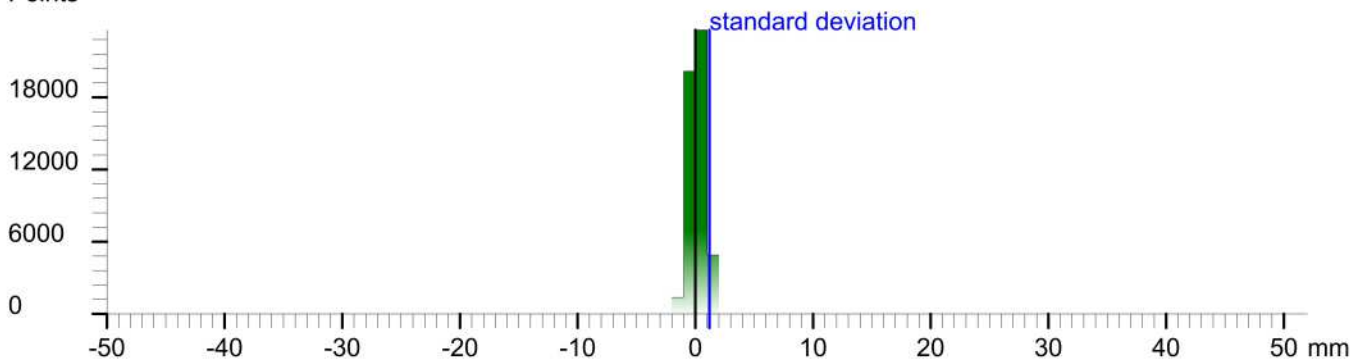
Registration matrix:

0.662563	-0.749007	0.000621	24.6719 m
0.749006	0.662563	0.001861	1.3870 m
-0.001805	-0.000769	0.999999	7.6923 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.2 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.74'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: 'c:\1_RCSense 9.0.3' -memorize 1 -file "Muz.Ist.Neamt Sc.74" -scanpos "74" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projedTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "340"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.959581 bar 456.689 m
nav translation: 0.0000 m 0.0000 m 457.2370 m accuracies: 5.1000 m 5.1000 m 0.0012 m
nav rotation: 0.0000 0.0000 287.1943 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.296 -0.955 0.000 78.174
0.955 0.296 0.000 -35.749
0.000 0.000 1.000 44.791
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '75'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

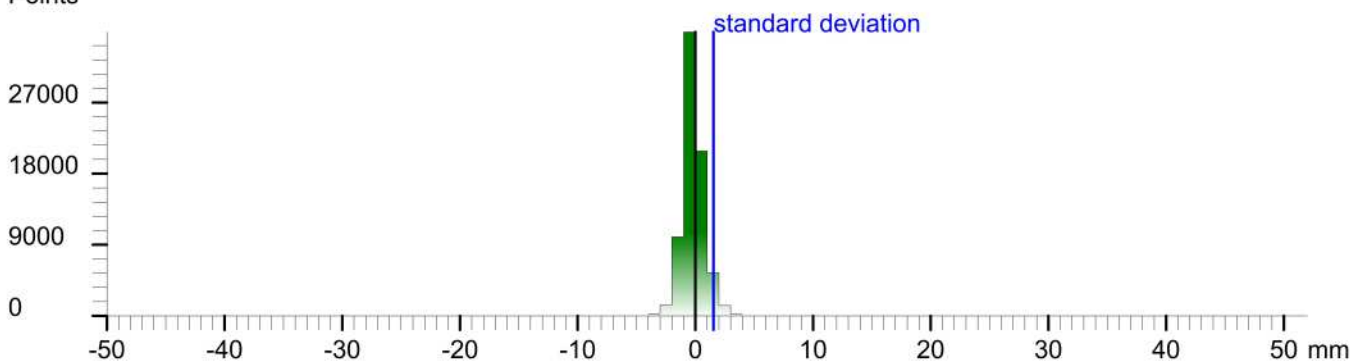
Registration matrix:

0.278350	-0.960481	0.000046	24.4198 m
0.960479	0.278349	0.001793	4.8487 m
-0.001735	-0.000456	0.999999	7.6812 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.5 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.75'

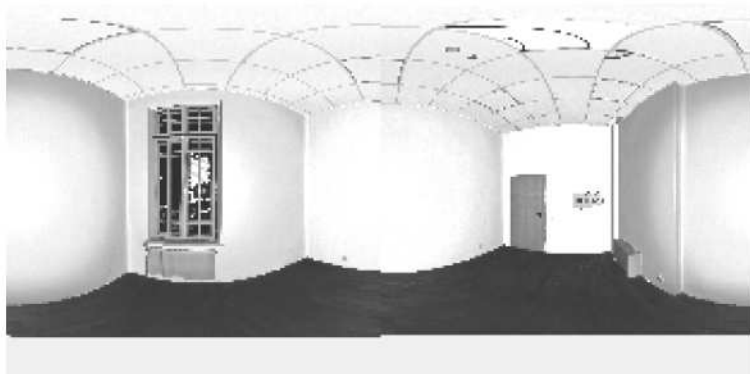
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: 'c:\1_RCSense 9.0.3' -memorize 1 -file "Muz.Ist.Neamt Sc.75" -scanset "75" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "340"
Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.959811 bar 454.691 m
nav translation: -1.4159 m 1.2423 m 455.6181 m accuracies: 6.0502 m 6.0502 m 0.0000 m
nav rotation: 0.0000 0.0000 283.5062 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.234 -0.972 0.000 76.758
0.972 0.234 0.000 -34.507
0.000 0.000 1.000 43.172
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



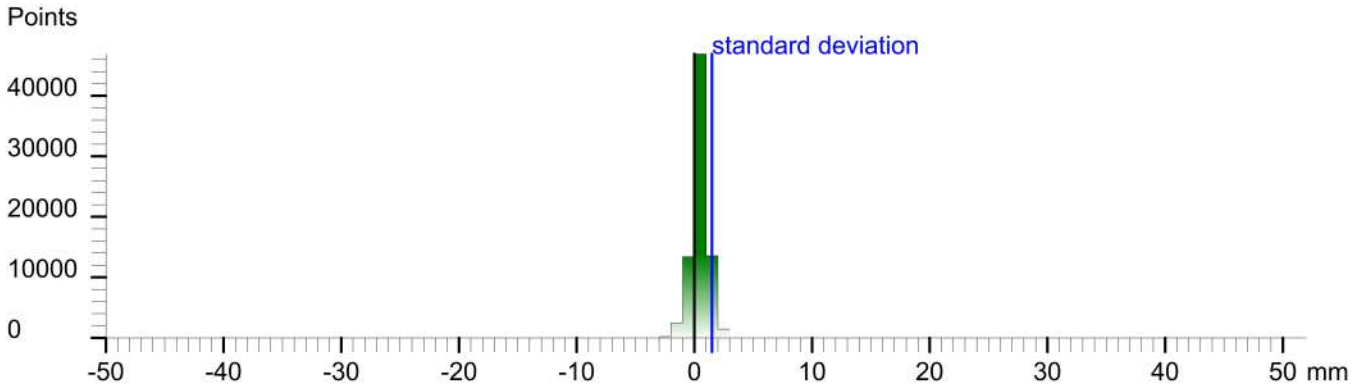
# Scan position '76'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

-0.652020	-0.758203	-0.000638	18.0247 m
0.758203	-0.652021	0.000151	2.3480 m
-0.000531	-0.000386	1.000000	7.6870 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.5 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.76'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: 'c:\1_RCSense 9.0.3' -memorize 1 -file "Muz.Ist.Neamt Sc.76" -scanses "76" -path "Muzel de istorie Neamt" -project "Muzel de istorie Neamt" -projctemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "340"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.959978 bar 453.238 m
nav translation: -3.7370 m -3.9823 m 453.7558 m accuracies: 7.8969 m 7.8969 m 0.0000 m
nav rotation: 0.0000 0.0000 233.5551 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.594 -0.804 0.000 73.021
0.804 -0.594 0.000 -38.489
0.000 0.000 1.000 41.310
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '77'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

