



3D Disto Software  
for Windows®

# Leica 3D Disto Tutorial Wall Cladding

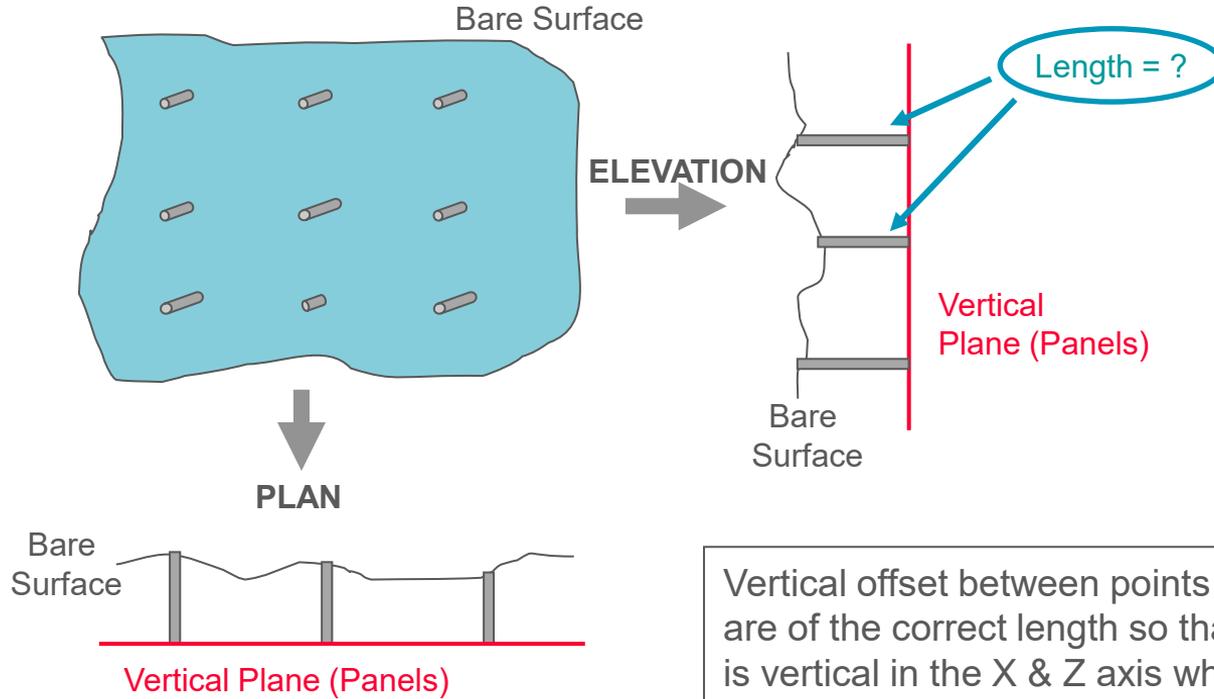


- when it has to be **right**



# Wall Cladding Panels

## Position and length of fasteners



Vertical offset between points ensure the supports are of the correct length so that the cladding panel is vertical in the X & Z axis when mounted.

# Wall Cladding Panels

## Position and length of fasteners

The Leica 3D Disto offers two solutions:

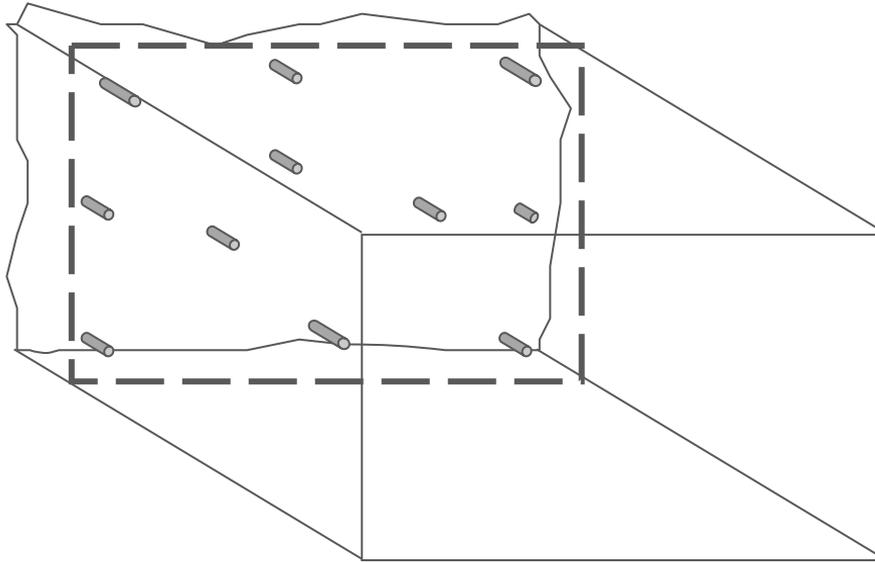
- A „Measure“ application if the position of the fixing points is variable
- B „Projector“ application if the position of the fixing points is preset



