



3D Disto Software
for Windows®

Leica 3D Disto Tutorial



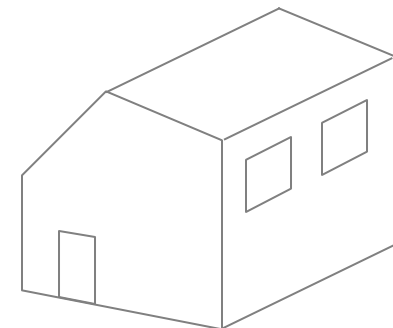
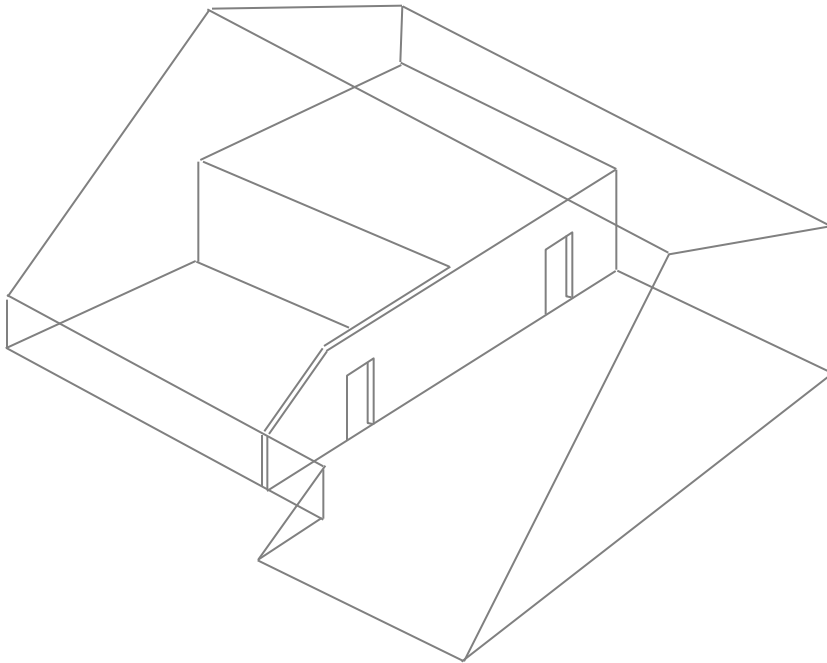
Relocation

- when it has to be **right**



Relocation

- What is „Relocation?“
- Why and when to make a relocation
- The workflow
- An indoor exemple
- How to get best results
- What if I forgot „Secure Location?“ Are there alternatives?

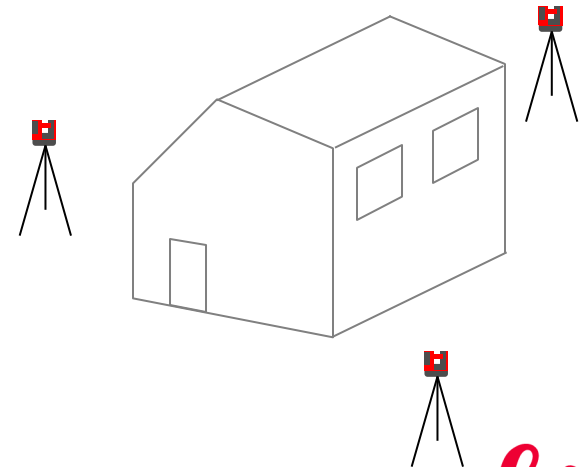
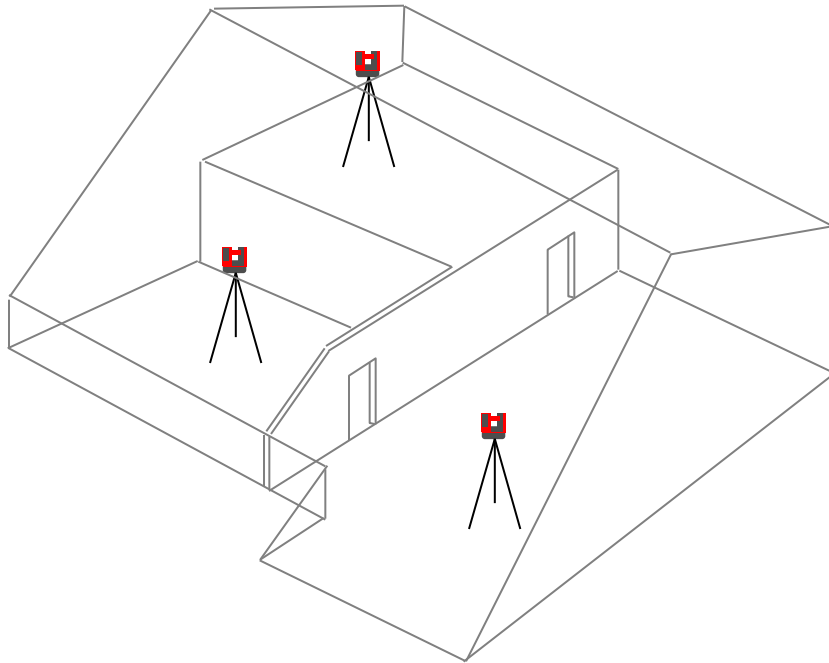


- when it has to be **right**

Relocation

What is "Relocation"?

Relocation is a tool that allows to change the position of the 3D Disto in a measurement.



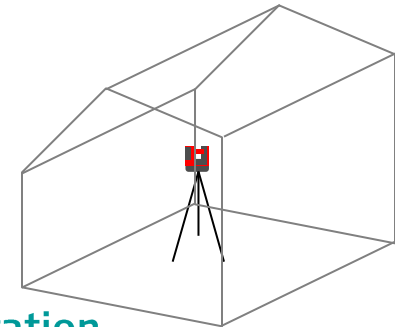
- when it has to be **right**

Leica
Geosystems

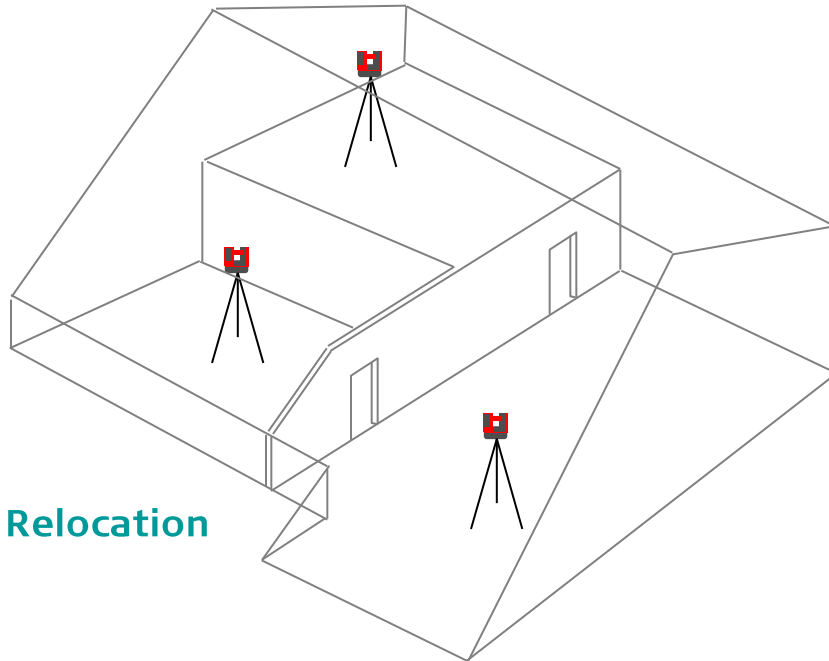
Relocation

Why and when to make a relocation

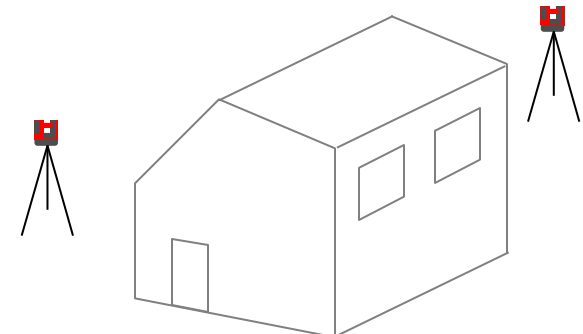
A Relocation is necessary if the measurement can not be done from one position:



→ no Relocation



→ Relocation



→ Relocation



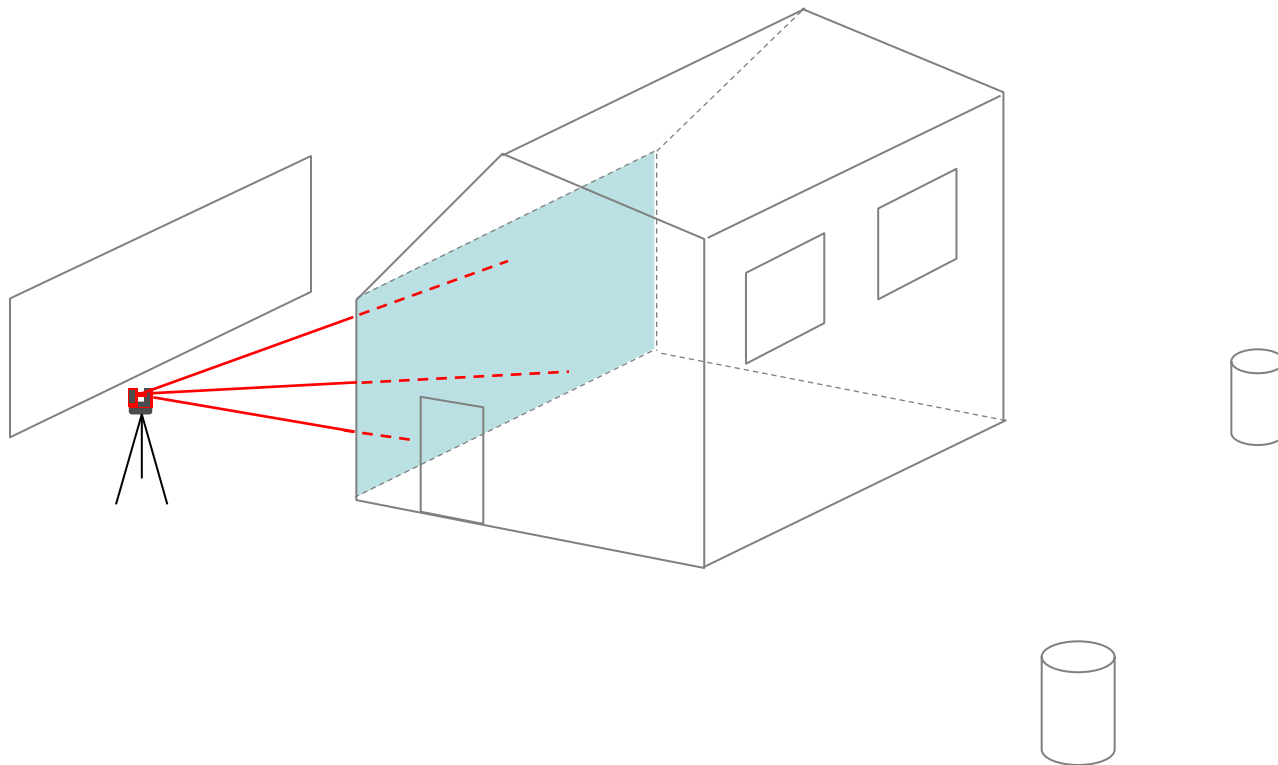
- when it has to be **right**

Relocation

The workflow

1

find a good position for the 3D Disto and measure all you need



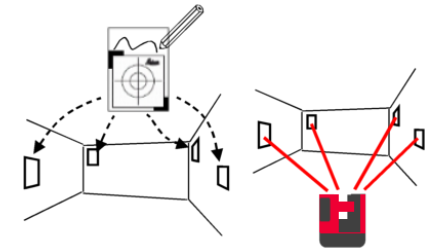
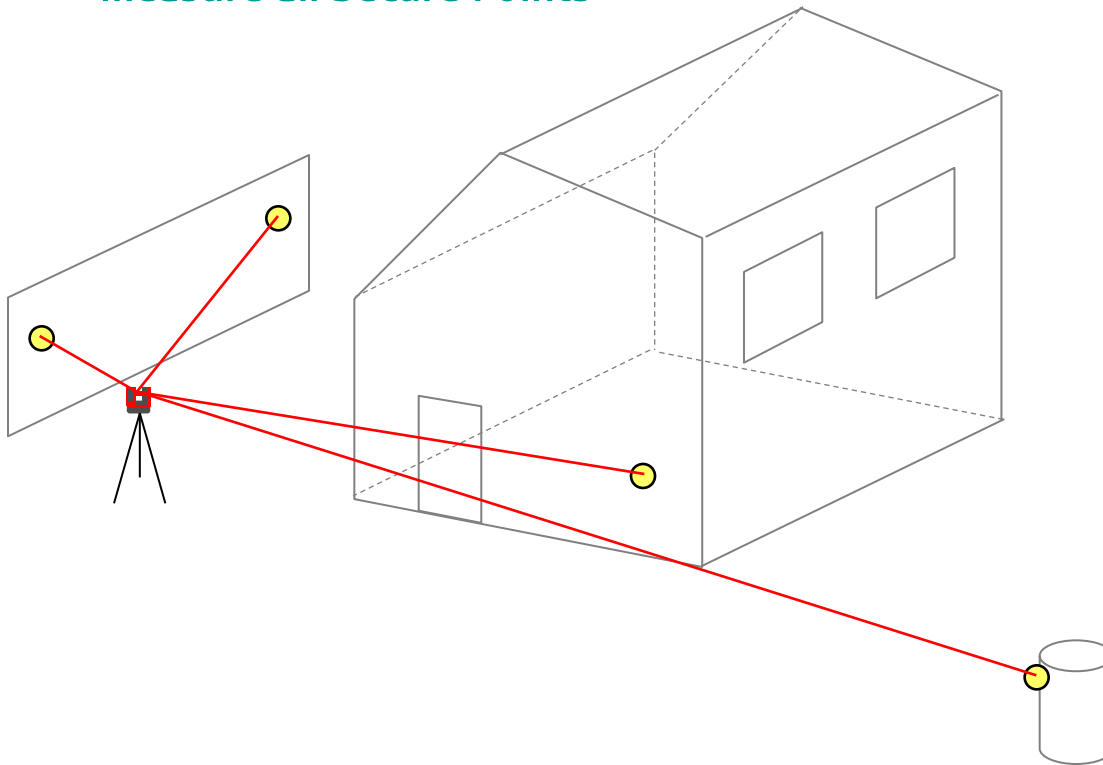
- when it has to be **right**

Relocation

The workflow

2

- mark 3 – 5 Secure Points
- start „Secure Location“
- measure all Secure Points



follow the assistant

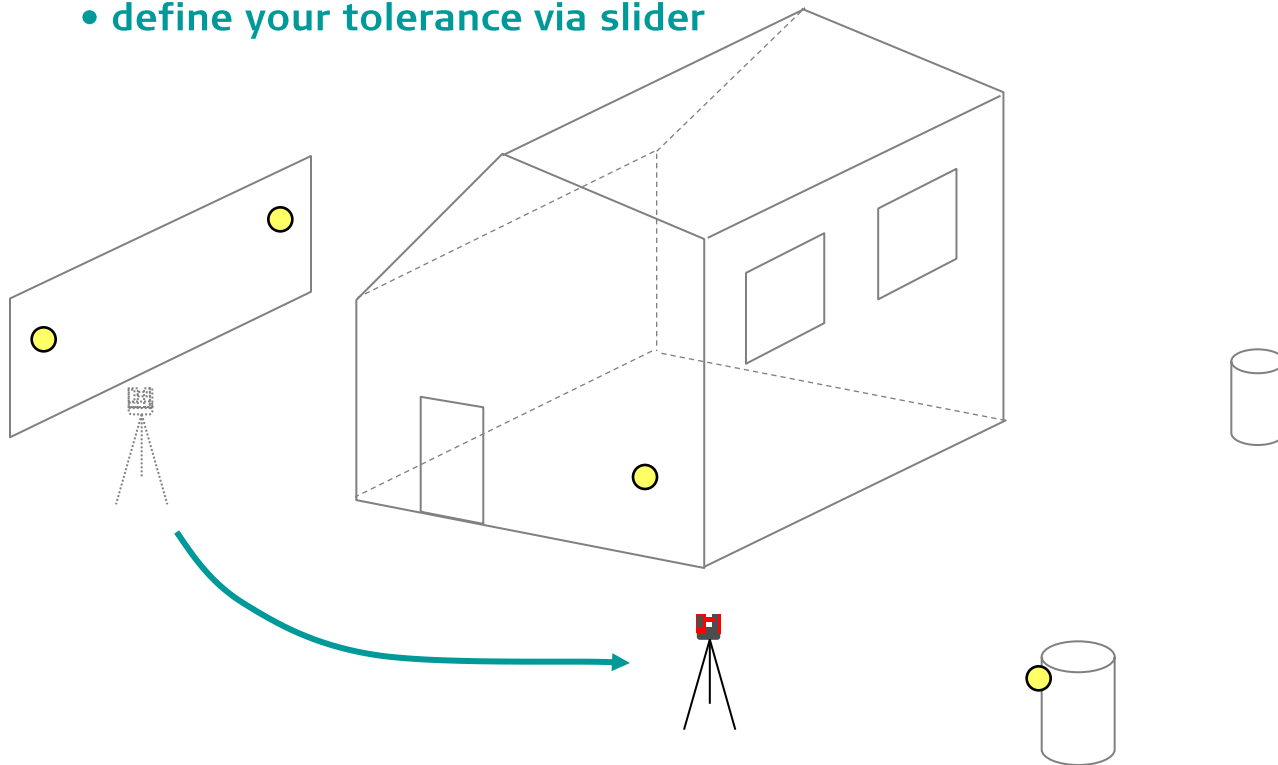
- when it has to be **right**

Relocation

The workflow

3

- change position of 3D Disto
- click into the Pointfinder to start leveling
- start „Relocation“
- define your tolerance via slider



tolerance slider

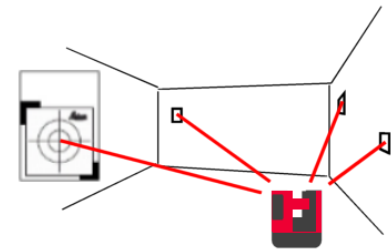
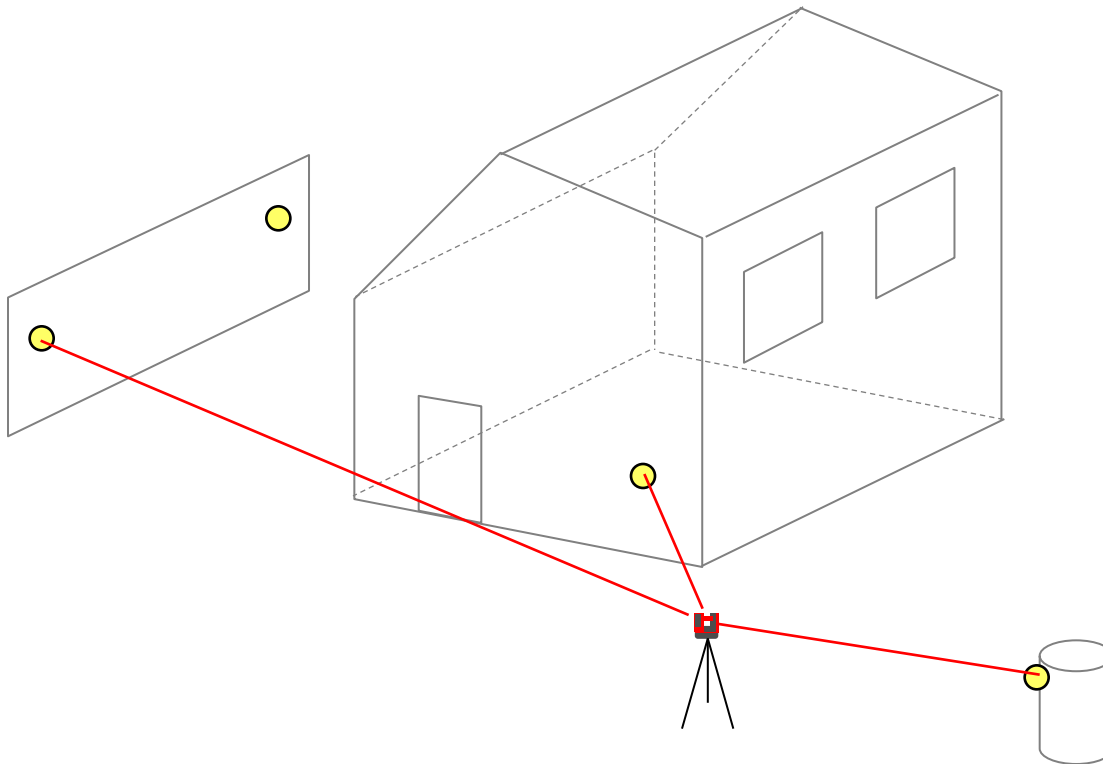
- when it has to be **right**