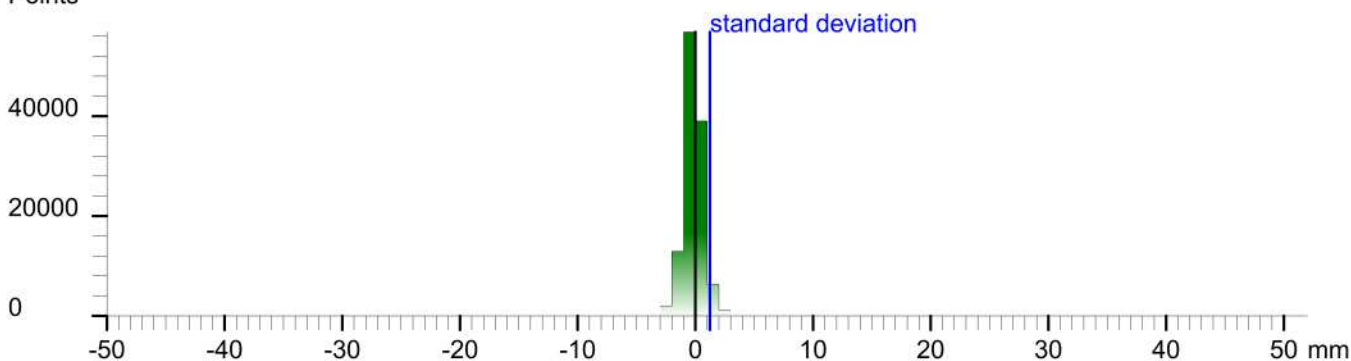
Registration matrix:

```
-0.758653 -0.651495 -0.001112 15.5152 m  
0.651495 -0.758654 0.000312 3.7413 m  
-0.001048 -0.000488 1.000000 7.6709 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.2 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.77'

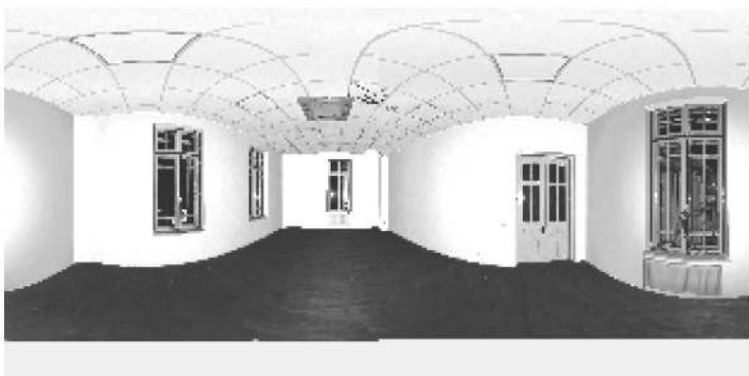
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: 'cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.77" -scanset "77" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "140"  
Sensor  
sensors: 3096 " barometer translation rotation"  
Barometer: 0.960090 bar 452.269 m  
nav translation: -4.0669 m -0.6355 m 452.7451 m accuracies: 7.1708 m 7.1708 m 0.0001 m  
nav rotation: 0.0000 0.0000 228.6356 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.661 -0.751 0.000 68.954  
0.751 -0.661 0.000 -39.125  
0.000 0.000 1.000 40.299  
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '78'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

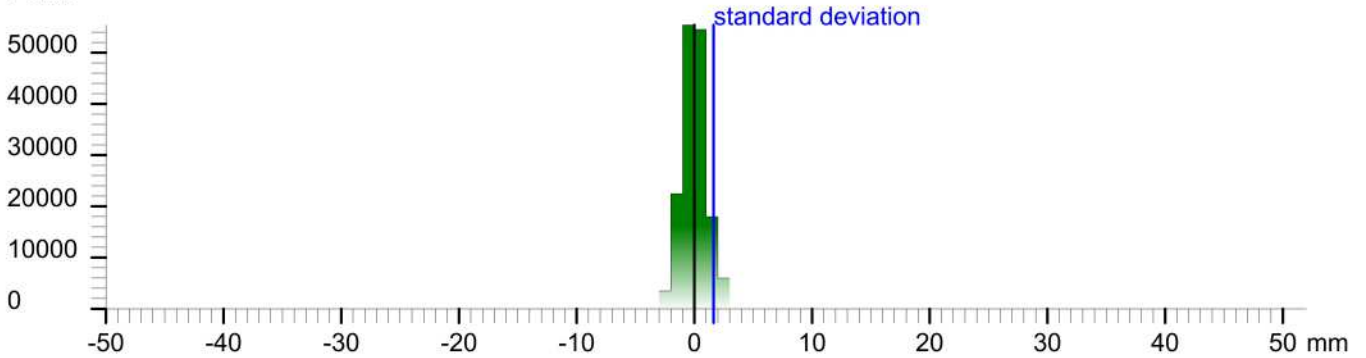
Registration matrix:

```
0.172105 -0.985079 -0.000654 16.8264 m
0.985079 0.172103 0.001575 7.0178 m
-0.001439 -0.000916 0.999999 7.6857 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.6 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.78'

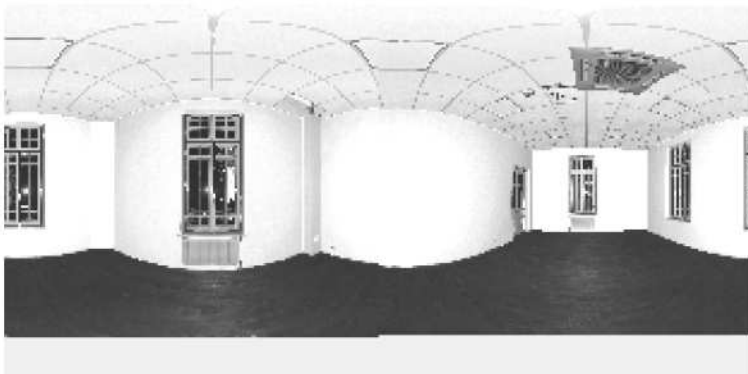
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "ZFCam 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.78" -scanpos "78" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projTemplate "" -nav -temperature "20" -camera "zcam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "340"
Sensor
sensors: 3096 "barometer translation rotation"
Barometer: 0.960136 bar 451.863 m
nav translation: -2.2028 m 2.0986 m 451.2692 m accuracies: 6.6347 m 6.6347 m 0.0000 m
nav rotation: 0.0000 0.0000 280.7224 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.186 -0.983 0.000 66.752
0.983 0.186 0.000 -37.026
0.000 0.000 1.000 38.823
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '79'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

