

· when it has to be **right**

Leica
Geosystems

Leica Geosystems Release Notes

Product Leica FlexField
Date 13th August 2015
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We are very proud to announce the release of the next version of the FlexField FW v5.0
This version includes significant improvements and new functionalities. This release is an important step to cover the needs of our customers.

1. What is new in this release v5.0?


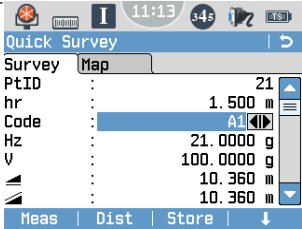
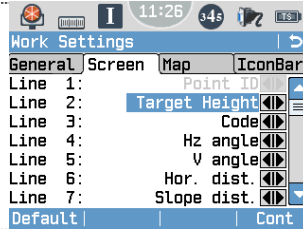



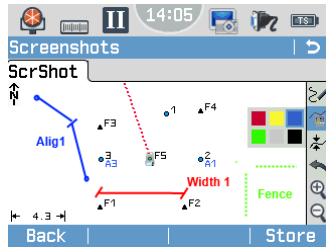
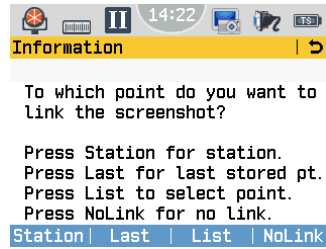
FlexField plus Onboard Firmware improvements



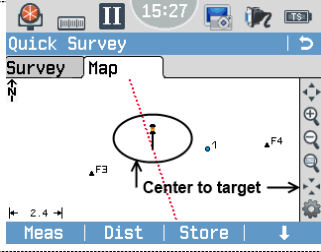
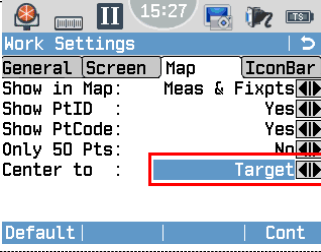

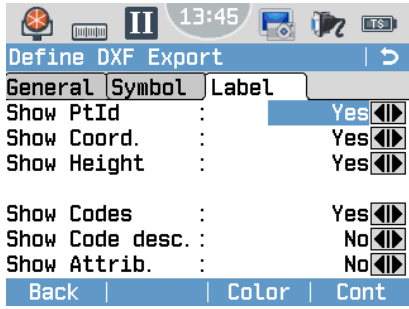
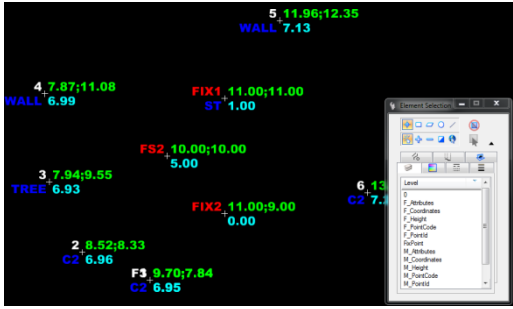

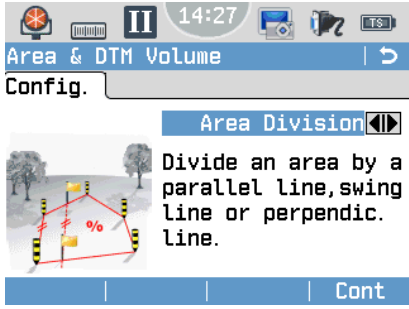
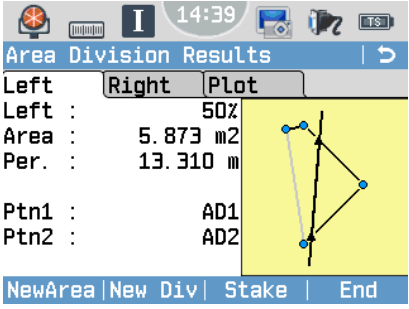

Note: The FlexField plus onboard Firmware improvements are described for the TS09plus with its Colour & Touch display. Most of the improvements are also available for the TS02plus and TS06plus with their monochrome displays.