# Wall Cladding Panels

## Position and length of fasteners

- A Variable fixing point positions → «Measure» application

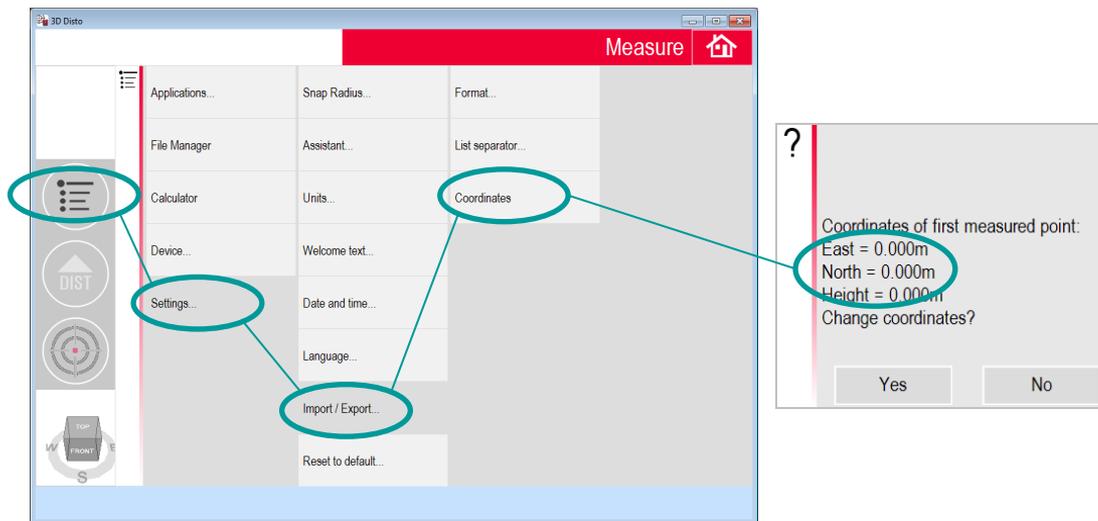


# Wall Cladding Panels

## Position and length of fasteners

A Variable fixing point positions → «Measure» application

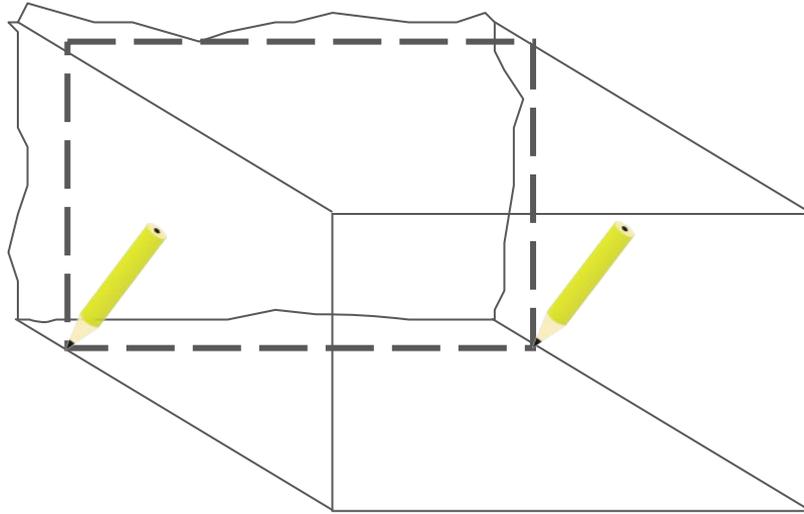
- be sure to have the export setting for coordinates = 0.000»