Relocation

The workflow

4

- measure at least 3 of the Secure Points
- „Relocation successful.“ → the new position was determined successfully



follow the assistant

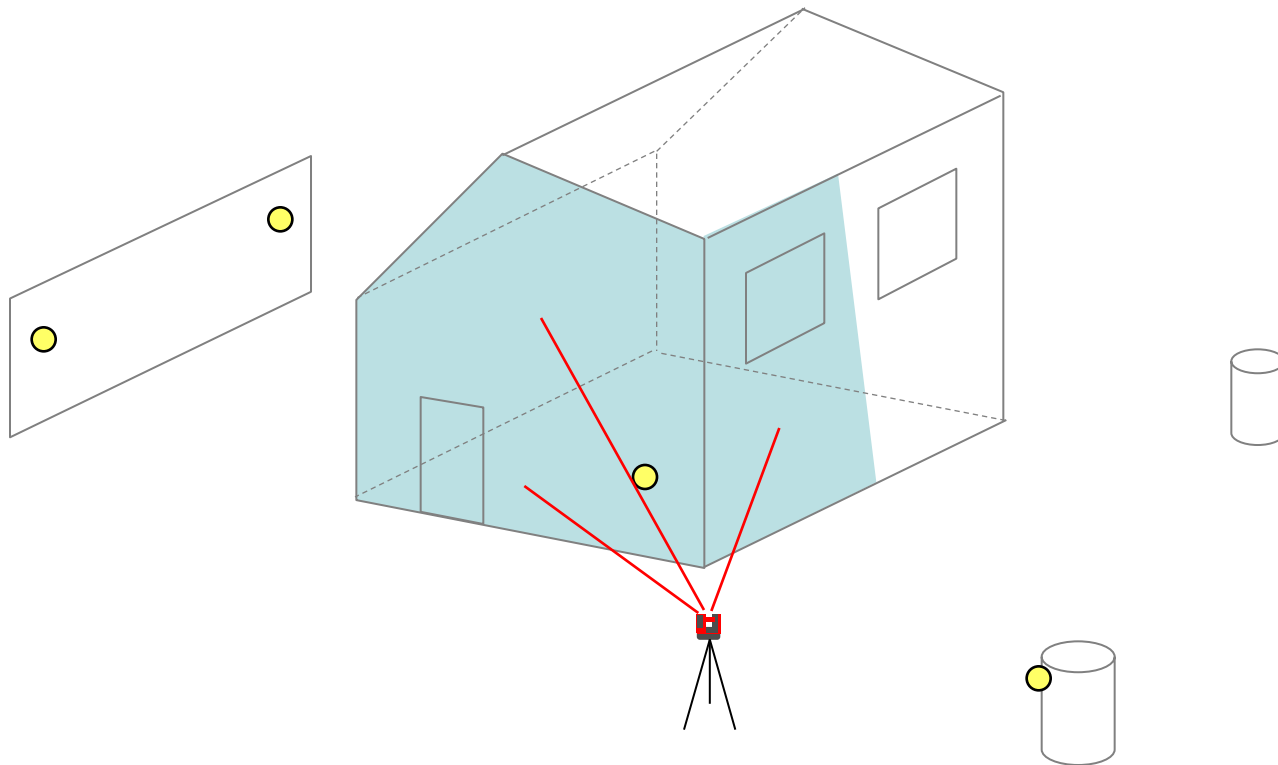
- when it has to be **right**

Relocation

The workflow

5

- continue your measurement



- when it has to be **right**

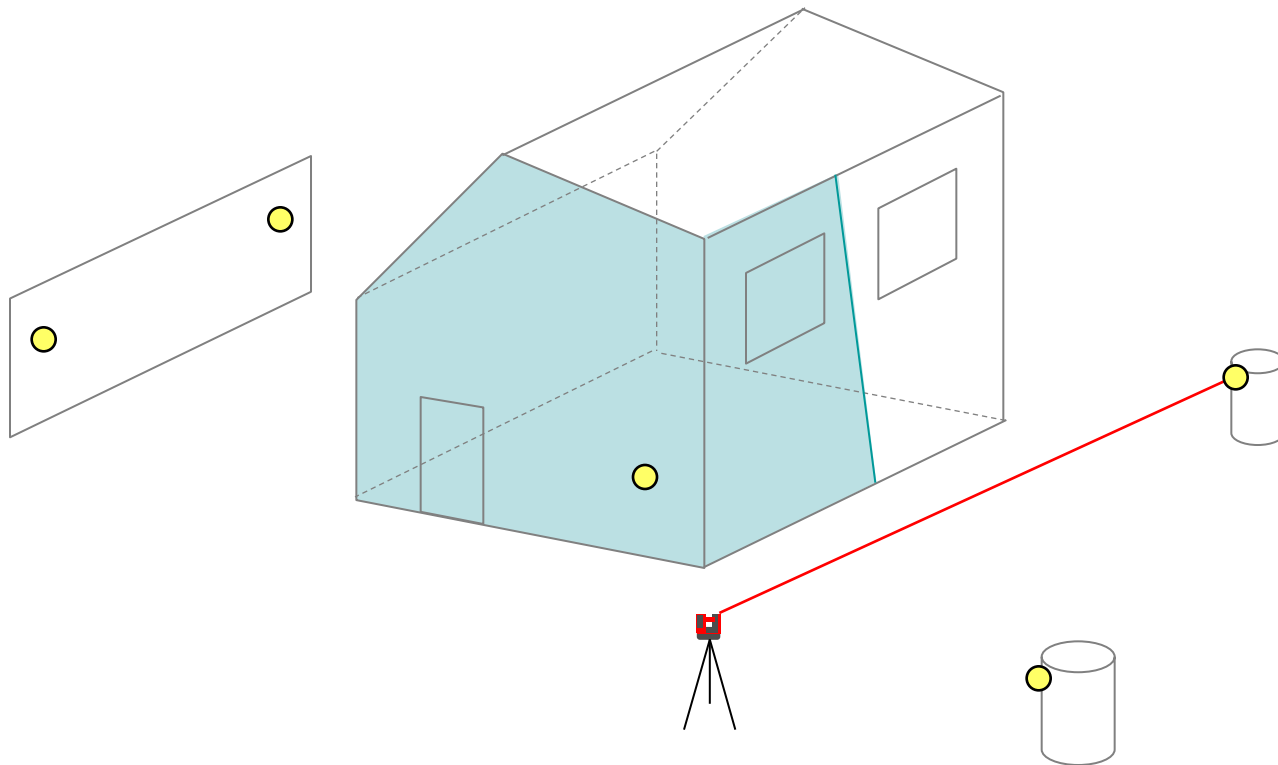
Relocation

The workflow

6

To change to the next position:

- execute „Secure Location“
- measure further Secure Point(s)