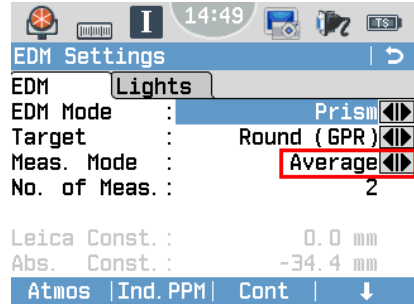
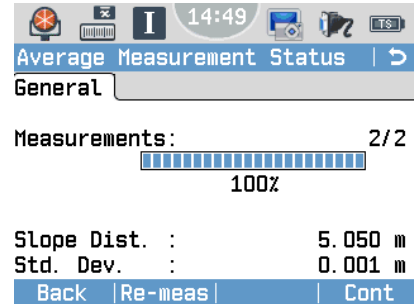
2. What is new in this release v5.0?


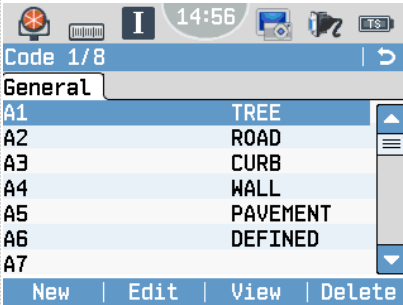
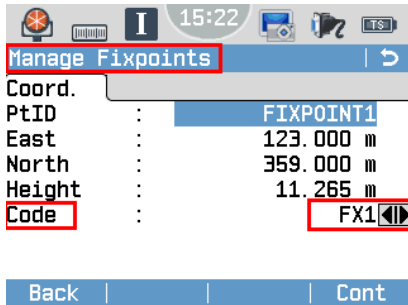


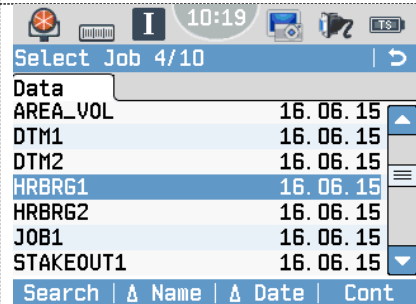

FlexField plus Onboard Firmware improvements

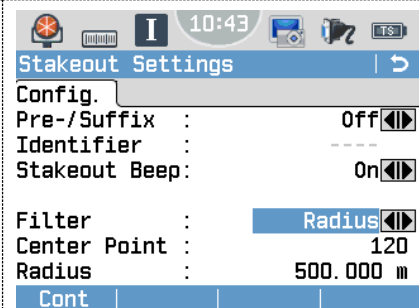
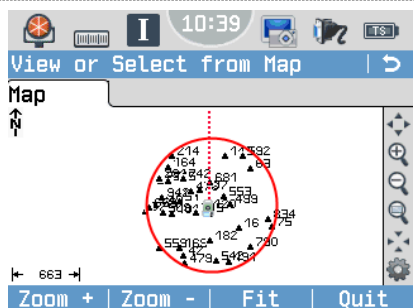
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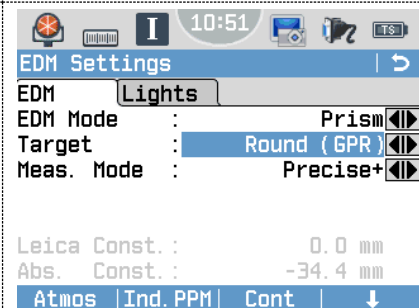
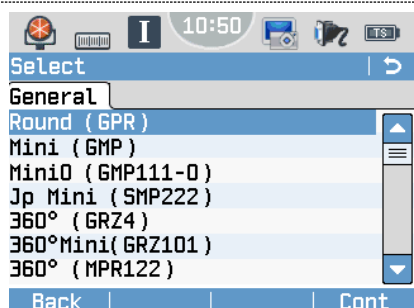
<p>Survey & Quick Survey</p> 	<p>New simplified tab distribution on Survey & Quick Survey menu, which is now more user-friendly. This in turn will increase the user's productivity. Define the command lines as you prefer, and make use of the new scroll bar, moving easily from the top to the bottom of the screen.</p>
	<div style="display: flex; justify-content: space-around;">   </div>
<p>New Sketching functionality</p> 	<p>Click on  icon bar and take a screenshot of the map, then add notes via stylus 'sketching'. The screenshot, along with the sketching notes will be stored either with a link to a station or a point or without any link. Sketching functionality is only available for instruments with Colour & Touch display.</p> <p>Tip: Click In Work settings – Icon bar, configure  in one of the 6 available slots.</p>
	<div style="display: flex; justify-content: space-around;">   </div>