# Wall Cladding Panels

## Position and length of fasteners

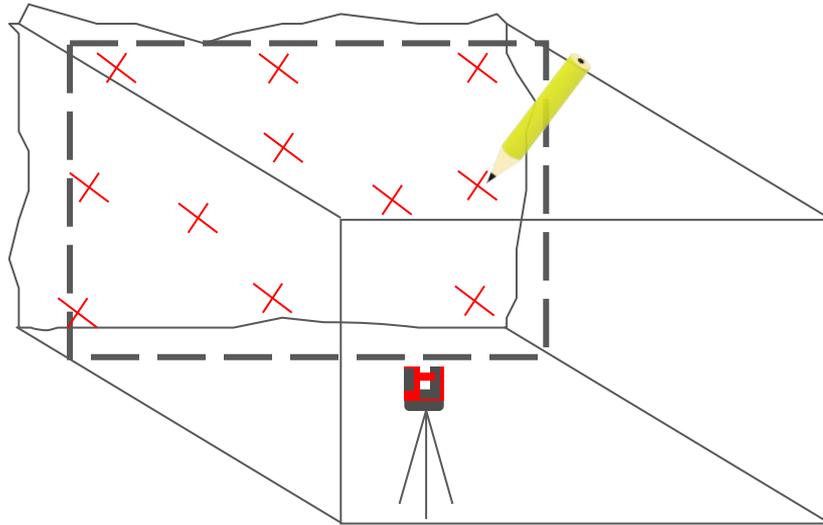
- A Variable fixing point positions → «Measure» application
  - mark the position of the future wall



# Wall Cladding Panels

## Position and length of fasteners

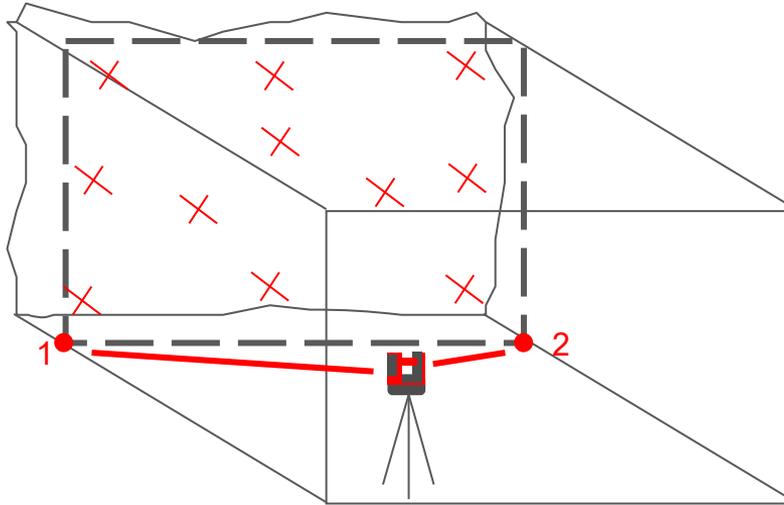
- A Variable fixing point positions → «Measure» application
  - mark the position of the fixations



# Wall Cladding Panels

## Position and length of fasteners

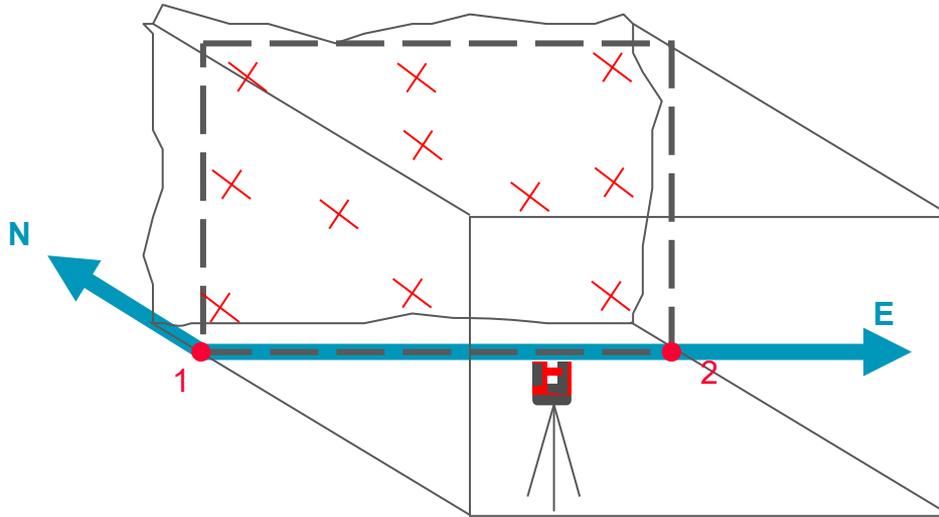
- A Variable fixing point positions → «Measure» application
  - measure P1 left, P2 right on future wall position