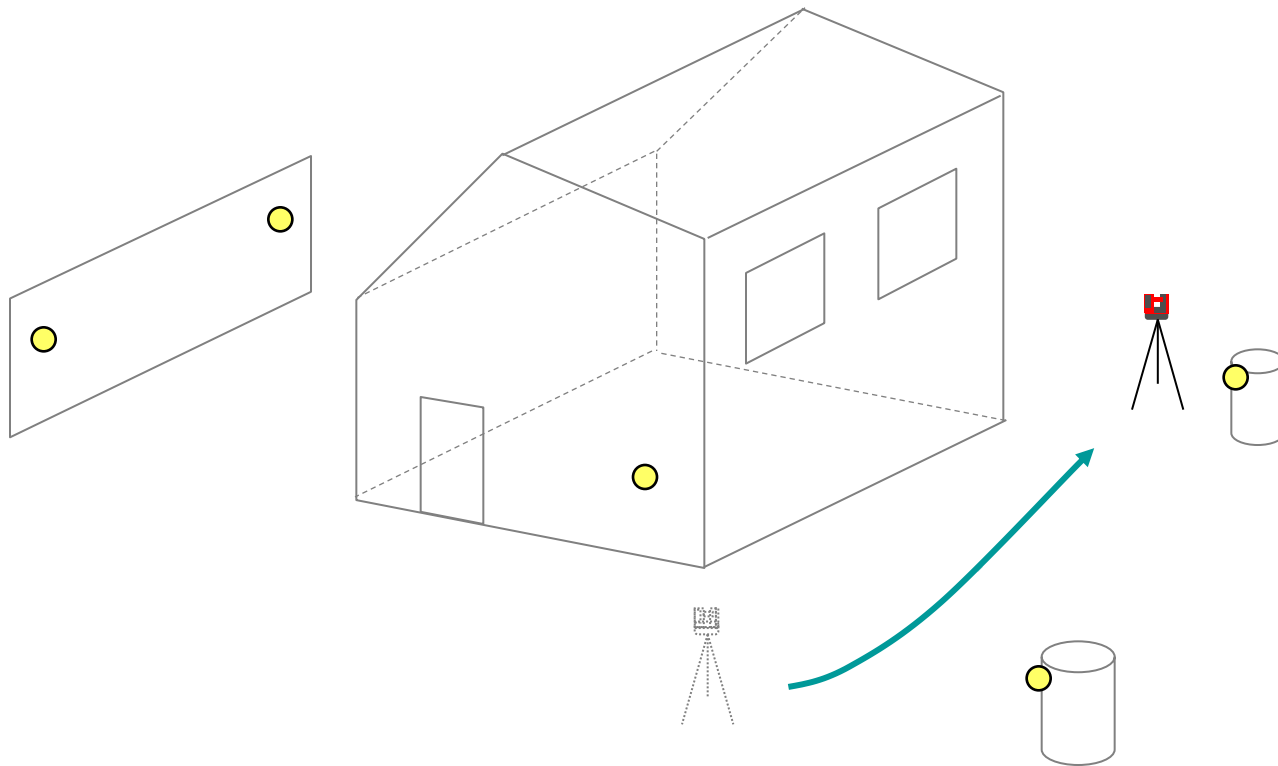
- when it has to be **right**

Relocation

The workflow

7

- change position



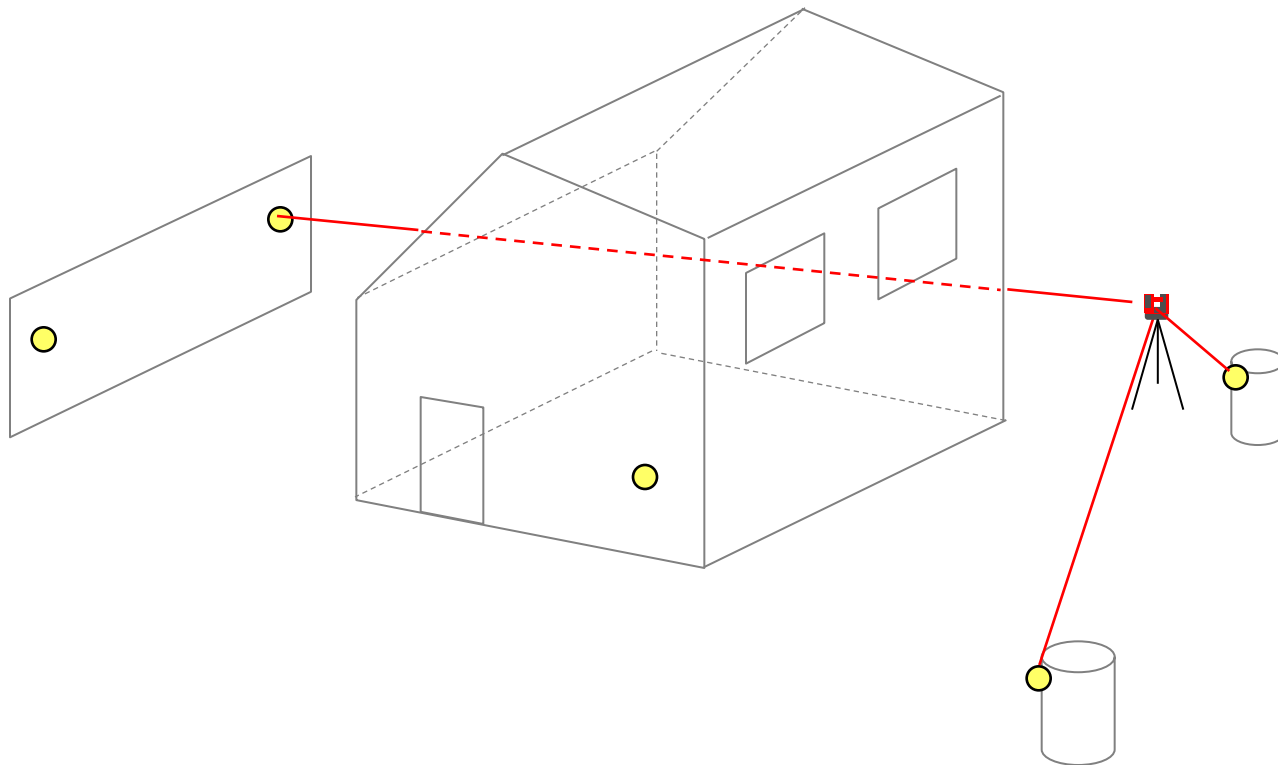
- when it has to be **right**

Relocation

The workflow

8

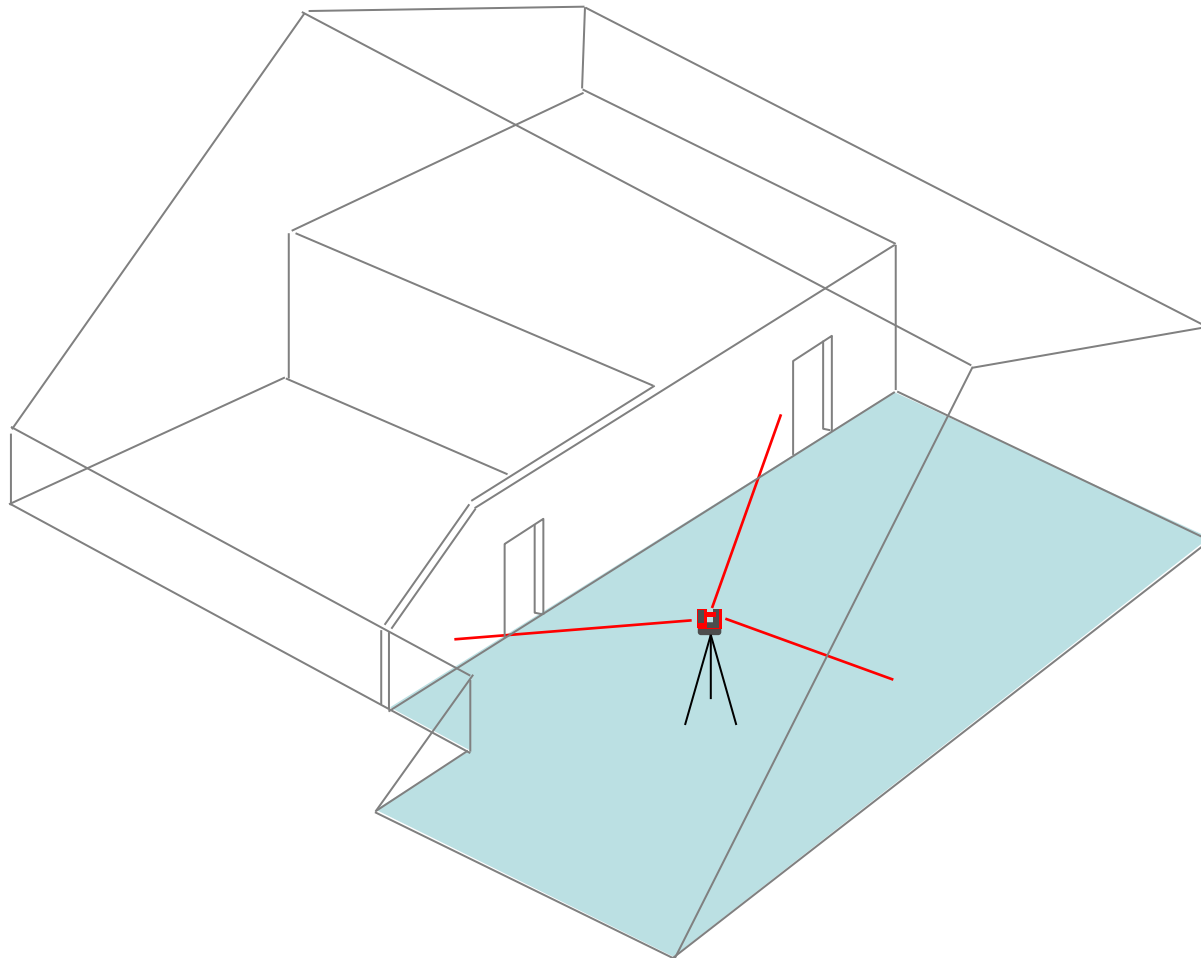
- execute „Relocation“



- when it has to be **right**

