Target Plate TPD 100
The aiming support for DISTO™ Digital Pointfinder

1st June 2017, Markus Hammerer

- when it has to be **right**

Leica
Geosystems

The challange

- **You need to measure to a land mark?**

- **You need to measure over a long distance to a fixed position?**

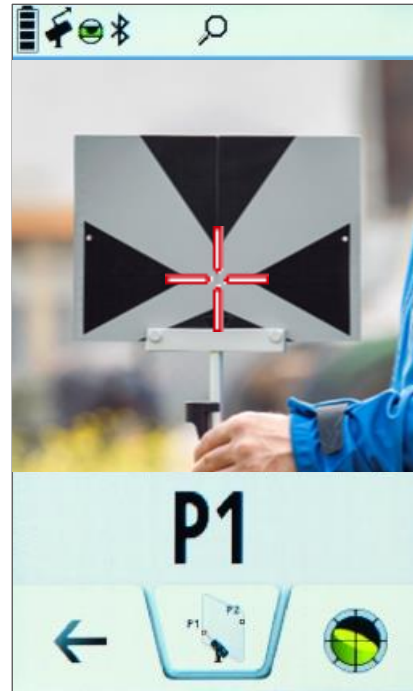- **You need to measure in bright light condition (sunlight)?**

- when it has to be **right**

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The solution
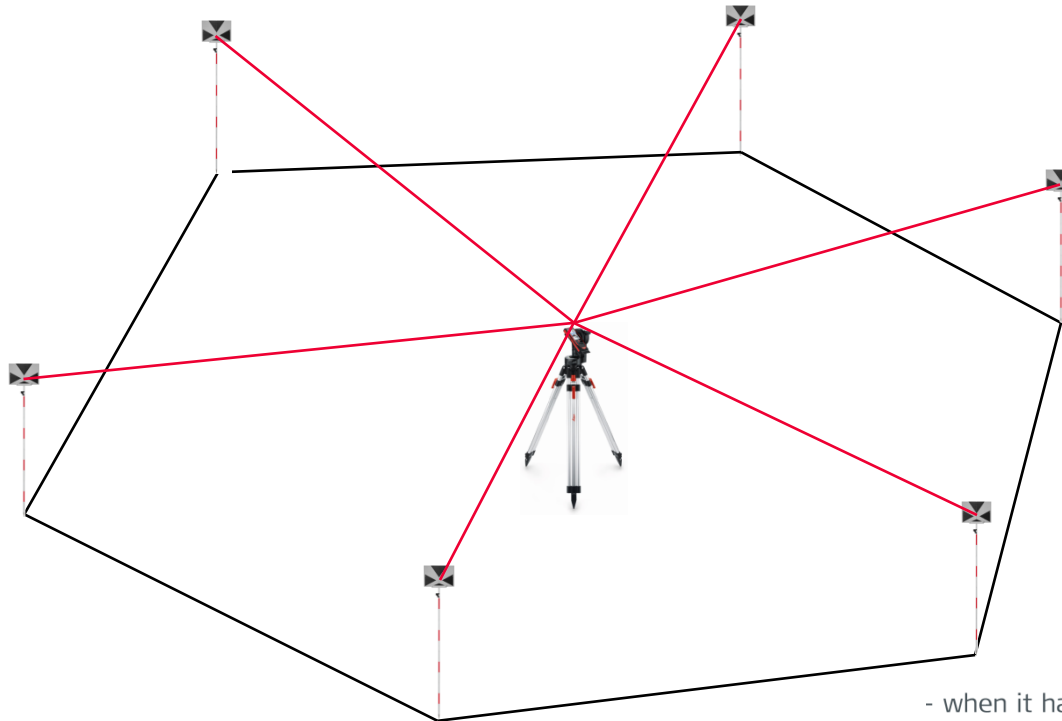## Leica TPD 100

- when it has to be **right**

The solution
Leica TPD 100

- **Pattern on target plate enables to align to the center of the target plate even over longer distances of up to 100m!**

- when it has to be **right**

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Application
E.g. Land Surveying for Gardening and Landscaping

- **For the new design of a garden the actual situation including heights should be measured**

- **Use the dxf-data capture function of the Leica DISTO™ S910**

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Application
E.g. Land Surveying for Gardening and Landscaping

- **All measured points are referenced to the 1st point (0/0/0). This means that the height of the target and the instrument set-up height have no influence to the measurements, unless it is not changed during the measurements**

- **The 2nd measured point defines the x-axis**

- **Up to 30 points can be measured per dxf-file**

- **20 files can be created in the Leica DISTO™ S910**

- **Continueing to measure by re-measuring point one and two allows to extend the over all captured points per site**

- **The created dxf-files (3D and top-view (2D)) can be opened in any CAD system**

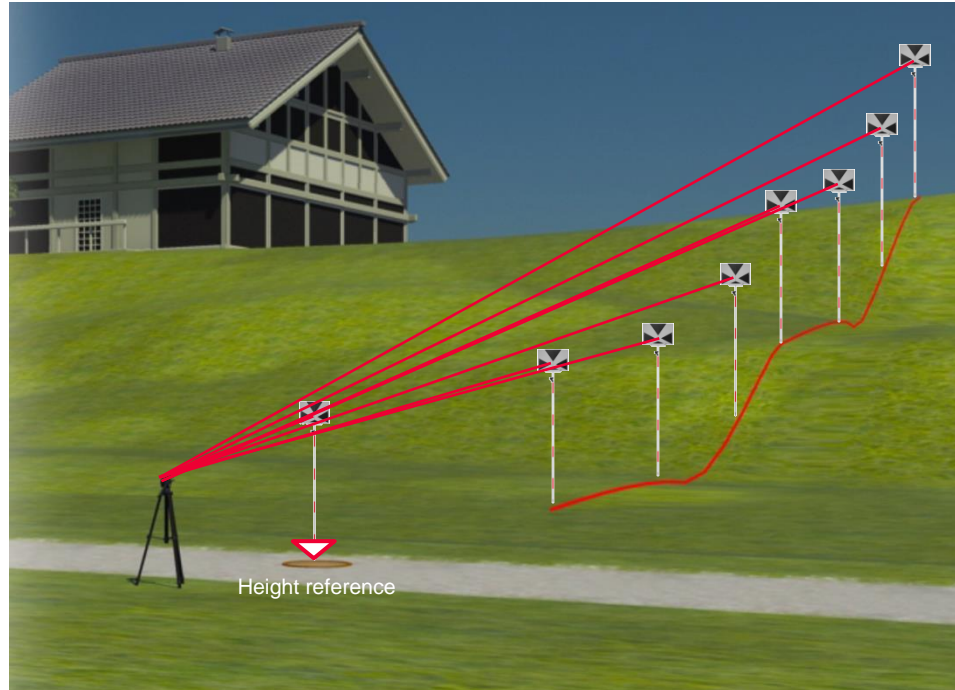- when it has to be **right**

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Application
E.g. Architecture

- **For the construction of an object the elevation profile of a land area must be captured.**

- **Use the height profile function of your Leica DISTO™ D510 and D810 touch or the dxf-data capture function of your Leica DISTO™ S910.**

- **For the profile function all measurements must be aligned, for the dxf-data capture function the profile can be measured from any point.**

- **The first measured point defines the reference height so no influence of target or instrument height either). For any device this reference must not be aligned to the other points!**

- when it has to be **right**

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Application
E.g. Land Surveying for Gardening and Landscaping

Height reference

- when it has to be right

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Application
E.g. Land Surveying for Gardening and Landscaping

- when it has to be **right**