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Application Software Update for Leica Absolute Trackers AT930/AT960 System Software 1.3.0

Product Line

Herewith we inform you about the compatibility of Tracker Firmware version 1.3.0 with the different application software packages and relevant improvements in the most recent versions.

Who should read this Support News?

All support, sales and service staff.

SpatialAnalyzer

SA 2016.08.10 and higher supports Tracker firmware version 1.3.0. Current version is SA 2016.09.01.

Main improvements in SA 2016.09.01:

- Faster point-and-lock procedure for AutoMeasure
- T-Scan Collect v.10.34 is supported.
- In automation mode, when calling the MP command "measure", was not working if a T-Mac with touch trigger was in use. Now, just call the "Set External Trigger For TMAC-Touch Probe" MP command first in this case. It sets the LMF TouchTrigger profile active and calls StartMeasurement for the touch trigger.

For detailed information please refer to [What's New in SA 2016.09.01.pdf](#)

PC-DMIS

Current Leica tested/recommended version: PC-DMIS 2016.0 SP1. Supports Tracker firmware version 1.3.0, but by default LMF.dll version 1.2.0.4551 is installed.

Main improvements since 2016.0 SP1:

- Multiple T-Probe Button assignments (short/long press) available with the AT960 now
- Bug fix for Bundle Alignment: An unexpected hit was recorded during a tracker re-initialization as part of the move station process. As a consequence the bundle alignment calculation failed. This has been fixed.

- Bug fix for Automatic Inspection (with DCC mode activated): When the measurement routine was re-executed, and a Load Prove command (e.g. TBR or RRR) was inserted between the measured points, the points were not measured.

For detailed information please refer to [PC-DMIS 2016 Release Notes.pdf](#)

Polyworks

Polyworks version 2016 IR5 supports Tracker firmware version 1.3.0.

Main improvements since 2016 IR4:

- Includes the latest LMF DLL version 1.3.0
- Shank measurements have been improved
- Faster lock-on process for probing and scanning.

For detailed information please refer to [Polyworks Intermediate Release Notes.pdf](#)

Metrolog X4

Metrolog X4 V6 SP1 supports Tracker firmware version 1.3.0

When using AT960 with T-Probe, it is strongly recommended to use V6 GA HF2 or higher.

Main improvements since V6 GA:

- Possibility to associate a program execution to a dedicated macro button in a toolbar
- Possibility to create the robot tool (T-Scan / T-Mac / ...) from Metrolog X4 simulation catalog
- Possibility to shutdown the tracker with a Metrolog X4 software command
- V6 GA and higher supports Windows 10.

For detailed information please refer to Metrologic Extranet: <http://extranet.metrologic.fr/>

Questions

For further information, please contact our technical support: support.tracker@hexagon.com