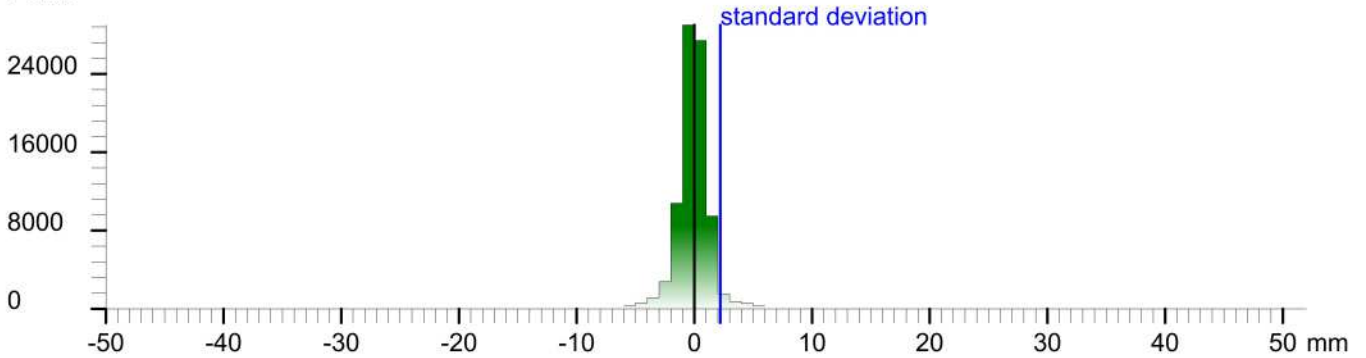
Registration matrix:

```
-0.178412  0.983954  0.002179  30.6370 m
-0.983957 -0.178412 -0.000107  1.5334 m
0.000283  -0.002163  0.999998  7.6638 m
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation: 2.2 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.79'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: 'cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.79" -scanspos "79" -path "Muz.Ist.Neamt" -project "Muz.Ist.Neamt" -projTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "340"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.960449 bar 449.141 m
nav translation: 15.9489 m 4.3891 m 450.3488 m accuracies: 13.3893 m 13.3893 m 0.0000 m
nav rotation: 0.0000 0.0000 97.1759 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.125 0.992 0.000 82.701
-0.992 -0.125 0.000 -32.637
0.000 0.000 1.000 37.903
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



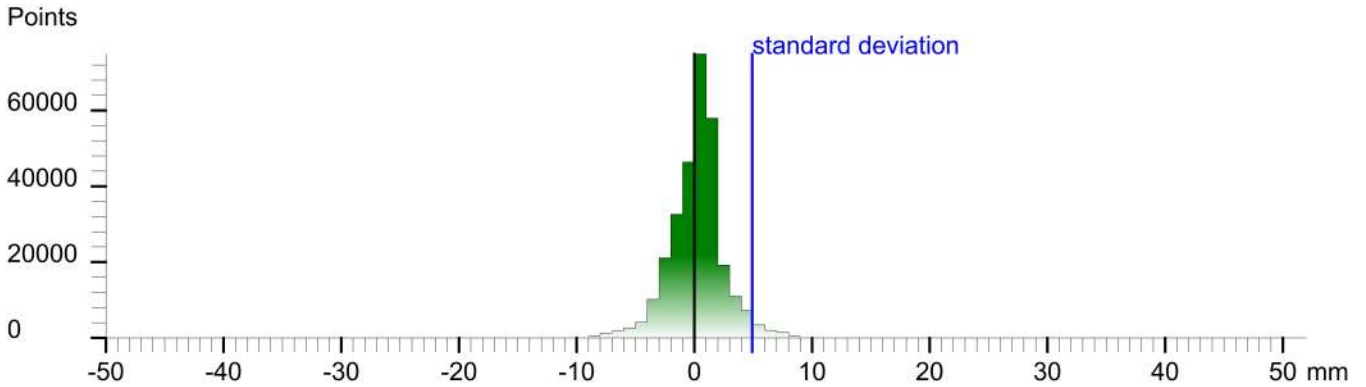
# Scan position '8'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.682754 0.730647 0.001490 50.2858 m  
-0.730648 -0.682754 -0.000878 1.3349 m  
0.000376 -0.001688 0.999999 0.4502 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:4.9 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.8'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.8" -scenpos "0" -path "Muzel de istorie Neamt" -project "Muzel de istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "cam" -panoramaparams fast -resolution h -quality default -from "0" -to "181" -infrom1 "20" -to1 "180"  
Sensor  
sensors: 3100 ' barometer translation rotation gps'  
Barometer: 0.963973 bar 418.554 m  
nav translation: 4.5359 m -1.8857 m 417.9022 m accuracies: 7.5447 m 7.5447 m 0.0001 m  
nav rotation: 0.0000 0.0000 125.1469 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:46.928101 long:26.369732 satellites:4 height:349.7m hdop:2.8 vdop:3.6m haacc:8.2m vacc:8.3 flags:G3 'stand alone 3D solution'  
north:5197367.016 m east:452019.327 m zone:35T  
Initial pre position (3:outdoor)  
-0.576 0.818 0.000 70.543  
-0.818 -0.576 0.000 0.184  
0.000 0.000 1.000 5.457  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '80'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

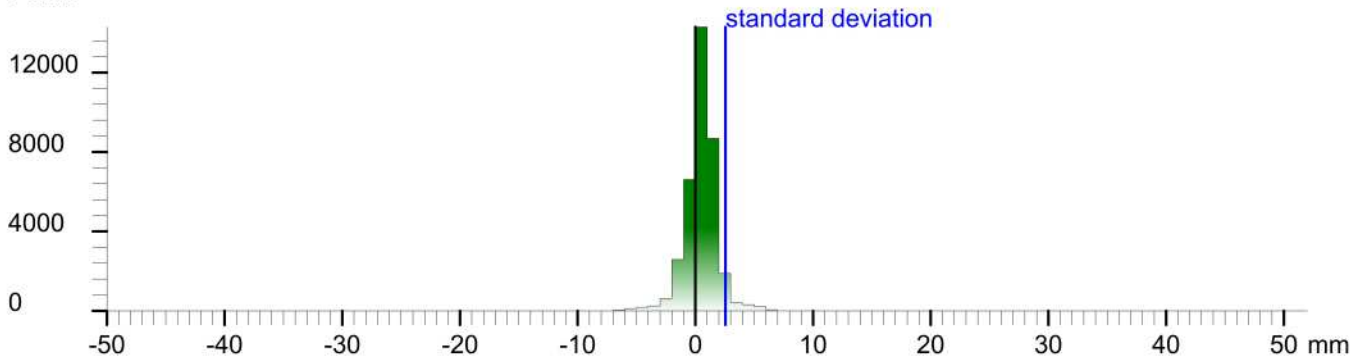
Registration matrix:

0.717607	-0.696448	0.001555	31.1607 m
0.696445	0.717608	0.002242	2.4019 m
-0.002677	-0.000527	0.999997	7.6549 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.6 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.80'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: 'cd /usr/local/bin; ./rcsenser 9.0.3' -memorize 1 -file "Muz.Ist.Neamt Sc.80" -scanpos '0' -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "140"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.960636 bar 447.519 m
nav translation: 0.2034 m 0.6133 m 447.8722 m accuracies: 5.4298 m 5.4298 m 0.0001 m
nav rotation: 0.0000 0.0000 335.0306 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.907 -0.422 0.000 82.904
0.422 0.907 0.000 -32.024
0.000 0.000 1.000 35.426
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header





# Scan position '81'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

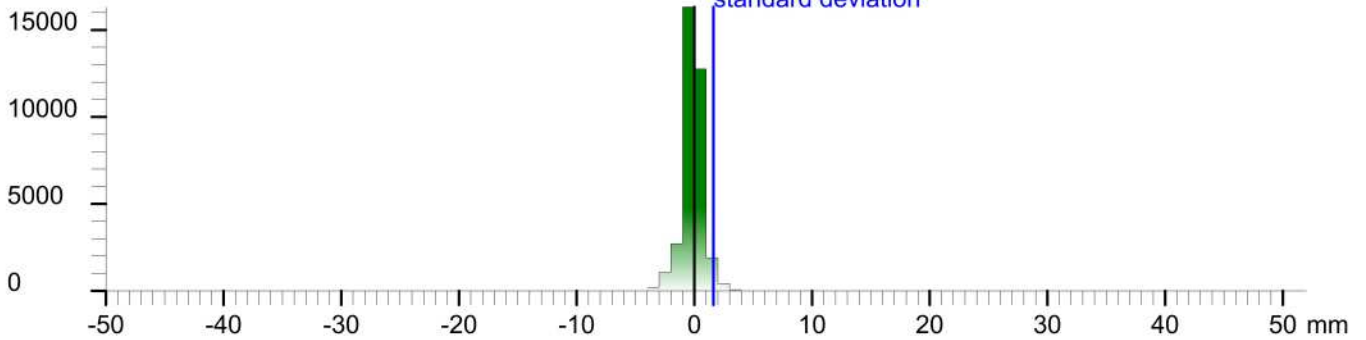
Registration matrix:

0.571001	-0.820950	0.001319	31.4220 m
0.820948	0.571002	0.002034	3.7553 m
-0.002422	-0.000079	0.999998	7.6636 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.6 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.81'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: 'cd /home/RCSEner 9.0.3/ -memorize 1 -file "Muz.Ist.Neamt Sc.81" -scanspos "81" -path "Muzel de istorie Neamt" -project "Muzel de istorie Neamt" -projedTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "140"'

Sensor

sensors: 3096 ' barometer translation rotation'  
Barometer: 0.960850 bar 445.659 m  
nav translation: 0.2362 m 1.2423 m 446.3264 m accuracies: 5.7351 m 5.7351 m 0.0000 m  
nav rotation: 0.0000 0.0000 291.5862 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.368 -0.930 0.000 83.140  
0.930 0.368 0.000 -30.781  
0.000 0.000 1.000 33.881  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



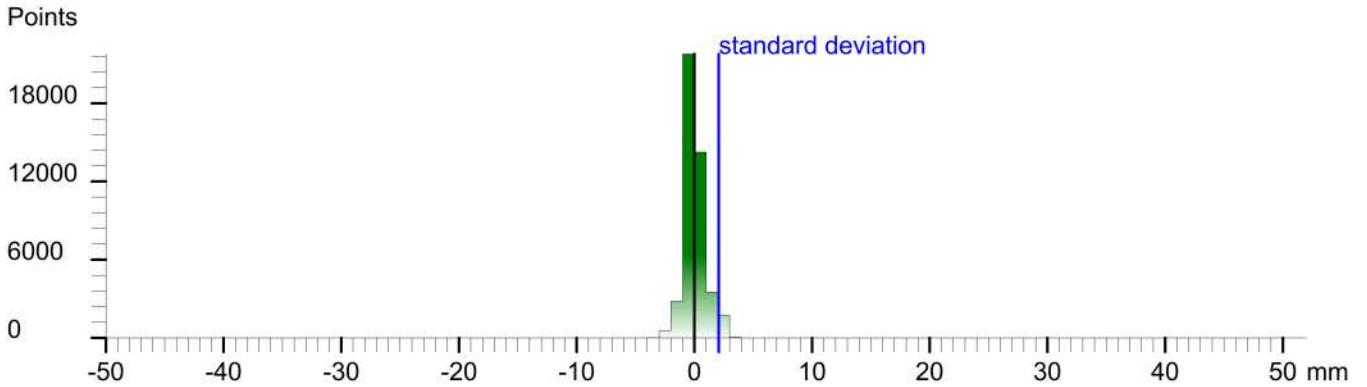
# Scan position '82'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.652710	-0.757608	0.001391	36.8730 m
0.757608	0.652711	0.000796	-2.8090 m
-0.001510	0.000534	0.999999	7.6859 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.1 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.82'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.82" -scanspos "02" -path "Muz.Ist.Neamt" -project "Muz.Ist.Neamt" -projTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "340"
Sensor
sensors: 3096 " barometer translation rotation"
Barometer: 0.960981 bar 444.519 m
nav translation: 3.9451 m 6.1433 m 444.8077 m accuracies: 8.7645 m 8.7645 m 0.0000 m
nav rotation: 0.0000 0.0000 289.6875 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.337 -0.942 0.000 87.085
0.942 0.337 0.000 -24.638
0.000 0.000 1.000 32.362
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '83'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

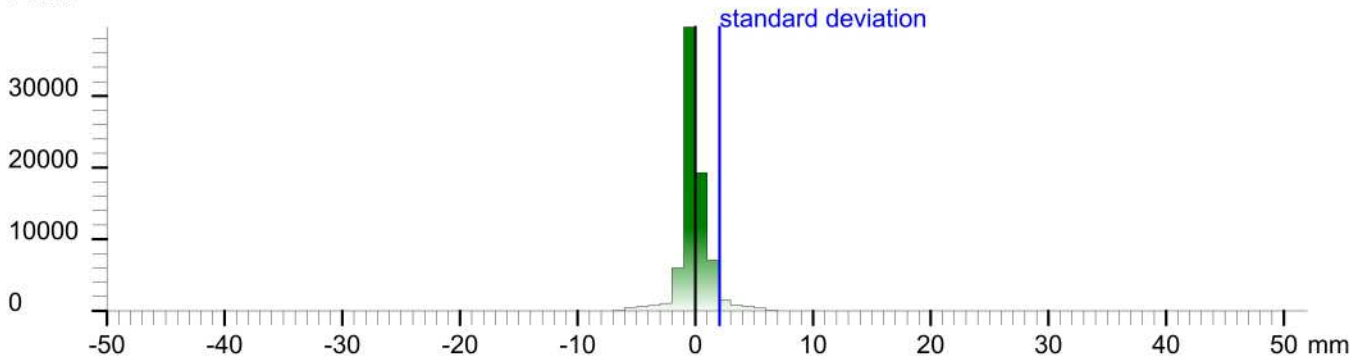
Registration matrix:

0.370920	-0.928665	0.001329	37.8531 m
0.928665	0.370921	0.001374	0.2369 m
-0.001770	0.000724	0.999999	7.6707 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.1 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.83'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

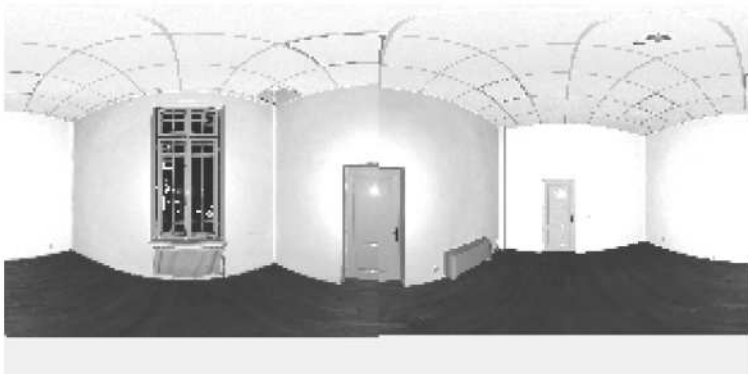
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: 'cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.83" -scanspos "03" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projedTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "340"'