# Wall Cladding Panels

## Position and length of fasteners

- A Variable fixing point positions → «Measure» application
  - now the coordinate system fits to the future position of the wall

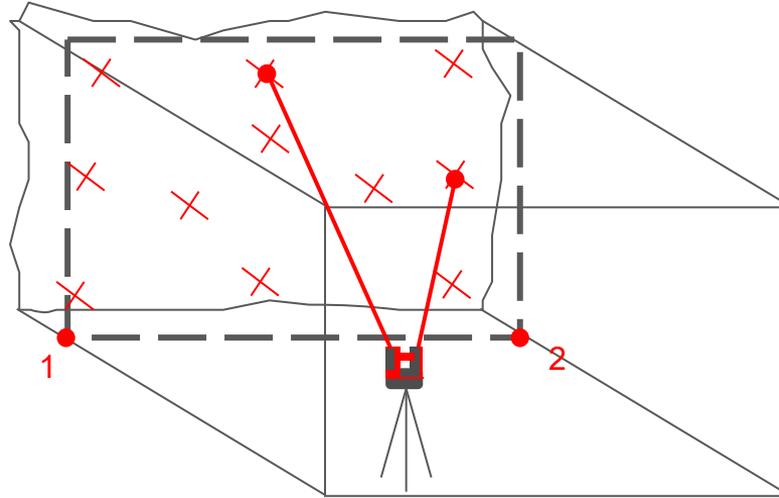


# Wall Cladding Panels

## Position and length of fasteners

A Variable fixing point positions → «Measure» application

- now measure each marked point on the wall
- save and export the measurement

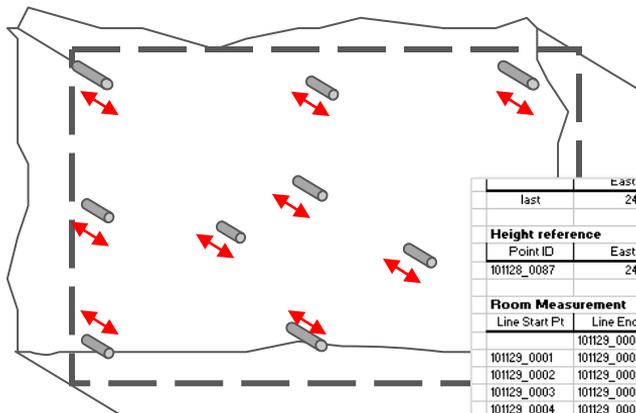


# Wall Cladding Panels

## Position and length of fasteners

A Variable fixing point positions → «Measure» application

- open the CSV file in export folder
- column „N end point» contains length of fixation

