MEASURE

AUTO SYSTEM CALIBRATION

Zactrack Smart is able to perform a complete independent Measuring algorithm. It is a very easy and fast process. The system is performing a mesh ranging procedure and gets all distances between the zactrack components.
The zactrack resolver uses these informations and calculates the positions of the anchors according to the Puck positions. The Puck Positions define your coordinate system.

Open the Zactrack App and go to ***Points***

Tap on the ***System Calibration*** *button*

You can choose between ***Reinitialize System (Auto)*** *or* ***Reinitialize System (Measure)*** *or* ***Reposition Anchors (Auto)***

- Reinitialize System (Auto) will do a complete new Setup with a new coordinate System using Mesh ranging technology.
- Reinitialize System (Measure) will do a complete new Setup with a new coordinate System using Manual Measuring tool. Leica
- Reposition Anchors (Auto) will only reinitialize the position of the anchors and does no changes in the coordinate system.

The system lists all connected Anchors. If not check cable connections.
→ In case of an error message check: Something went wrong?

For the mesh ranging there have to be 4 points on the floor necessary. In default these four points are the pucks.
→ In case of an error message check: Something went wrong?

In the Advanced Mode it is possible to use other trackers for the system calibration.

The system guides you to position the four pucks.

The system is doing the Mesh ranging procedure.

→ In case of an error message check: Something went wrong?

After collecting the data the system is calculating the positions. The resolver tries to find the best solution. There can be more attempts and a lot of iterations

A green value means a good result.
→ If there is a yellow value ore an Error Message check: Something went wrong?

The anchor status are now red. Upload Show 

Succesfully Set Up!