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.961019 bar 444.19 m  
nav translation: -0.8306 m 1.8269 m 444.2675 m accuracies: 6.1227 m 6.1227 m 0.0000 m  
nav rotation: 0.0000 0.0000 286.7008 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.287 -0.958 0.000 86.255  
0.958 0.287 0.000 -22.811  
0.000 0.000 1.000 31.822  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '84'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

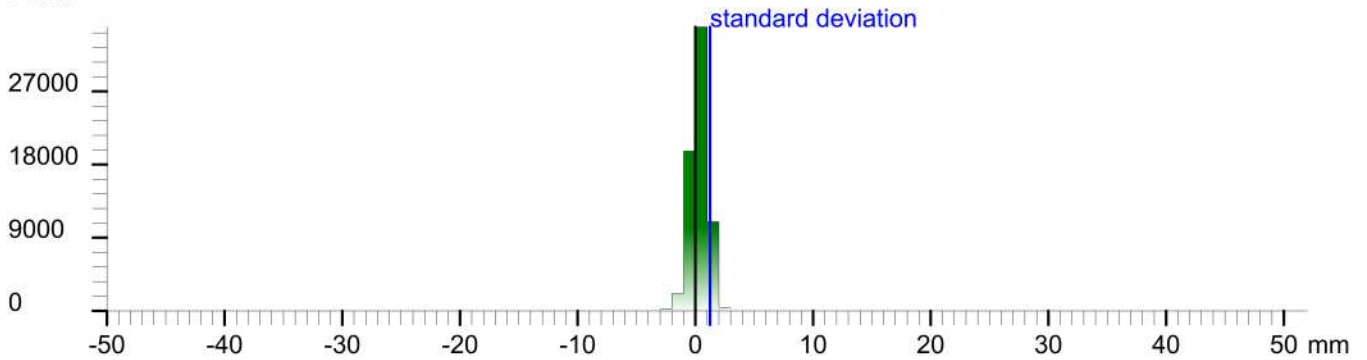
Registration matrix:

0.718183	0.695848	0.003352	39.6928 m
-0.695853	0.718185	0.000867	-0.4266 m
-0.001803	-0.002955	0.999994	7.6698 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.2 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.84'

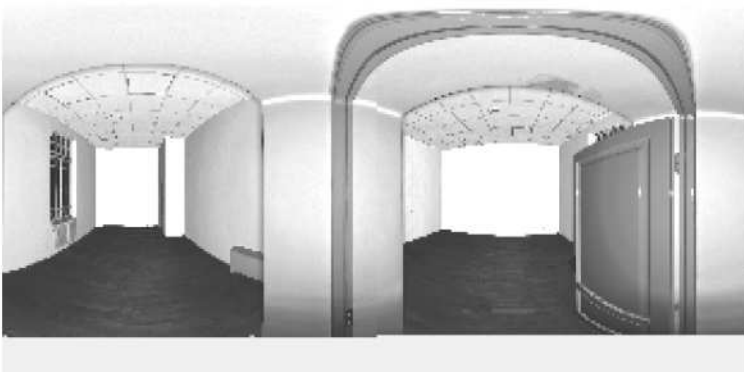
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "ZFCScanner 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.84" -scanspos "84" -path "Muz.Ist.Neamt" -project "Muz.Ist.Neamt" -projTemplate "" -nav -temperature "20" -camera "zcam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "340"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.961264 bar 442.057 m
nav translation: 1.3025 m -0.2879 m 442.6130 m accuracies: 5.7807 m 5.7807 m 0.0001 m
nav rotation: 0.0000 0.0000 39.1336 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.776 0.631 0.000 87.557
-0.631 0.776 0.000 -23.099
0.000 0.000 1.000 30.167
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '85'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

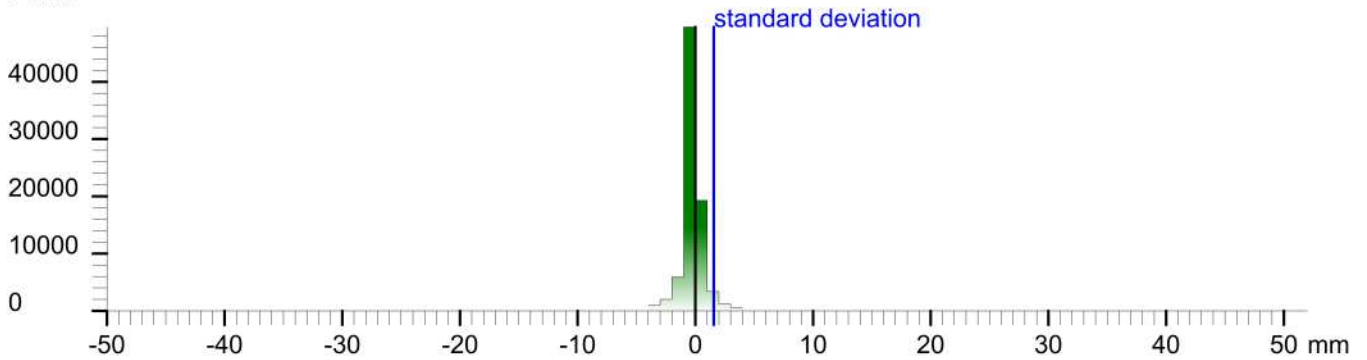
Registration matrix:

0.840321	0.542078	0.003908	42.4337 m
-0.542085	0.840325	0.001068	-0.9294 m
-0.002704	-0.003016	0.999992	7.6454 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.6 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.85'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

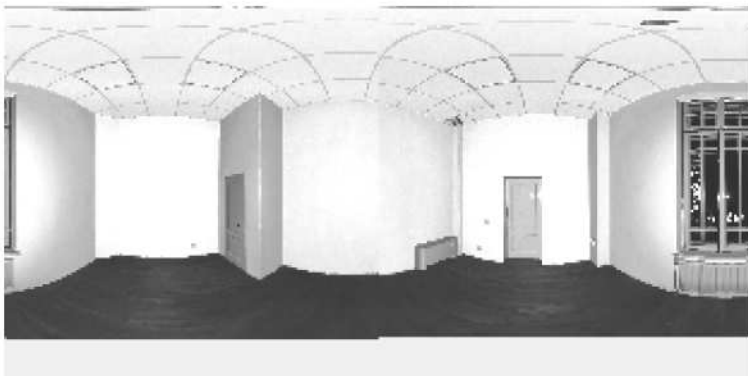
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.85" -scanset "85" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projctemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.961357 bar 441.253 m  
nav translation: 1.6471 m 0.2062 m 441.8514 m accuracies: 5.9403 m 5.9403 m 0.0000 m  
nav rotation: 0.0000 0.0000 19.7542 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.941 0.338 0.000 89.204  
-0.338 0.941 0.000 -22.893  
0.000 0.000 1.000 29.406  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '86'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

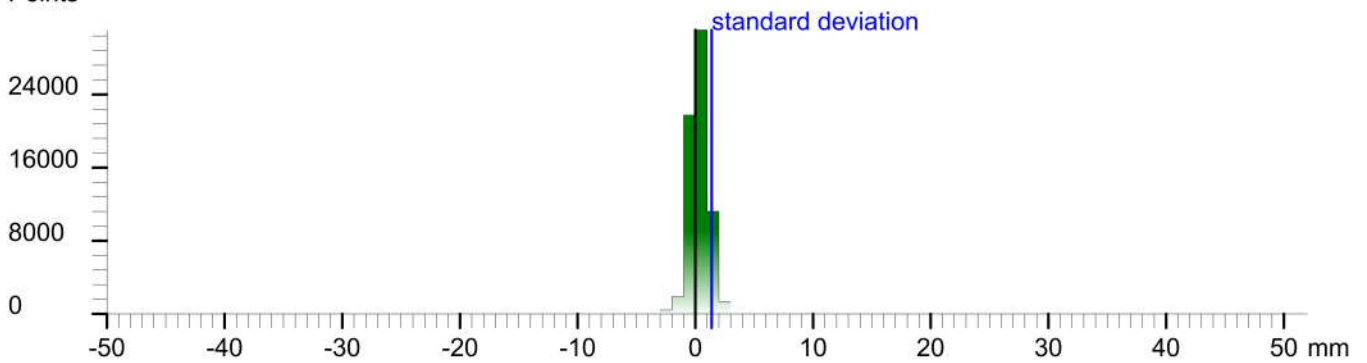
Registration matrix:

0.386168	0.922425	0.003091	43.8560 m
-0.922428	0.386172	-0.000445	-2.8904 m
-0.001603	-0.002679	0.999995	7.6562 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.4 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.86'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.86" -scanspos "0" -path "Muz.Ist.Neamt" -project "Muz.Ist.Neamt" -projTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "140"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.961613 bar 439.03 m  
nav translation: 1.8469 m -0.5143 m 439.4007 m accuracies: 6.0875 m 6.0875 m 0.0000 m  
nav rotation: 0.0000 0.0000 38.9761 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.777 0.629 0.000 91.051  
-0.629 0.777 0.000 -23.407  
0.000 0.000 1.000 26.955  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '87'

Scan position is member of group(s):

Status registration '[10123h] preregistered with cloud to cloud, manually'

Registration matrix:

-0.871865	0.489748	0.001067	43.4498 m
-0.489747	-0.871864	0.001933	-4.2674 m
0.001877	0.001163	0.999998	7.6565 m
0.000000	0.000000	0.000000	1.0000

## Scan 'Muz.Ist.Neamt Sc.87'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

Scan command: 'cd /1\_PCServer 9.0.3' & memorize 1 -file "Muz.Ist.Neamt Sc.87" -scanpos '87' -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projectTemplate "" -nav -temperature "20" -camera "i-can" -panoramaparams best -resolution h -quality default -ifrom "0" -to "181" -ifrom1 "20" -to1 "340"

### Sensor

sensors: 3096 ' barometer translation rotation'  
Barometer: 0.961844 bar 437.027 m  
nav translation: 0.5993 m -2.4015 m 437.0977 m accuracies: 6.3543 m 6.3543 m 0.0001 m  
nav rotation: 0.0000 0.0000 109.2670 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.330 0.944 0.000 91.651  
-0.944 -0.330 0.000 -25.809  
0.000 0.000 1.000 24.652  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



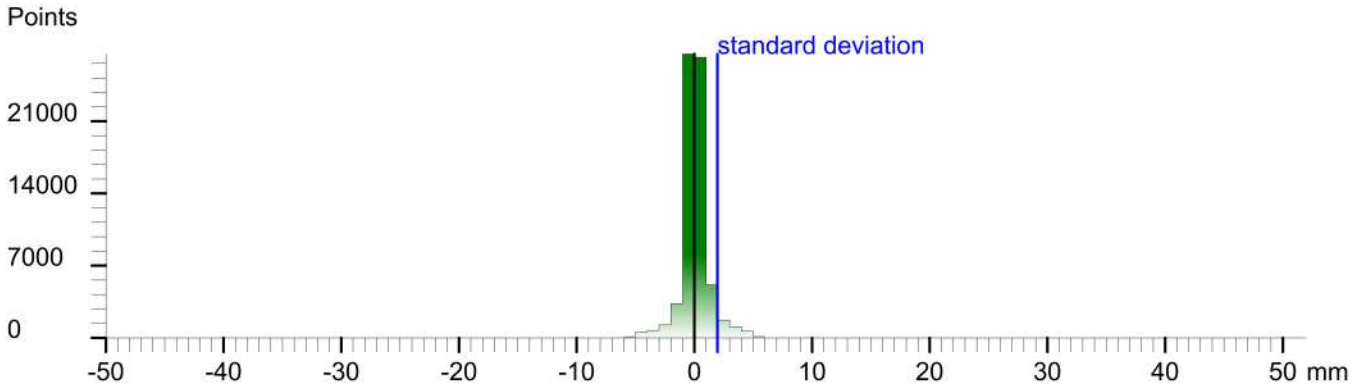
# Scan position '88'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.986460  0.164012  0.000190  40.9265 m  
-0.164012 -0.986457  0.002302  -5.3376 m  
0.000564  0.002240  0.999998  7.6697 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:2.0 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.88'

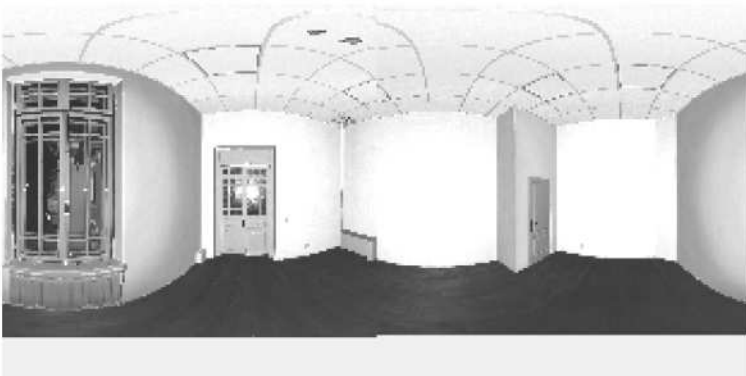
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: 'cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.88" -scanpos "88" -path "Muz.Ist.Neamt" -project "Muz.Ist.Neamt" -projTemplate "" -nav -temperature "20" -camera "zcam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -hfo1 "140"'
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.961790 bar 437.493 m  
nav translation: -0.1043 m -0.8985 m 437.3067 m accuracies: 5.5676 m 5.5676 m 0.0001 m  
nav rotation: 0.0000 0.0000 158.6030 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.931 0.365 0.000 91.546  
-0.365 -0.931 0.000 -26.707  
0.000 0.000 1.000 24.861  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header





# Scan position '89'

Scan position is member of group(s):

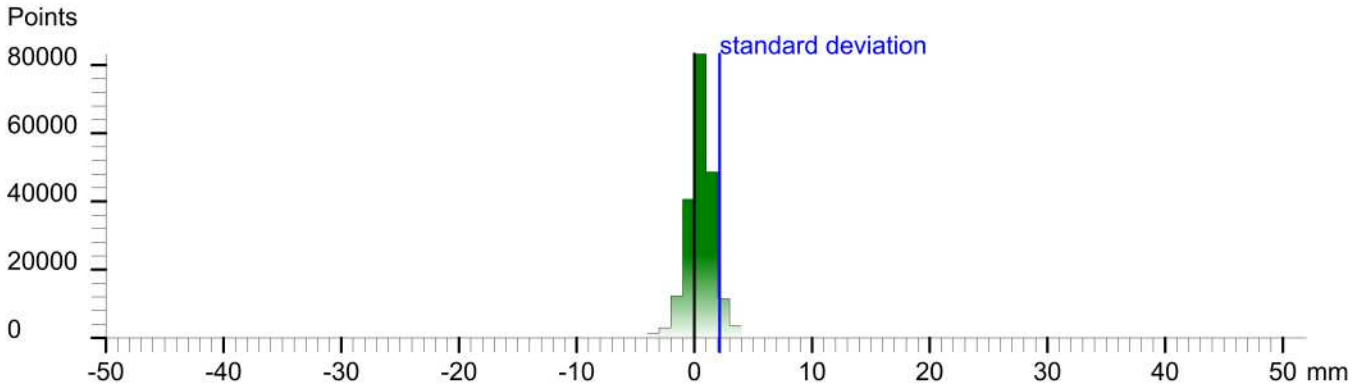
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

