- when it has to be **right**

Leica Geosystems
Release Notes

Product	Leica RTC360 and RTC360 LT
Date	27th March 2025
From	TLS Hardware Product Management

Leica RTC360 3D Laser Scanner - Firmware v7.0

These Release Notes contain important information about the new Leica RTC360 firmware v7.0.

The new firmware can be obtained from your local Leica Geosystems Selling Unit or can be downloaded from the myWorld Customer Portal: myworld-portal.leica-geosystems.com.

WHAT'S NEW

1. Support of targeting in Leica Cyclone FIELD 360 app

This firmware supports the target fitting functionality in the new version v6.0.0 of the Cyclone FIELD 360 app. Target centre coordinates as picked in Cyclone FIELD 360 are processed based on full scanner raw data and returned to the app for further geo-referencing workflows.

Target coordinates and geo-referencing results from Cyclone FIELD 360 are stored in the scan project on the inserted USB stick for further processing in the new version v2025.0.0 of Cyclone REGISTER 360 PLUS office software.

Supported target types are:
- Leica 4.5" B&W target (by automatic target centre fitting)
- Leica 6" B&W target (by automatic target centre fitting)
- Natural targets (by picked point)

2. Improvement of LWPO data to support Floor Flatness / Floor Levelness (FF/FL) workflow in the Cyclone FIELD 360 app

The LWPO data has been optimised so that it can be used for in-the-field results of the new Floor Flatness / Floor Levelness (FF/FL) workflow in Cyclone FIELD 360.

FIXED BUGS

1. An internal EDM WFD calibration issue has been fixed.

2. An internal firewall activation could lead to a communication issue. This has been fixed.

FIRMWARE INSTALLATION

- The new firmware v7.0 can be installed on any Leica RTC360 or RTC360 LT laser scanner, independent of any previous firmware version.

- Compatibility with Leica Cyclone REGISTER 360 PLUS
  - Cyclone REGISTER 360 PLUS v2025.0.0 or higher is required to import FW v7.0 data.

- Compatibility with Leica Cyclone FIELD 360
  - Cyclone FIELD 360 v6.0.0 or higher is required.