Relocation

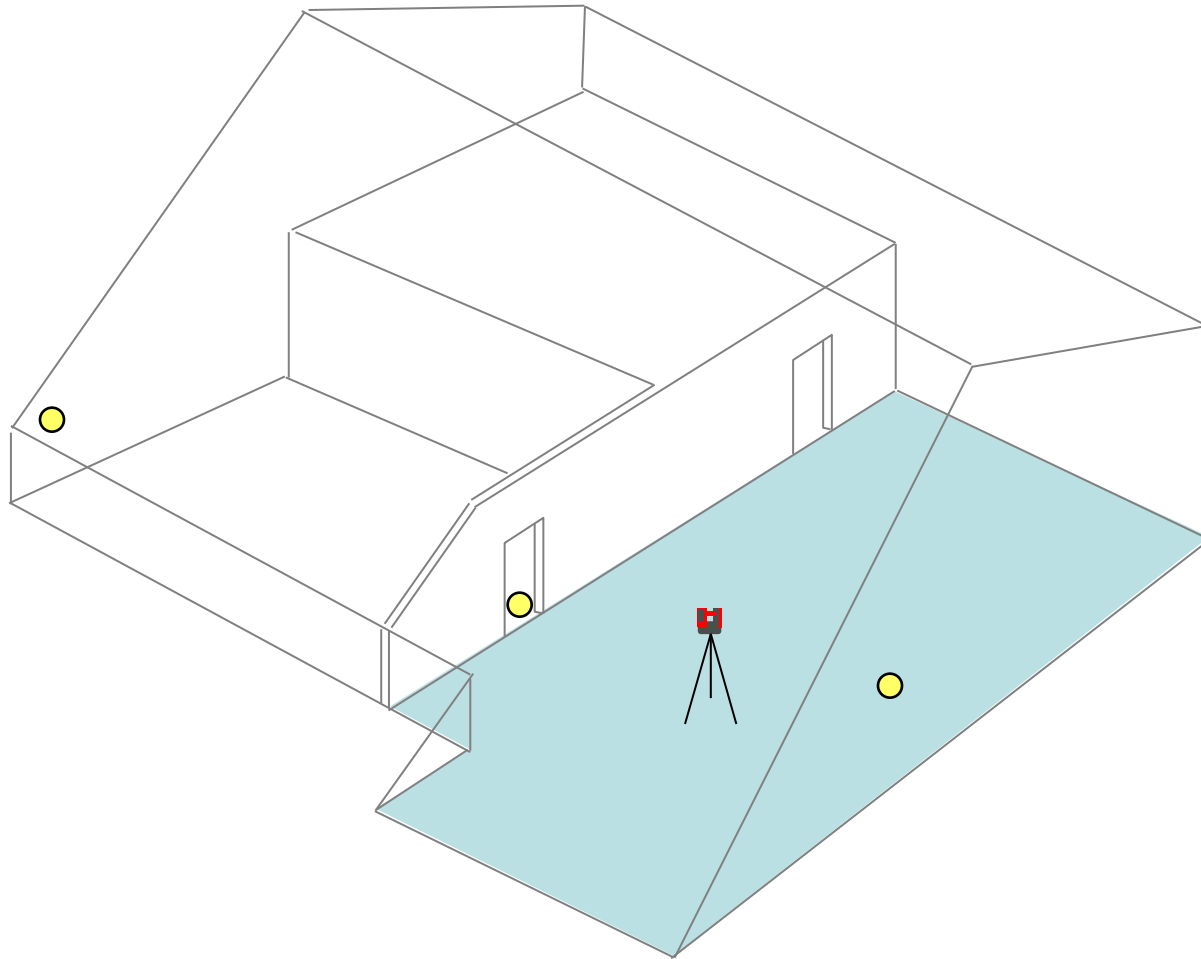
An indoor exemple



- when it has to be **right**

Relocation

An indoor exemple



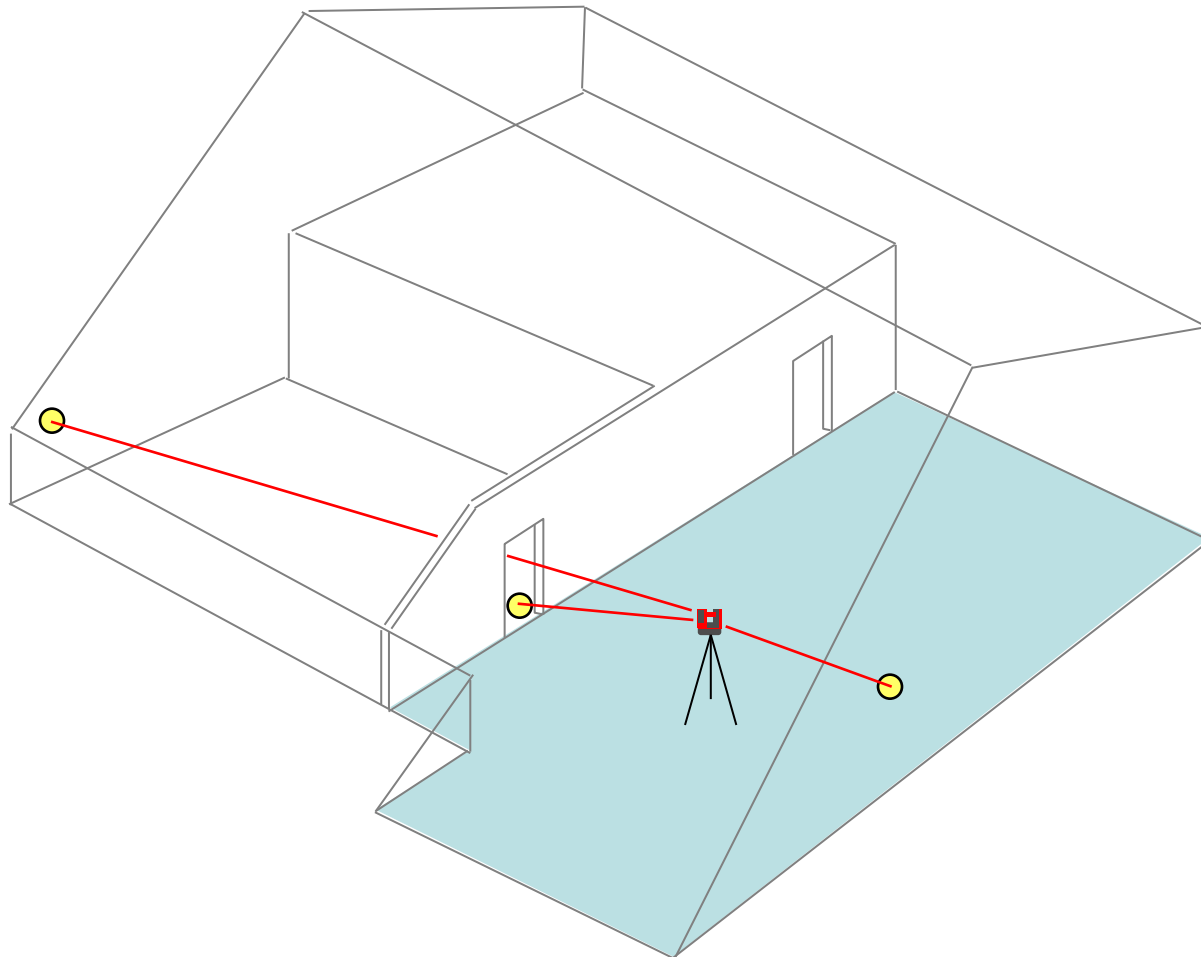
- when it has to be **right**

Relocation

An indoor exemple

Secure Location

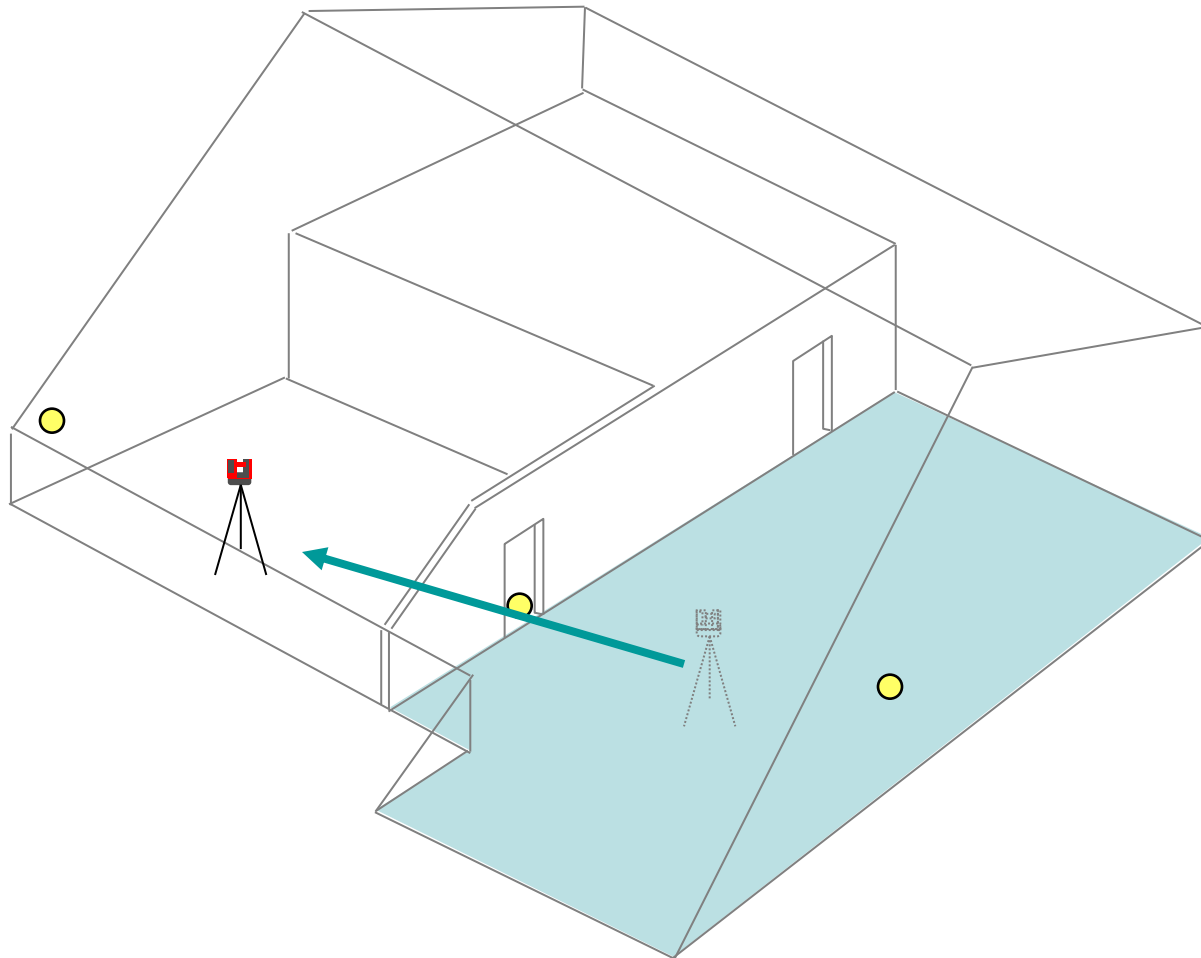
3