```
-0.622322  0.782762  0.000318  23.0528 m  
-0.782761 -0.622319 -0.002269 -19.6991 m  
-0.001579 -0.001660 0.999998  7.6834 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:2.1 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.89'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `ctrl 1,RCSensor 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.89" -scanspos "89" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projedTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.961716 bar 438.134 m  
nav translation: -5.6146 m -26.4933 m 436.8099 m accuracies: 18.8385 m 18.8385 m 0.0000 m  
nav rotation: 0.0000 0.0000 113.1064 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.392 0.920 0.000 85.932  
-0.920 -0.392 0.000 -53.201  
0.000 0.000 1.000 24.364  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '9'

Scan position is member of group(s):

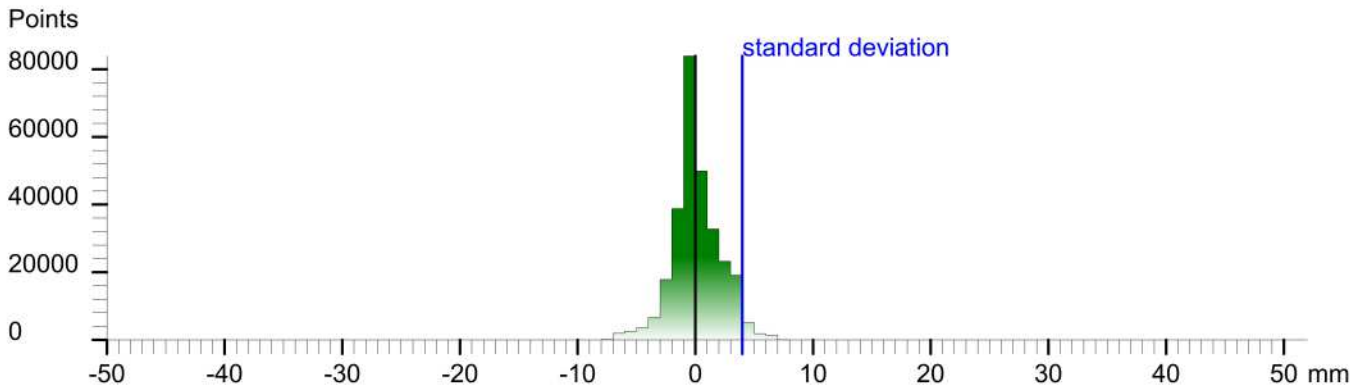
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

```
-0.809597 -0.586985 0.001661 54.6457 m
0.586983 -0.809598 -0.001303 -7.3670 m
0.002110 -0.000080 0.999998 0.2526 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:4.0 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.9'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "Muz.Ist.Neamt Sc.9" -scenpos "9" -path "Muzel de istorie Neamt" -project "Muzel de istorie Neamt" -projectTemplate "" -compensator -nav -temperature "20" -camera "cam" -panoramaparams fast-resolution h -quality default -from "0" -to "181" -infrom "20" -to "130"
```

**Sensor**  
sensors: 3100 ' barometer translation rotation gps'  
Barometer: 0.963934 bar 418.892 m  
nav translation: 5.1020 m -5.0702 m 419.0172 m accuracies: 8.7452 m 8.7452 m 0.0000 m  
nav rotation: 0.0000 0.0000 204.9210 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:46.928024 long:26.369841 satellites:4 height:353.2m hdop:15.1 vdop:8.0m hacc:11.4m vacc:16.0 flags:G3 'stand alone 3D solution'  
north:5197358.471 m east:452027.535 m zone:35T  
Initial pre position (3:outdoor)  
-0.907 -0.421 0.000 75.645  
0.421 -0.907 0.000 -4.886  
0.000 0.000 1.000 6.572  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



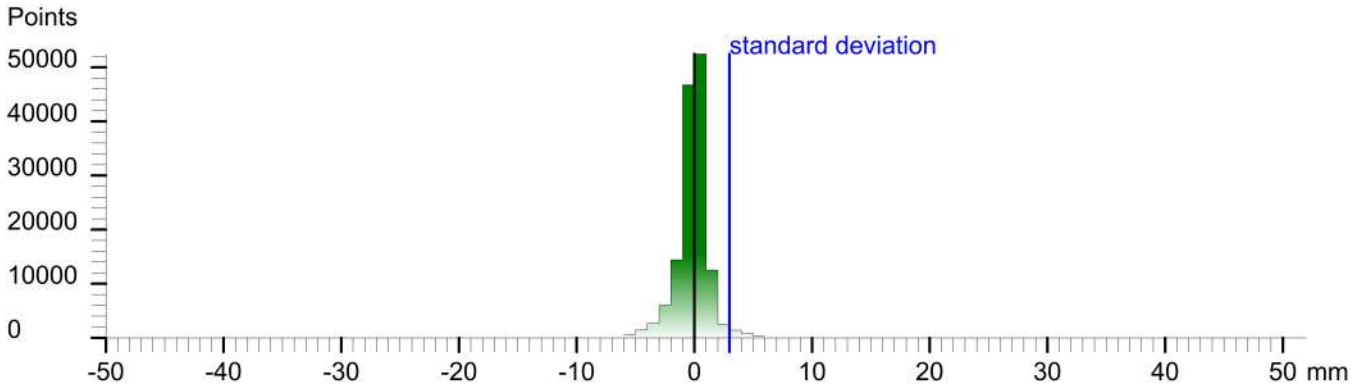
# Scan position '90'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.227847  0.973697  0.000564  22.3632 m  
-0.973697 -0.227846 -0.001123 -21.9013 m  
-0.000965 -0.000804  1.000000  7.6650 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:3.0 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.90'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: 'cd /1_RCSense 9.0.3' -memorize 1 -file "Muz.Ist.Neamt Sc.90" -scanspos '90' -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projedTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "340"  
Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.962057 bar 435.175 m  
nav translation: 1.1626 m -2.5384 m 437.1299 m accuracies: 6.5084 m 6.5084 m 0.0000 m  
nav rotation: 0.0000 0.0000 90.7130 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.012 1.000 0.000 87.094  
-1.000 -0.012 0.000 -55.739  
0.000 0.000 1.000 24.684  
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