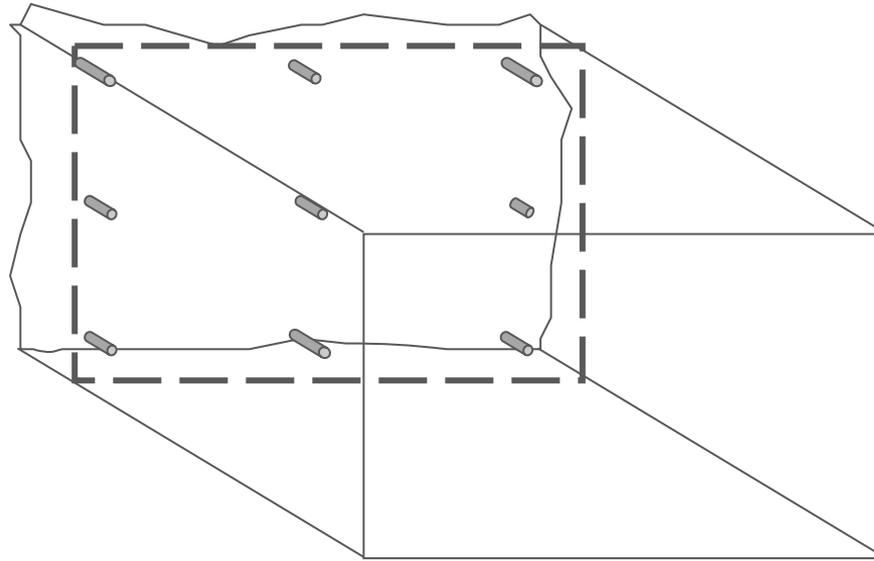


	East	North	Height		
last	248.689	456.779	1000		
<b>Height reference</b>					
Point ID	East	North	Height		
101129_0087	248.689	456.779	1000		
<b>Room Measurement</b>					
Line Start Pt	Line End Pt	E end point	N end point	H end point	Angle left
	101129_0001	250.000	450.000	0.024	
101129_0001	101129_0002	252.587	450.000	0.082	
101129_0002	101129_0003	999.999	xxxx.xxxx	0.107	170.00
101129_0003	101129_0004	999.999	xxxx.xxxx	0.059	290.20
101129_0004	101129_0005	999.999	xxxx.xxxx	0.055	90.00
	101129_0006	999.999	xxxx.xxxx	1.058	

# Wall Cladding Panels

## Position and length of fasteners

- B Pre-defined fixing point positions → „Projector“ application

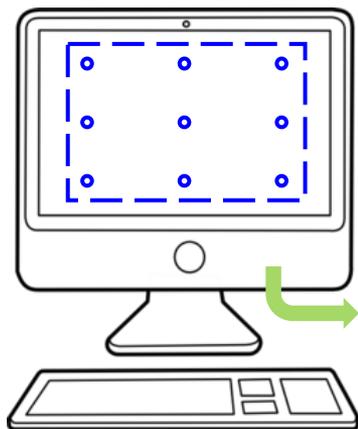


# Wall Cladding Panels

## Position and length of fasteners

B Pre-defined fixing point positions → „Projector“ application

- define the position of the fixations on CAD and export to DXF
- alternatively write a CSV file with X/Y positions



export DXF

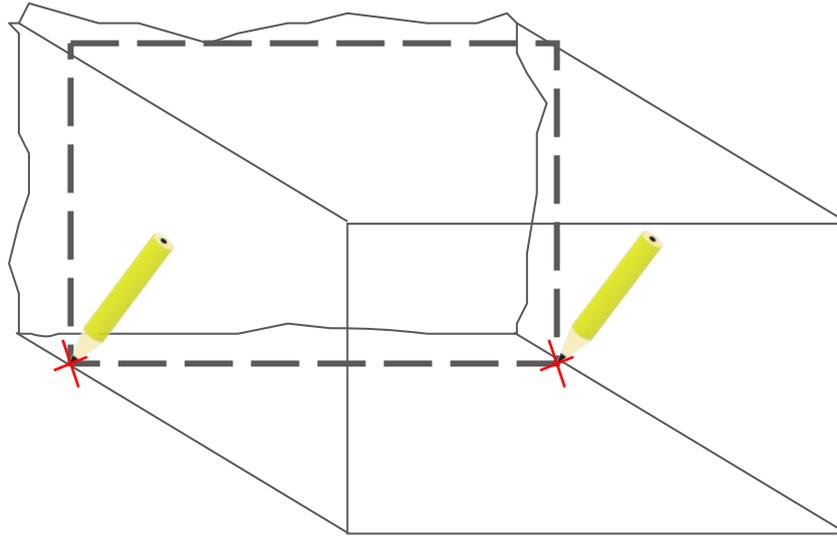


export CSV

# Wall Cladding Panels

## Position and length of fasteners

- B Pre-defined fixing point positions → „Projector“ application
  - mark the position of the future wall.

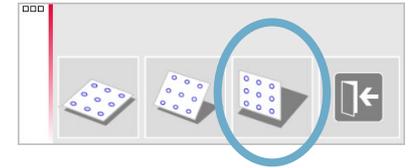
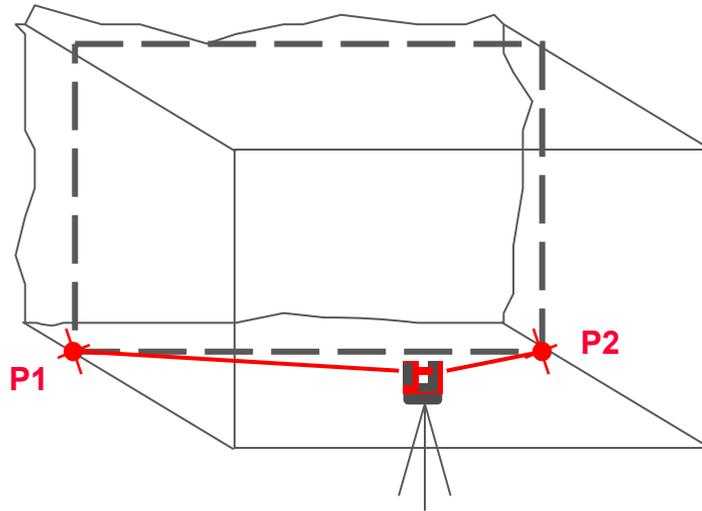