- when it has to be **right**

Relocation

An indoor exemple



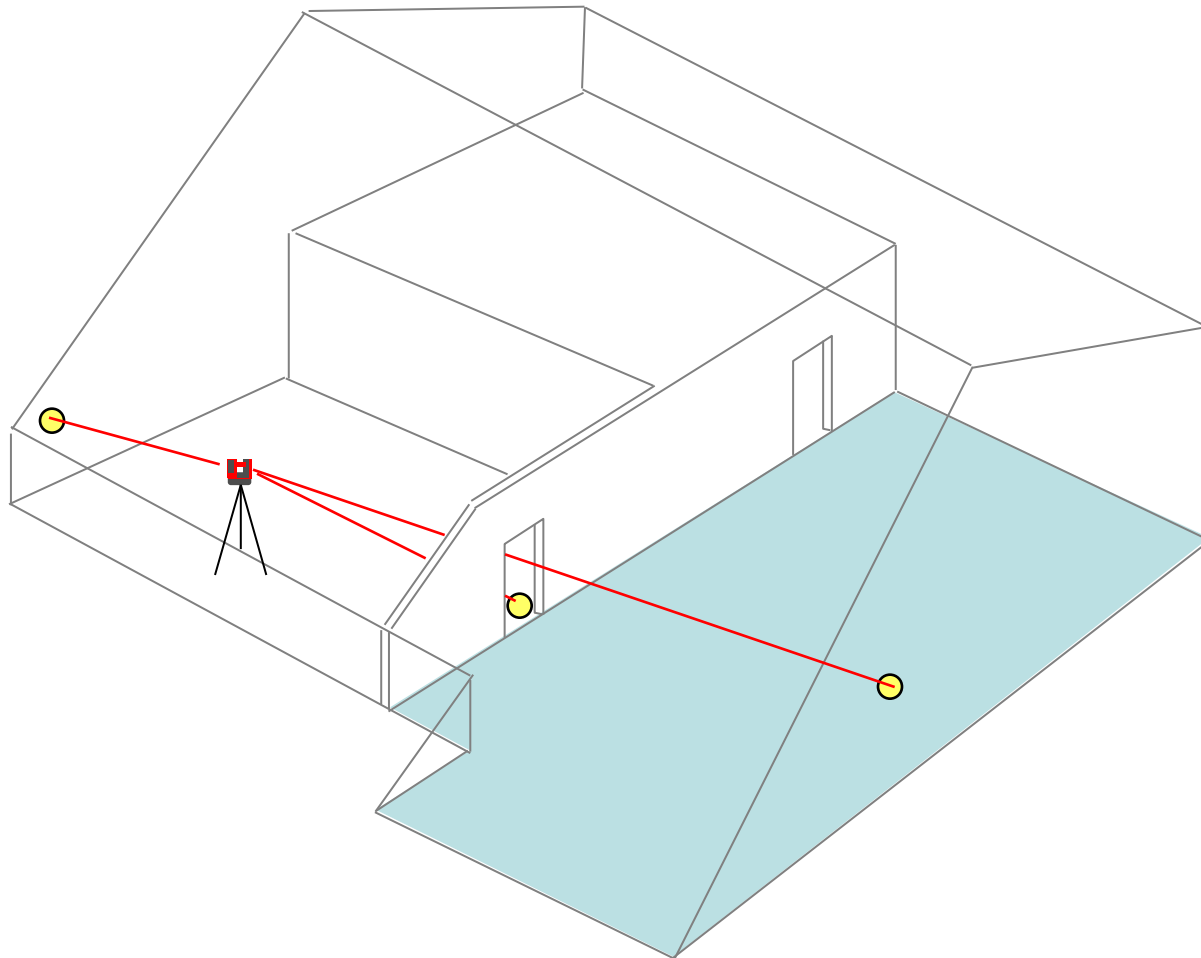
- when it has to be **right**

Relocation

An indoor exemple

Relocation

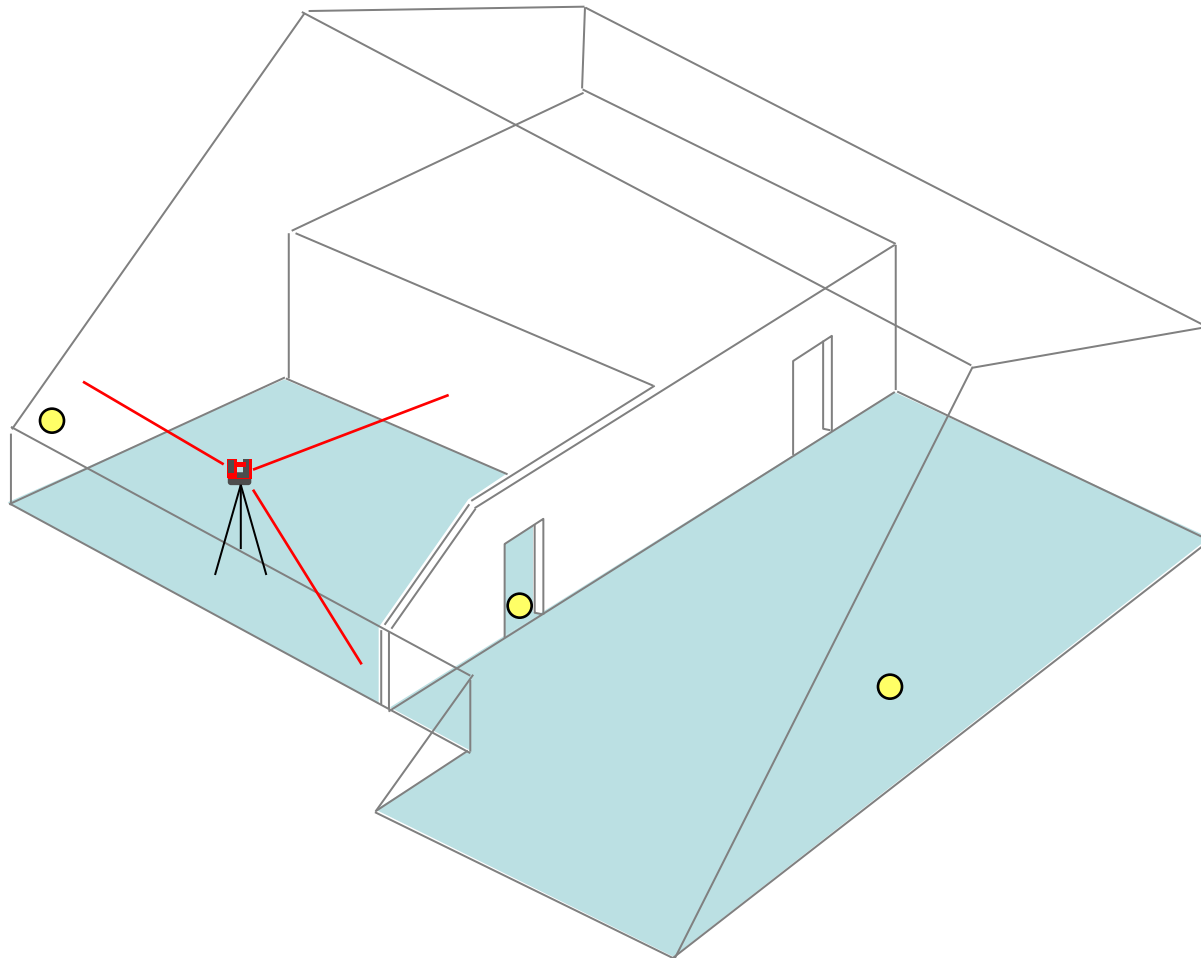
5



- when it has to be **right**

Relocation

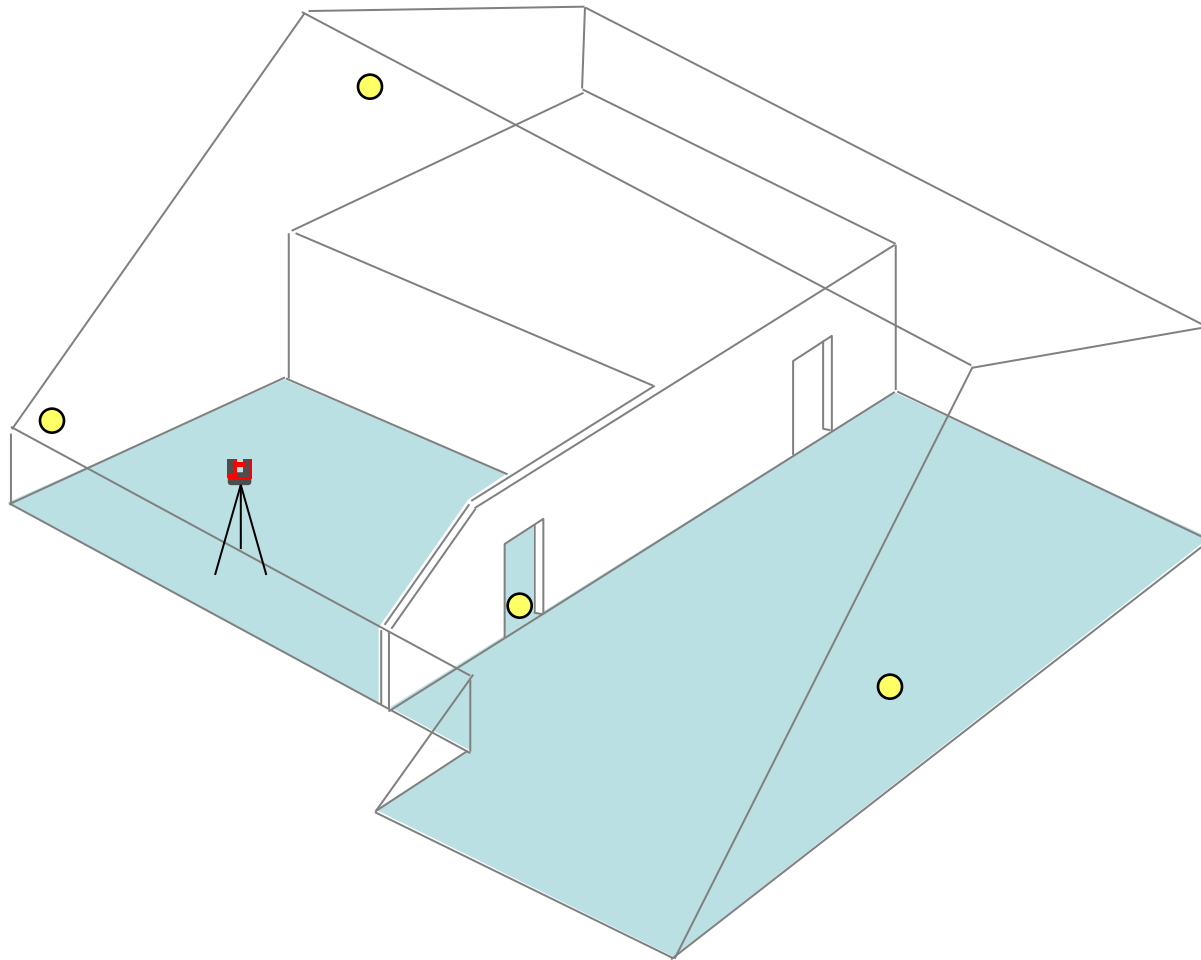
An indoor exemple