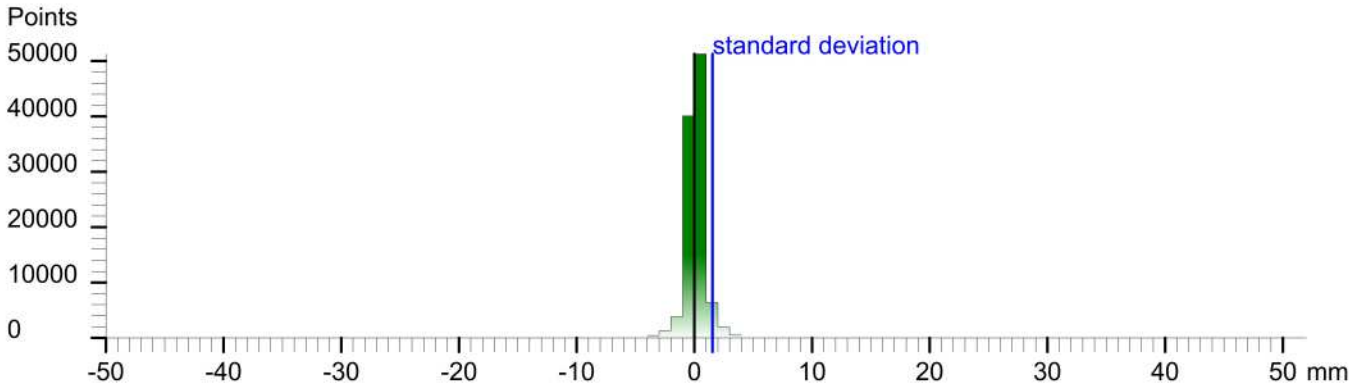
# Scan position '91'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.682242	0.731127	0.000280	20.7005 m
-0.731127	0.682243	-0.000445	-21.4424 m
-0.000516	0.000099	1.000000	7.6837 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.5 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.91'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: 'c:\1_RCSense 9.0.3' -memorize 1 -file "Muz.Ist.Neamt Sc.91" -scanspos '91' -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projedTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -hfo1 "140"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.962089 bar 434.897 m
nav translation: 1.4231 m -0.7913 m 434.5021 m accuracies: 5.9300 m 5.9300 m 0.0001 m
nav rotation: 0.0000 0.0000 37.0814 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0 indoor)
0.798 0.603 0.000 88.517
-0.603 0.798 0.000 -56.530
0.000 0.000 1.000 22.056
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '92'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

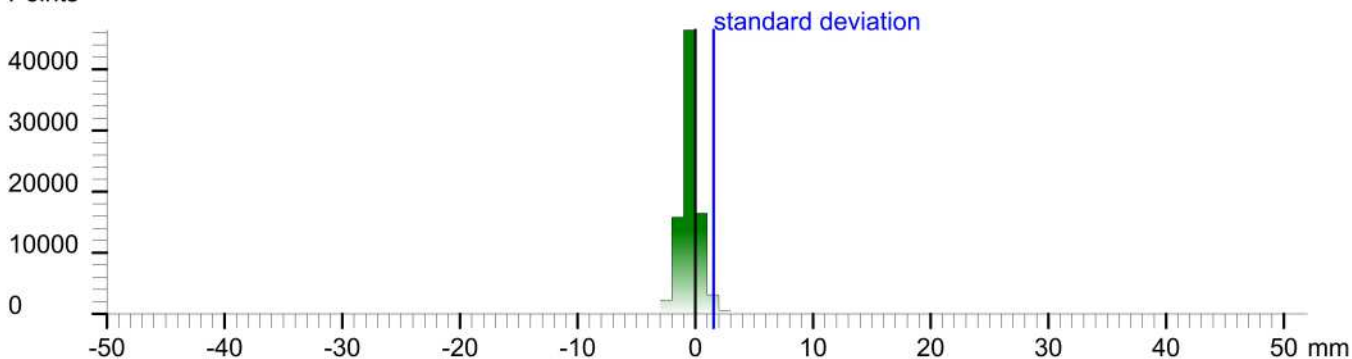
Registration matrix:

```
0.965783 -0.259354 -0.000524 17.9919 m
0.259355 0.965783 0.000622 -20.4323 m
0.000345 -0.000737 1.000000 7.6715 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.5 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.92'

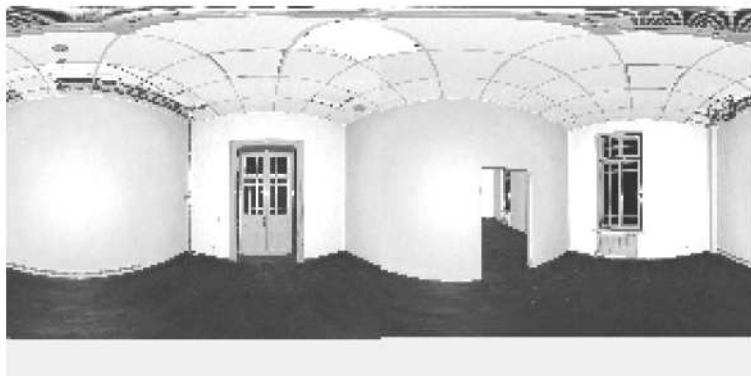
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: 'c:\1_RCSense 9.0.3' -memorize 1 -file "Muz.Ist.Neamt Sc.92" -scanspos "92" -path "Muz.Ist.Neamt" -project "Muz.Ist.Neamt" -projTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -Ho1 "340"
Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.962207 bar 433.868 m
nav translation: 1.0922 m -2.8162 m 434.7564 m accuracies: 6.6317 m 6.6317 m 0.0001 m
nav rotation: 0.0000 0.0000 346.8406 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.974 -0.228 0.000 89.609
0.228 0.974 0.000 -59.346
0.000 0.000 1.000 22.311
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



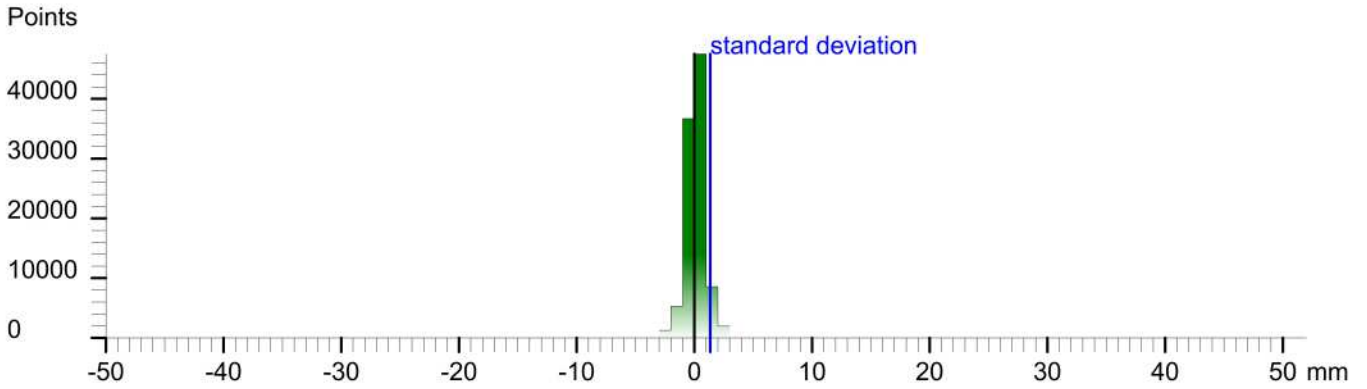
# Scan position '93'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
0.681890 -0.731454 -0.001220 16.4692 m
0.731455 0.681891 0.000149 -22.1138 m
0.000723 -0.000995 1.000000 7.6750 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.3 mm

## Deviation histogram



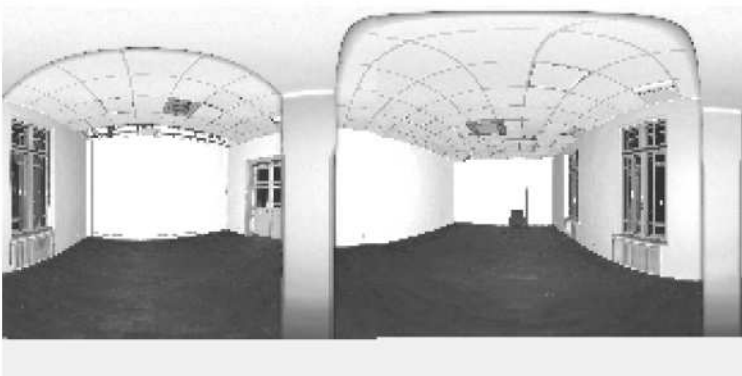
## Scan 'Muz.Ist.Neamt Sc.93'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: 'c:\1_RCSense 9.0.3' -memorize 1 -file "Muz.Ist.Neamt Sc.93" -scanset "93" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "140"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.962312 bar 432.964 m
nav translation: 0.8198 m 1.3429 m 432.5642 m accuracies: 5.9002 m 5.9002 m 0.0000 m
nav rotation: 0.0000 0.0000 312.3199 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.673 -0.739 0.000 90.429
0.739 0.673 0.000 -58.004
0.000 0.000 1.000 20.119
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '94'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

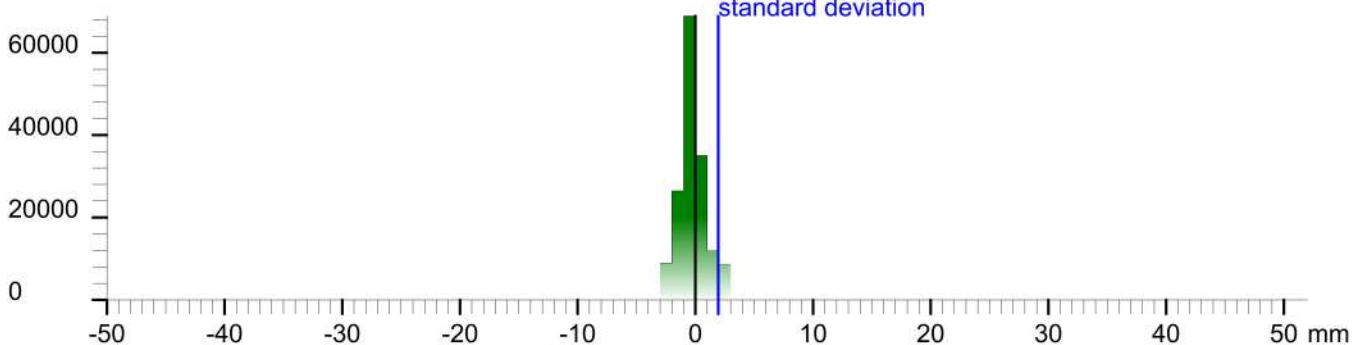
Registration matrix:

-0.700441	0.713711	-0.000781	14.9862 m
-0.713709	-0.700441	-0.001906	-26.4187 m
-0.001908	-0.000777	0.999998	7.6992 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.9 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.94'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

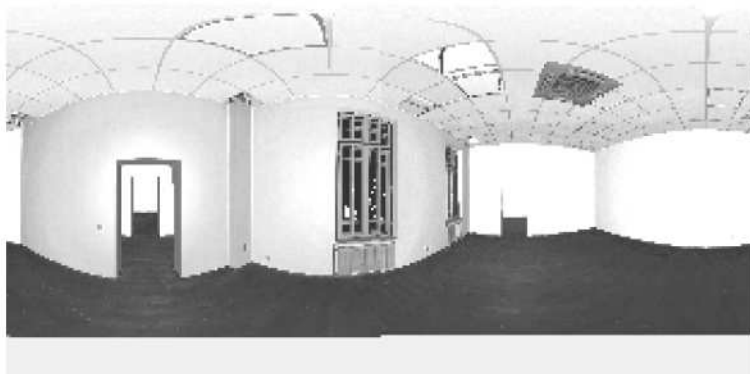
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: 'c:\1_RCSense 9.0.3' -memorize 1 -file "Muz.Ist.Neamt Sc.94" -scanpos "94" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projecTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -frum "0" -fo "181" -infram1 "20" -ho1 "140"
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.962314 bar 432.94 m  
nav translation: 0.7425 m -2.0210 m 433.1142 m accuracies: 6.1933 m 6.1933 m 0.0001 m  
nav rotation: 0.0000 0.0000 125.5858 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.582 0.813 0.000 91.172  
-0.813 -0.582 0.000 -60.025  
0.000 0.000 1.000 20.669  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '95'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

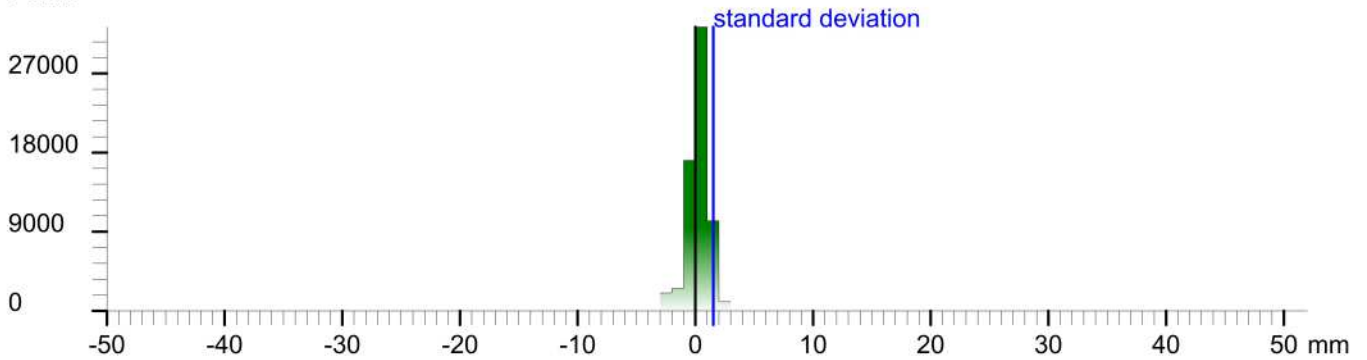
Registration matrix:

```
-0.399403  0.916776 -0.000632  13.8790 m
-0.916774 -0.399403 -0.002317 -29.5433 m
-0.002377 -0.000346  0.999998   7.6891 m
0.000000  0.000000  0.000000   1.0000
```

Result registration cloud to cloud standard deviation: 1.5 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.95'

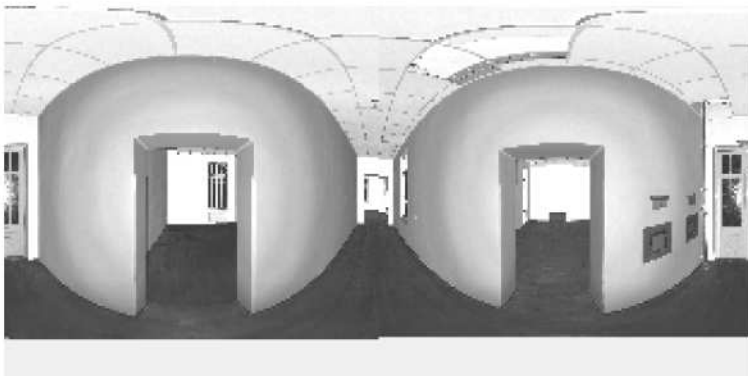
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: c:\1_RCSense 9.0.3\memorize 1 -file "Muz.Ist.Neamt Sc.95" -scanspos "95" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projctTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "140"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.962333 bar 432.776 m
nav translation: 0.5124 m -1.6585 m 432.6559 m accuracies: 5.9743 m 5.9743 m 0.0000 m
nav rotation: 0.0000 0.0000 110.1703 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.345 0.939 0.000 91.684
-0.939 -0.345 0.000 -61.683
0.000 0.000 1.000 20.210
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header





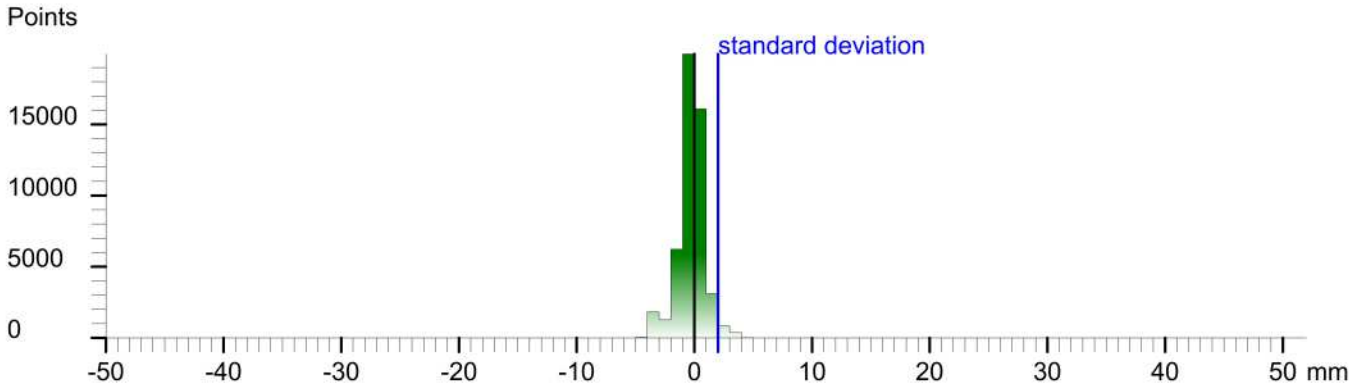
# Scan position '96'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.441148  0.897435 -0.000990  10.9850 m  
-0.897433 -0.441149 -0.001724 -33.5006 m  
-0.001985  0.000129  0.999998   7.6894 m  
0.000000  0.000000  0.000000   1.0000
```

Result registration cloud to cloud standard deviation: 2.0 mm

## Deviation histogram



## Scan 'Muz.Ist.Neamt Sc.96'

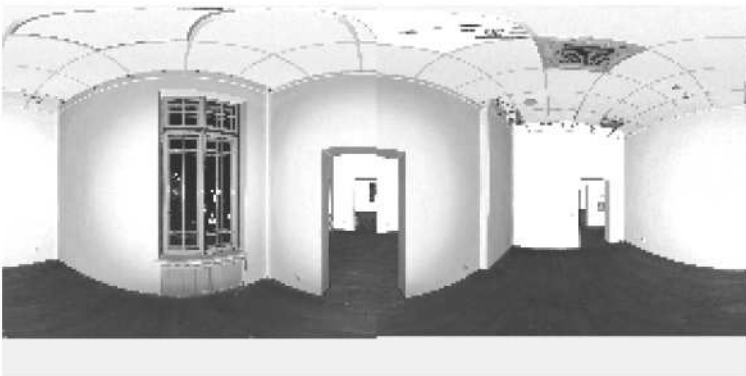
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

Scan command: `ctrl_1_RCServer 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.96" -scanpos "96" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projctemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -frum "0" -fo "181" -infram1 "20" -ho1 "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.962532 bar 431.051 m  
nav translation: 0.2879 m -4.3046 m 431.6677 m accuracies: 7.2860 m 7.2860 m 0.0000 m  
nav rotation: 0.0000 0.0000 104.1705 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
initial pre position (4:1m)  
1.000 0.000 0.000 0.000  
0.000 1.000 0.000 0.000  
0.000 0.000 1.000 0.000  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '97'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

