- when it has to be right

Leica FlexField v2.50
Software Release Notes

Product	Leica FlexField TS03, TS07
Release date	13th July 2022
Maintenance date	1st June 2022
Available in myWorld	CW29 2022 onwards https://myworld.leica-geosystems.com/irj/portal

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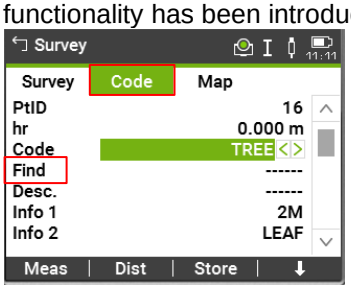
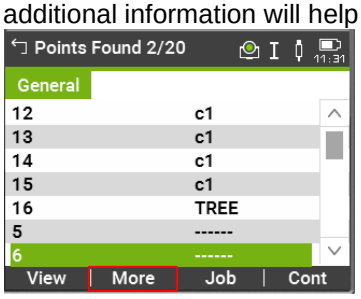
1. Summary of Leica FlexField Software Files

The Leica FlexField software version 2.50 can be loaded onto all TS03 and TS07 with a CCP license valid until at least 01.06.2022.

File name	Build no.	Maintenance date
FlexField.fw	2.50.86	01.06.2022

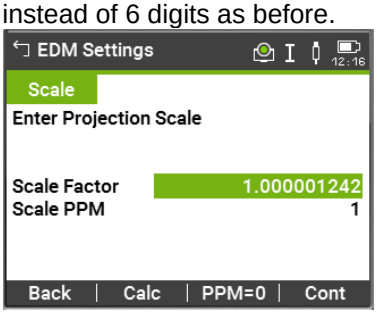
2. What is new in FlexField v2.50

New Code tab with code search functionality within the Survey app	In FlexField version 2.50, a new code tab with code search functionality has been introduced within the Survey application.  Until now, the code was displayed in the Survey tab and additional code information could only be accessed by entering sub menus. The new code tab allows to show all code information in one page and additionally to do a code search. By entering the code or code parts in the Find field, a wild card search -as for points in the Setout app- will be executed that helps to quickly find a code.
Code information in Setout app	With FlexField version 2.50, the code belonging to a point is shown after a point search in the Setout app, when pressing More. This additional information will help to faster identify the point to set out. 
Support of component replacements	The software version 2.50 does support a component replacement on newly produced instruments. Therefore, TS03 and TS07 instruments containing that component cannot be downgraded to an earlier FlexField version.

3. Leica FlexField Software Improvements

Projection Scale with more digits

In Flexfield version 2.50, the projection scale factor gets shown with 9 instead of 6 digits as before.



PIN entry field not visible

When the TS gets shutdown from the Windows menu, it might have happened that the PIN entry field is not visible but hidden on the next start up. This issue has been resolved in FlexField v2.50. The PIN entry field is now always visible if the PIN protection is active, no matter from which menu the sensor was shutdown.

LOC8 device ID mismatch

If a TS03 or TS07 is equipped with the LOC8 theft deterrence and location device, Leica FlexField occasionally shows the error 'LOC8 module device ID does not match'. After this error is shown, the Total Station shuts down.

With Leica FlexField v2.50, this issue is resolved.

4. Obtaining and loading the new software using myWorld

It is strongly recommended to use myWorld to load the new software to the TS03 and TS07.

4.1. Online firmware update from myWorld

Once your instruments have been registered in myWorld, connect the hardware to your PC, navigate to your products page in myWorld and follow the on-screen instructions. The latest software versions will be loaded as required. A SD card or USB stick need to be inserted into the total station.

4.2. Manual download of the firmware file from myWorld

If you prefer not to use the myWorld online update, it is also possible to "manually" load the new software – in this case, please carefully read the notes below.

1. Insert your SD card or USB flash drive into your PC or card reader and copy the necessary file to be uploaded to the instrument to the **System** directory of the used memory device. This can be done with Windows Explorer or any other suitable PC software.
2. Insert the SD card or USB flash drive into the TS03/07 instrument and turn on. Ensure the battery is fully charged.

3. From the main menu, choose **Settings,** enter the Tools tab and select **Load FW** and then choose **F1 Firmware**. The **Select File** screen is now visible.
4. Select the firmware file and press **F1(CONT)** – a message will appear that need to be confirmed pressing **F4(Yes)** to begin the loading process.
5. The loading process will take a few minutes and the Total Station will restart during the process.