- when it has to be **right**

Relocation

An indoor exemple



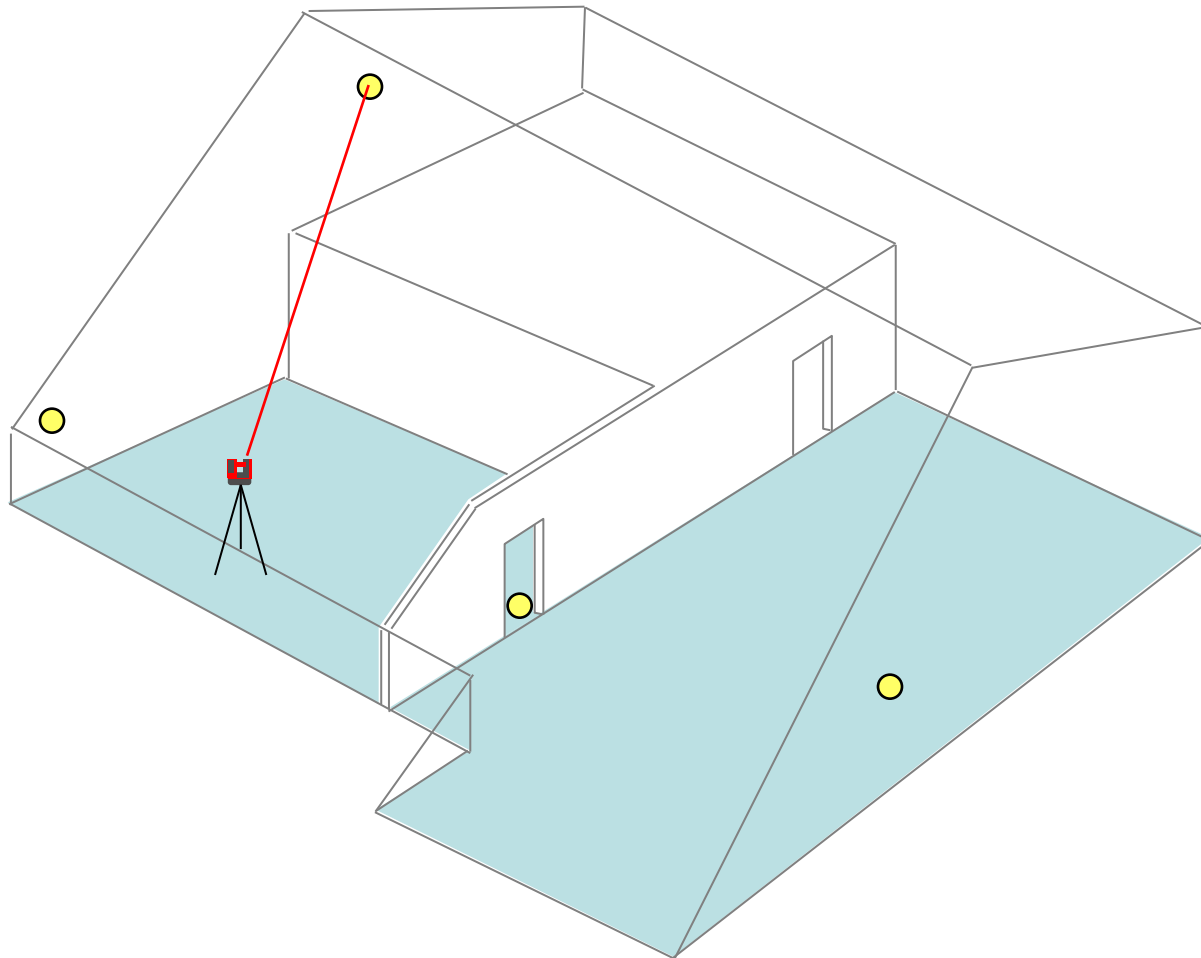
- when it has to be **right**

Relocation

An indoor exemple

Secure Location

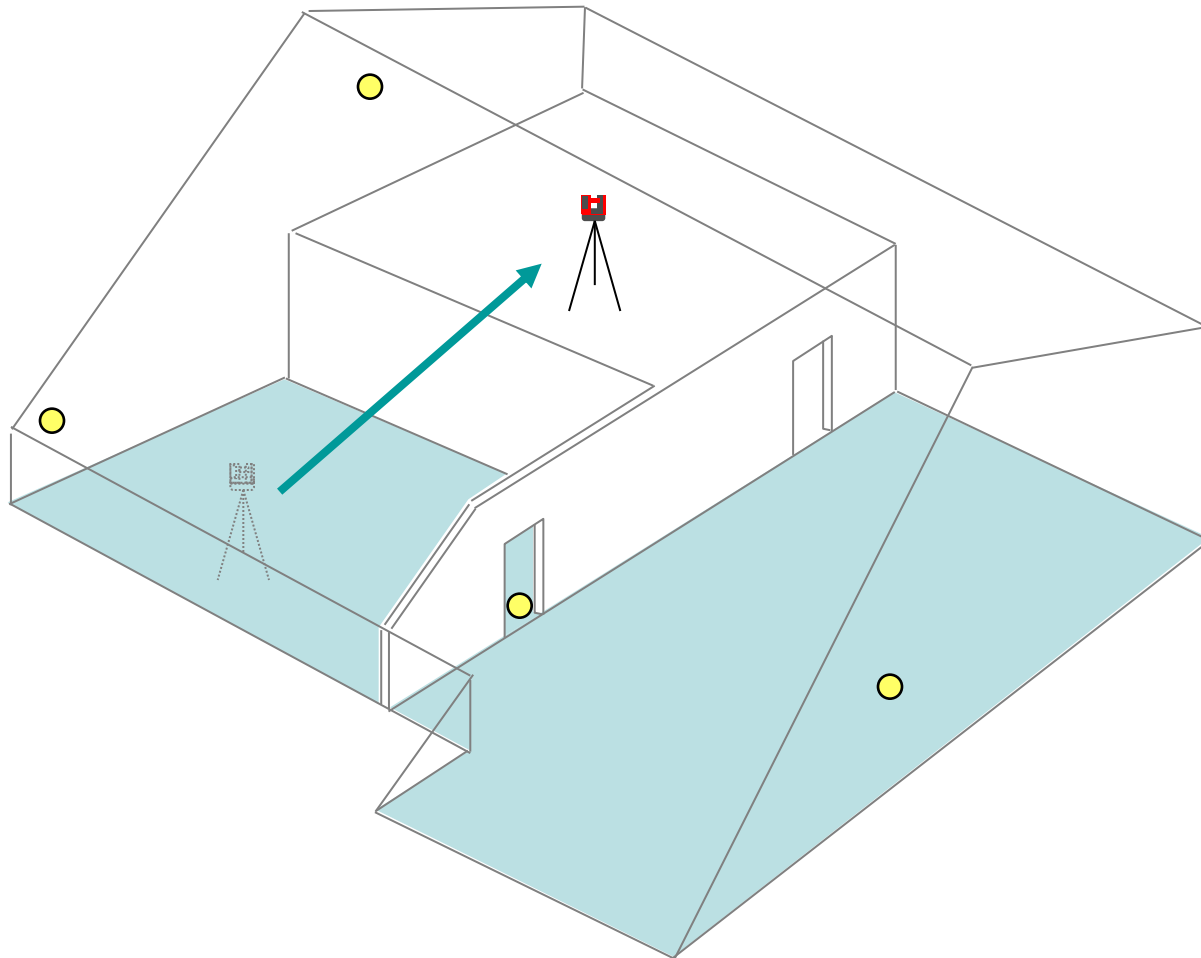
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- when it has to be **right**