<p>Mapview improvements</p> 	<p>Tracking the prism or station position is now easier than ever. Click  icon to pan around the screen, centering either to the target or the station.</p>
	<div>   </div>
<p>Enhanced DXF data export</p> 	<p>New re-structured DXF export. Fully customizable export data. PtID, codes, coordinates etc. are displayed in your CAD platform and classified via layers. Hide or display info according to your needs. Text is no longer overlapping, allowing you to visualize your data as you please.</p>
	<div>   </div>
<p>Area Division</p> 	<p>Get familiar with the improved Area & Volume tools. Now, with Area Division, you can divide an area by a parallel, swing or perpendicular line. The new user friendly interface, allows the user to easily perform area computations.</p>
	<div>   </div>
<p>Distance Averaging</p> 	<p>Increase the accuracy and optimize the workflow with the new 'Average' measurement mode. It is possible to define the number of measurements to be executed. Results of the measurements will be averaged and stored as a single measurement in the database.</p>

	 <p>EDM Settings ></p> <p>EDM Lights</p> <p>EDM Mode : Prism</p> <p>Target : Round (GPR)</p> <p>Meas. Mode : Average</p> <p>No. of Meas. : 2</p> <p>Leica Const. : 0.0 mm</p> <p>Abs. Const. : -34.4 mm</p> <p>Atmos Ind. PPM Cont ↓</p>	 <p>Average Measurement Status ></p> <p>General</p> <p>Measurements: 2/2</p> <p>100%</p> <p>Slope Dist. : 5.050 m</p> <p>Std. Dev. : 0.001 m</p> <p>Back Re-meas Cont</p>
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<div>Improved Codelist</div> <div></div>	<div>Code access is more efficient, faster and intuitive. Code is now displayed with a dropdown list structure. Just click & edit. Accessing “Code functionality” is easier from the Q-Survey & the Survey menu. Fixpoints now also have code capabilities.</div>
	<div><div></div><div></div></div>
<div>Job menus</div> <div></div>	<div>Looking for just one job out of 100? There is no longer the need to toggle through the  arrows anymore.</div> <div>The enhanced Job menu allows the user to filter by name or creation date with the use of a drop down menu.</div>
	<div></div>
<div>Stakeout buffer</div> <div></div>	<div>The user can filter by Radius or PointID in the Stakeout configuration menu, in order to display a list of points, according to the customer requirements. The MapView tab will also be adapted to this filter, showing only the relevant points.</div>

	 
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<p>Improved EDM menu</p> 	<p>EDM Settings are separated into two tabs 'EDM' and 'Lights'. The new structure allows improved EDM, Target & Measuring mode selection. Click on the menus, in order to view all available options.</p>
	 

3. FlexField plus Onboard Firmware Bugfixes:

- Improved Leica Viva controllers Bluetooth connectivity
- Fixed Manage measurements access from Survey Menu
- Minor bug fixes

4. Update information

FlexField version 5.00 Build 389 can be loaded onto all FlexLine and FlexLine plus instruments with a valid software maintenance contract expiring **1st of September 2014 or later**.

5. Availability

The new firmware will be installed in production with immediate effect while instruments on stock will be shipped with the firmware version 4.0 Build 475. These units can be updated on demand via myWorld (<https://myworld.leica-geosystems.com>) to the latest version.