# Wall Cladding Panels

## Position and length of fasteners

B Pre-defined fixing point positions → „Projector“ application

- start Projector application „vertical“
- measure both marks

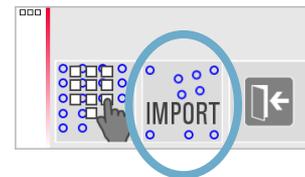
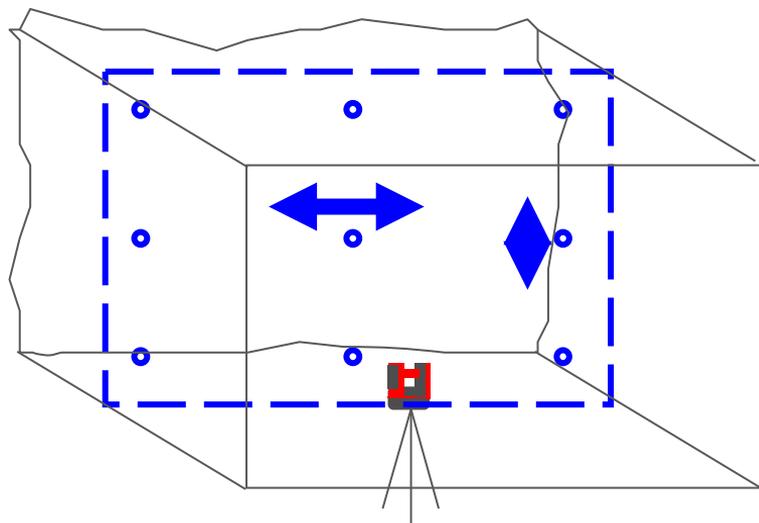


# Wall Cladding Panels

## Position and length of fasteners

B Pre-defined fixing point positions → „Projector“ application

- copy the DXF or CSV file to the 3D Disto's import data folder on your desktop
- move the import data to the correct position on the screen, press checkmark

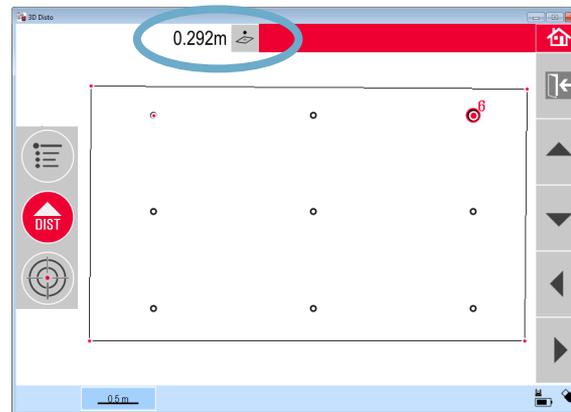
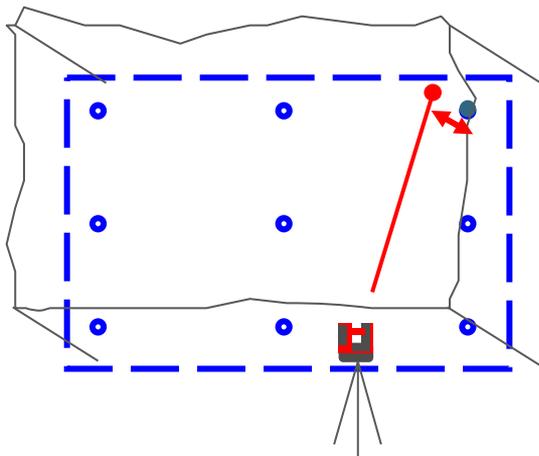


# Wall Cladding Panels

## Position and length of fasteners

B Pre-defined fixing point positions → „Projector“ application

- select a point on the screen, press DIST  
→ the point is set out at the correct position
- length of the fixation appears in the result window



# Leica 3D Disto

## Registration at myWorld

Register your 3D Disto on myWorld for:

- warranty extension
- license keys
- more tutorials
- free software updates
- support
- manuals

[www.myworld.leica-geosystems.com](http://www.myworld.leica-geosystems.com)