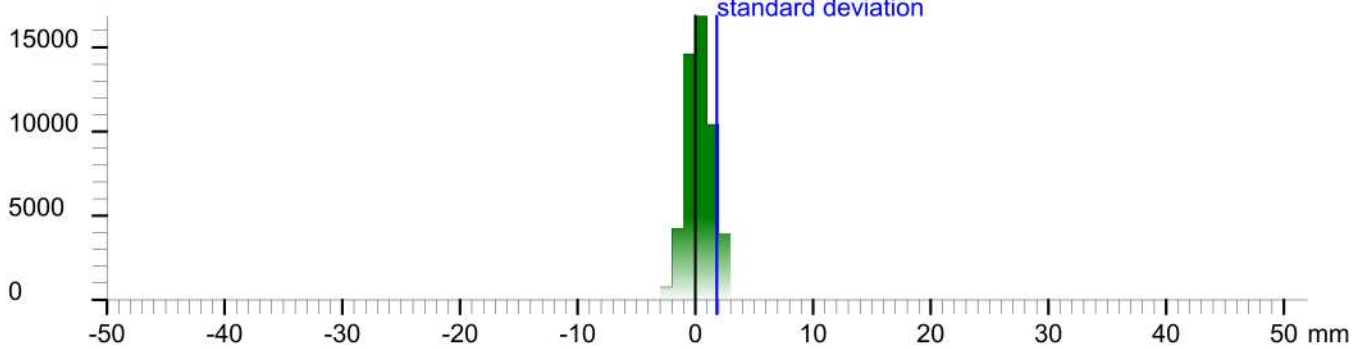
Registration matrix:

-0.857285	0.514840	-0.001920	7.4162 m
-0.514836	-0.857287	-0.002227	-32.2168 m
-0.002793	-0.000920	0.999996	7.6734 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.8 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.97'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

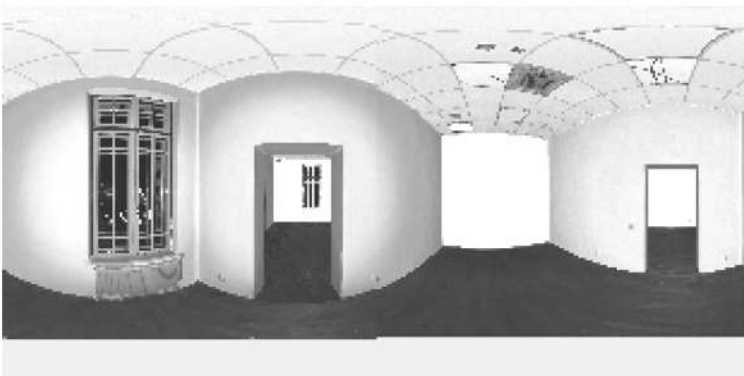
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "Muz.Ist.Neamt Sc.97" -scanspos "97" -path "Muzul de istorie Neamt" -project "Muzul de istorie Neamt" -projctemplate "" -nav -temperature "20" -camera "zcam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -infram1 "20" -ho1 "140"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.962554 bar 430.858 m  
nav translation: 0.0000 m 0.0000 m 431.7829 m accuracies: 5.1000 m 5.1000 m 0.0000 m  
nav rotation: 0.0000 0.0000 142.9664 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.798 0.602 0.000 91.972  
-0.602 -0.798 0.000 -65.988  
0.000 0.000 1.000 19.337  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '98'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

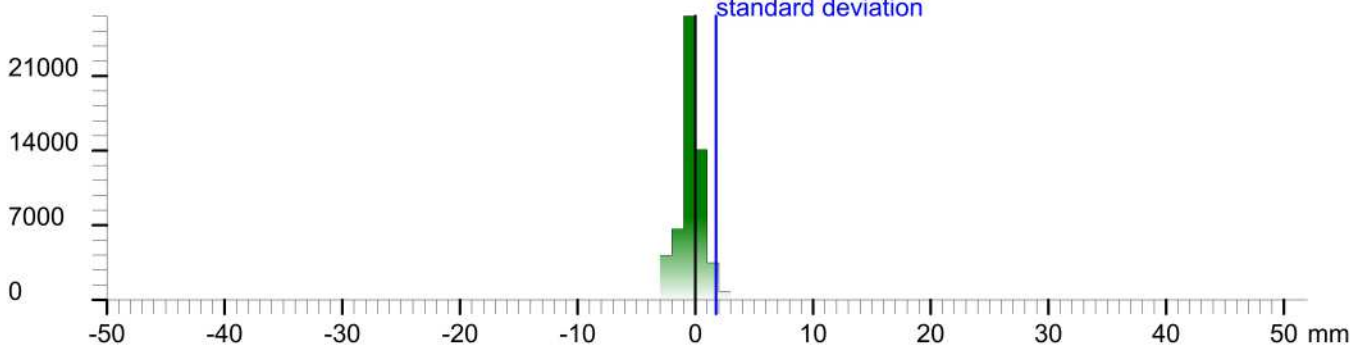
Registration matrix:

-0.824999	-0.565129	-0.002694	3.9076 m
0.565133	-0.825000	-0.001265	-30.7952 m
-0.001509	-0.002566	0.999996	7.6242 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.8 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.98'

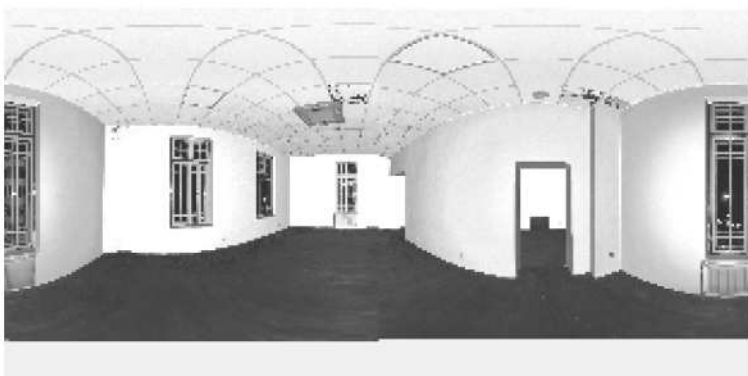
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: c:\1_RCSense 9.0.3\memorize 1 -file "Muz.Ist.Neamt Sc.98" -scanset "98" -path "Muz.Ist.Neamt" -project "Muz.Ist.Neamt" -projTemplate "" -nav -temperature "20" -camera "1-cam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -fram1 "20" -fo1 "140"
Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.962568 bar 430.735 m
nav translation: -1.0266 m -0.1430 m 429.9585 m accuracies: 5.6265 m 5.6265 m 0.0001 m
nav rotation: 0.0000 0.0000 207.4808 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.887 -0.461 0.000 90.945
0.461 -0.887 0.000 -66.131
0.000 0.000 1.000 17.513
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Scan position '99'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

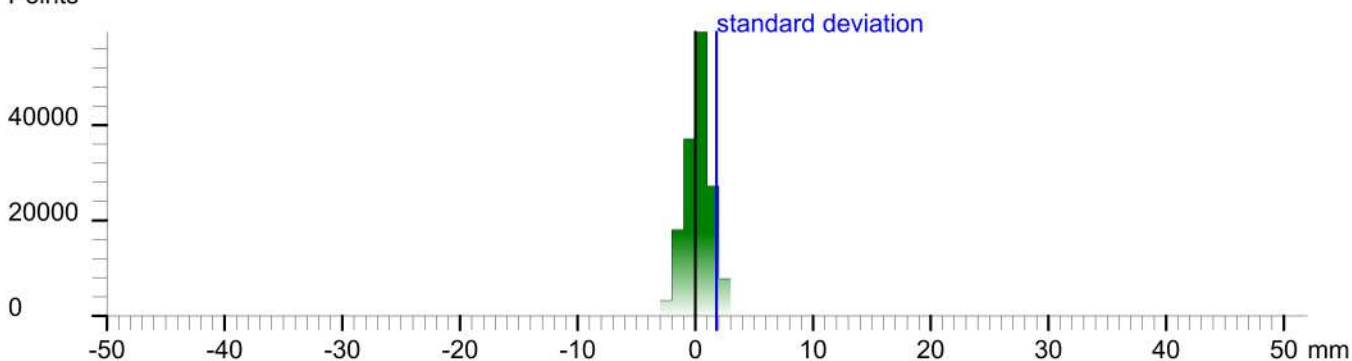
Registration matrix:

0.258725	-0.965949	-0.002490	5.6213 m
0.965952	0.258725	0.000140	-26.4191 m
0.000509	-0.002442	0.999997	7.6699 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.8 mm

## Deviation histogram

Points



## Scan 'Muz.Ist.Neamt Sc.99'

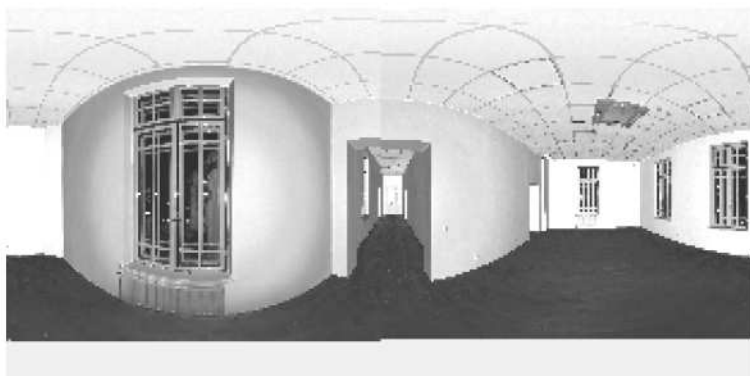
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: c:\1_RCSense 9.0.3\memorize 1 -file "Muz.Ist.Neamt Sc.99" -scanspos "99" -path "Muz.Ist.Neamt" -project "Muz.Ist.Neamt" -projTemplate "" -nav -temperature "20" -camera "zcam" -panoramaparams test -resolution h -quality default -fram "0" -fo "181" -fram1 "20" -Ho1 "140"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.962688 bar 429.699 m
nav translation: -0.1659 m 0.4841 m 430.4409 m accuracies: 5.3569 m 5.3569 m 0.0000 m
nav rotation: 0.0000 0.0000 277.6634 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.133 -0.991 0.000 90.780
0.991 0.133 0.000 -65.646
0.000 0.000 1.000 17.995
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



# Labels

No labels stored in project

# Links

No links stored in project

# Summary

Number of scans: **227** used in **227** scan positions

Point clouds: **0**

Scans with color: **0** mapped **0**

Scans with thermal data: **0** mapped **0**

Scans with errors:**8** warnings:**6** messages:**0**

Missed or corrupted scans files: **0**

Scanners used in the project: **5016-0100**

**0** known targets used

**0** targets used in **0** of **227** scan positions

First scan taken at: **28.11.2023 09:47::39** last scan at: **30.11.2023 14:33:37**

Duration: **2d 4h 45min 58sec**