Relocation

An indoor exemple



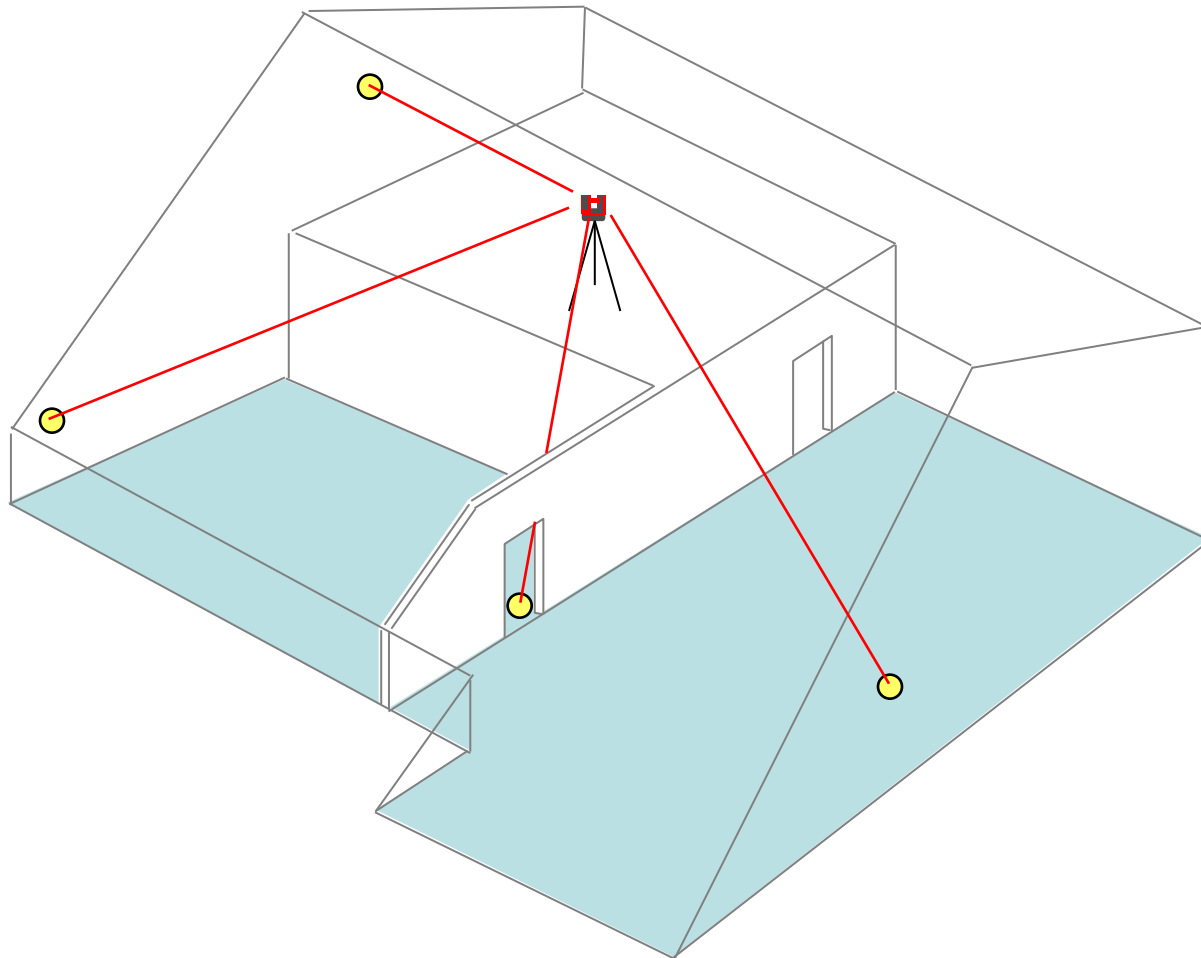
- when it has to be **right**

Relocation

An indoor exemple

Relocation

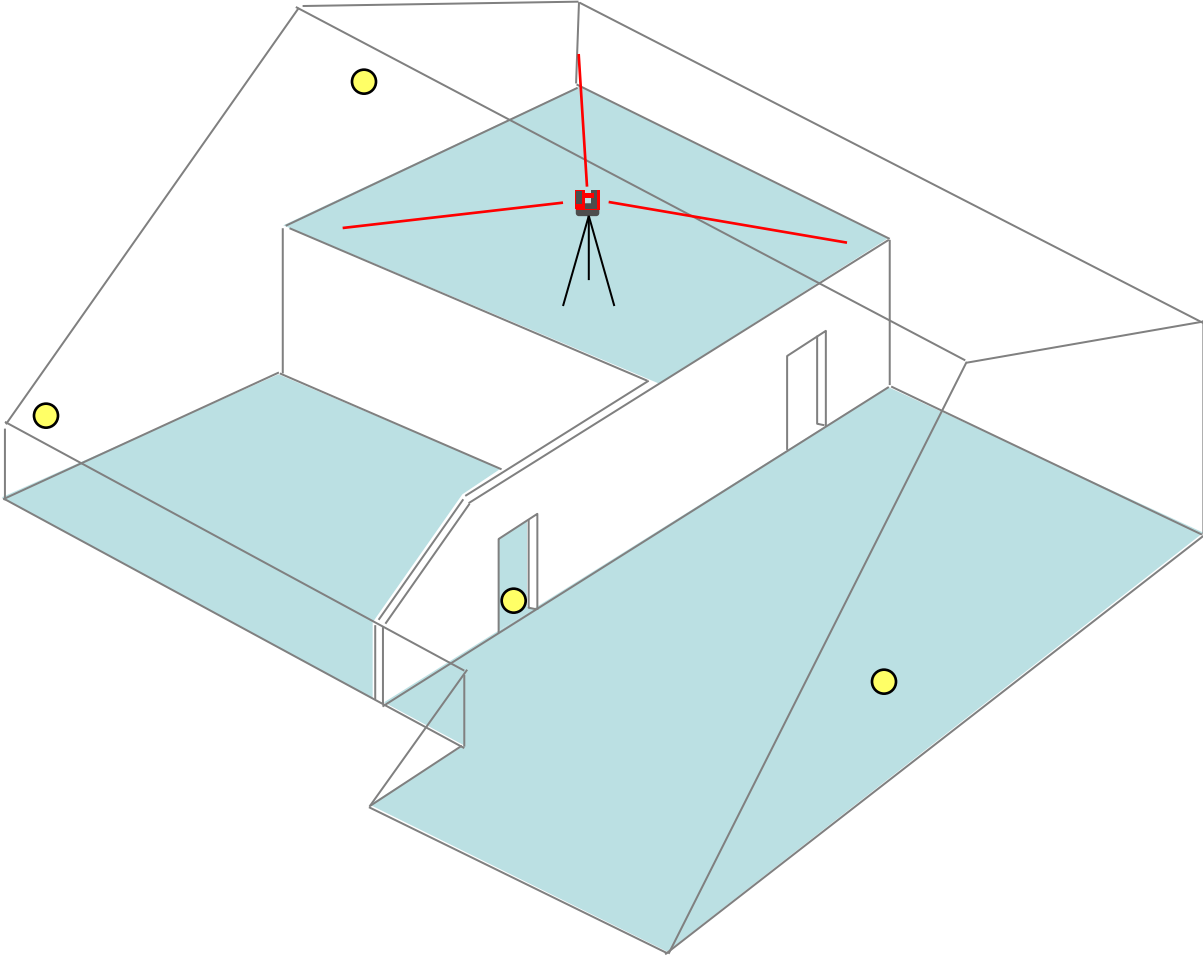
10



- when it has to be **right**

Relocation

An indoor exemple

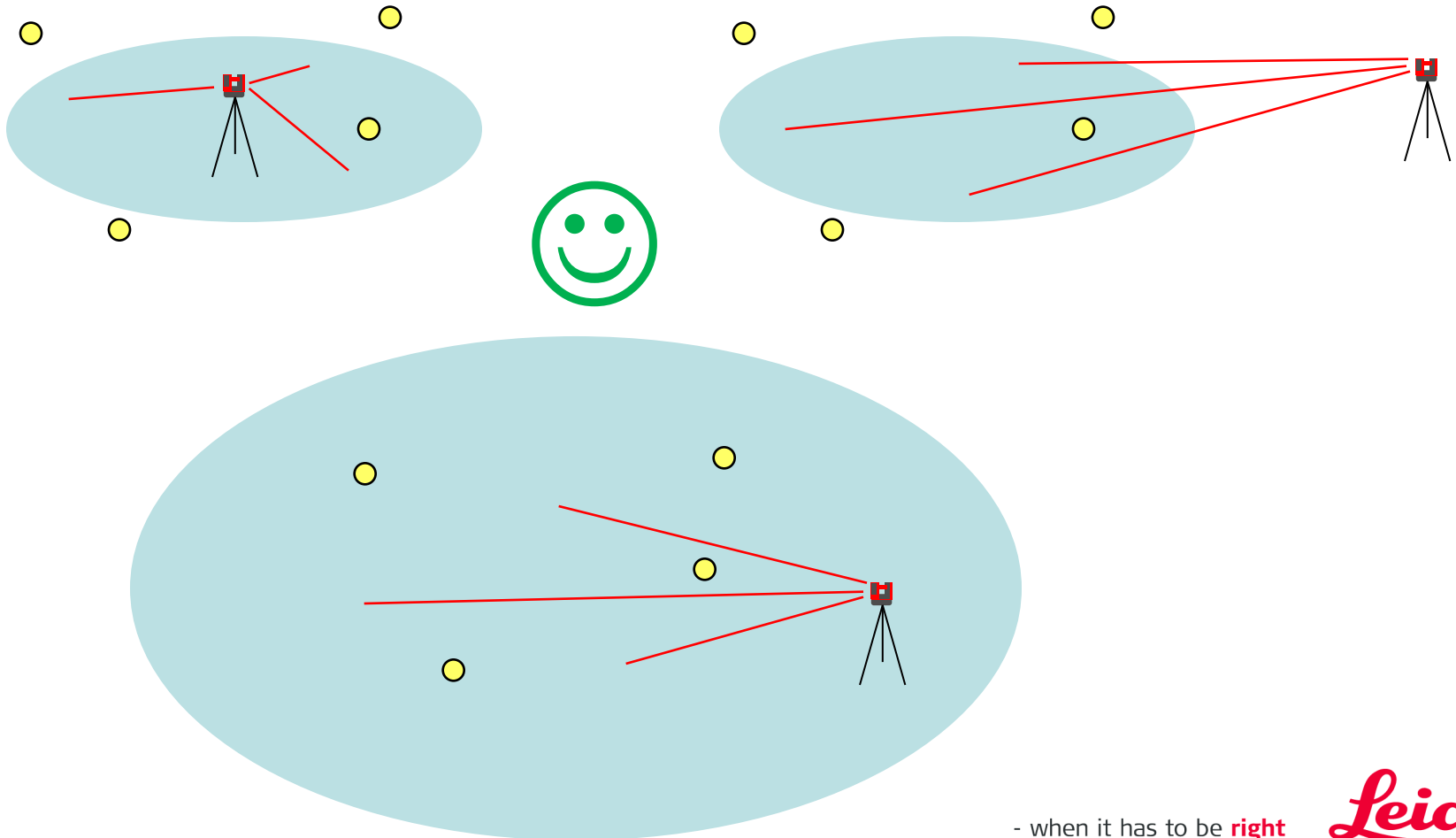


- when it has to be **right**

Relocation

How to get best results

Secure Points should always be around the object you measure

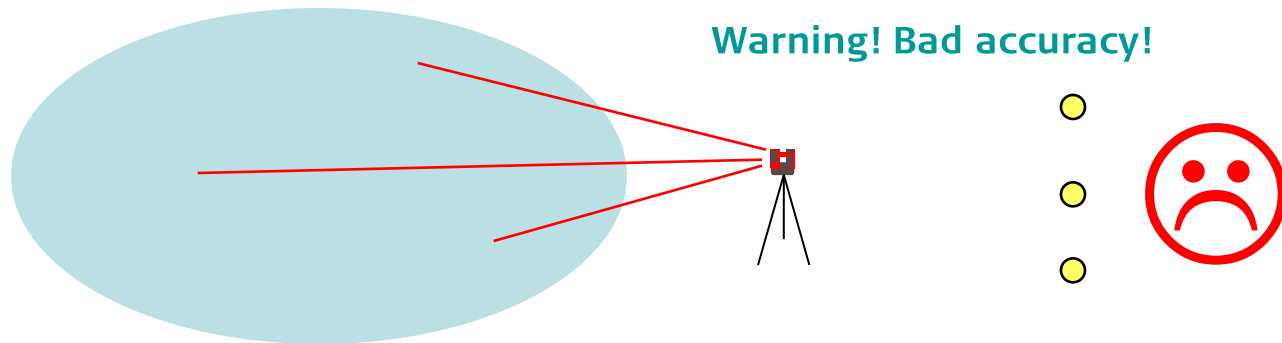
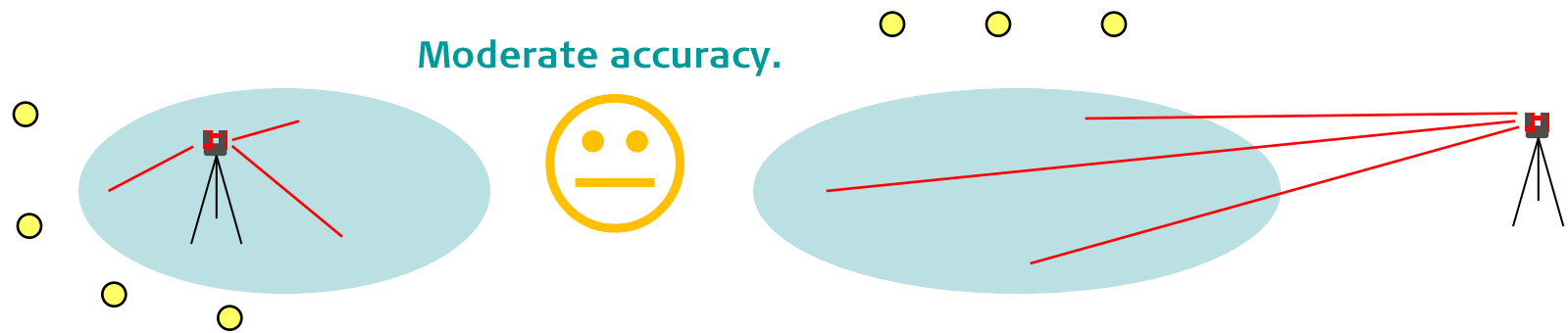


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Relocation

How to get best results

Secure Points should always be around the object you measure

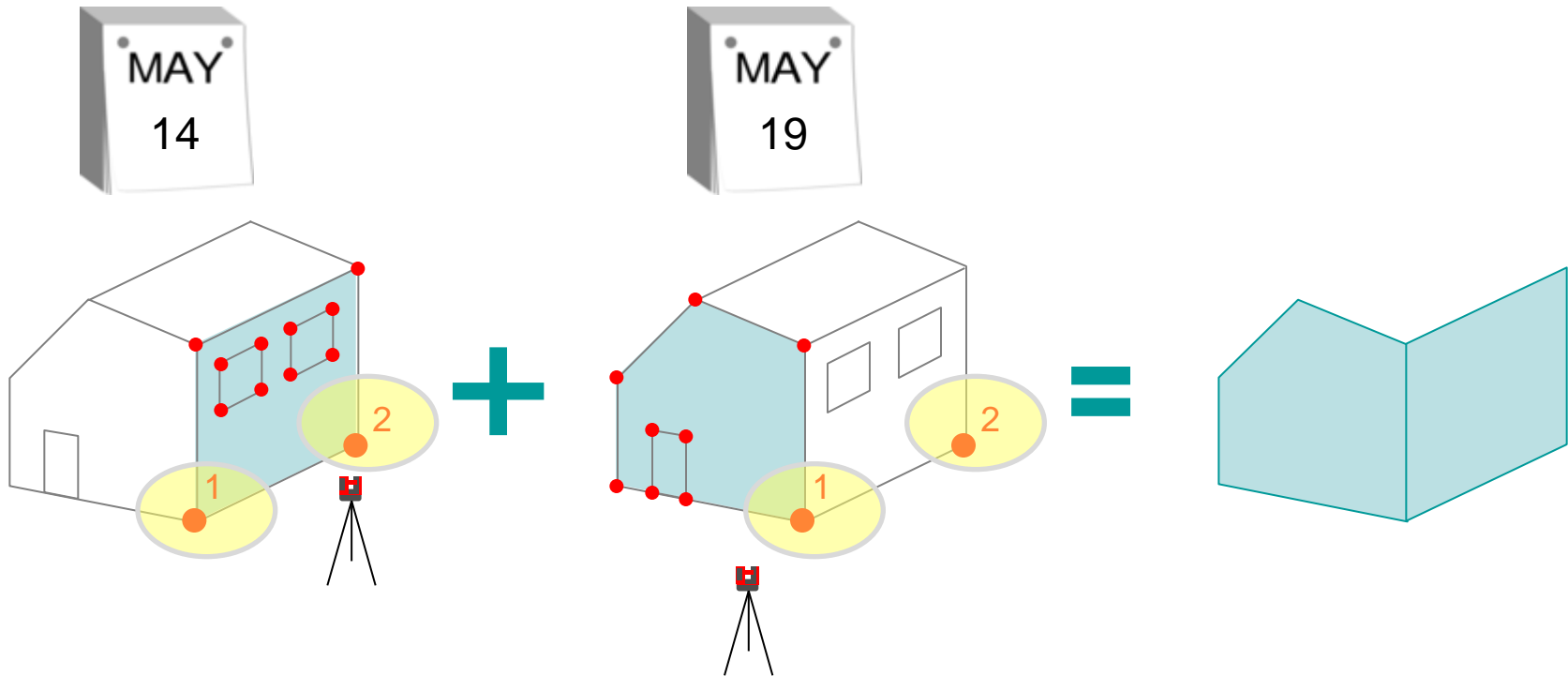


- when it has to be **right**

Relocation

What if I forgot "Secure Location"?

→ to fit your measurement to a previous one, start the new measurement with the same first two points. This generates identical coordinates:



- when it has to be **right**

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