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LPMaster 5.5.0

Information about LPMaster 1.0

LPMaster is a powerful LiDAR processing and quality assurance software solution designed for use with the Trimble Harrier aerial mapping system. With a focus on ease of use and productivity, LPMaster is fully integrated into the Inpho software line, offering a true end-to-end LiDAR workflow.

Key Software Features:

- Simple to use and learn GUI
- Import of all acquired data of the Trimble Harrier System
- Fast and easy project setup for coverage and point cloud laser data processing.
- Usage of Converge tool in Field and Office
- Digitizing tool for fast and easy marking of strips or areas, which have to be re-flown or analyzed
- Export of vector data to ASCII, *.shp and *.kml for direct reflight planning
- EO-export to external file formats for direct quality control of the aerial images
- EO-export to Inpho Suite project file for direct use in OrthoMaster and OrthoVista
- Merging of precise navigation solution and LiDAR data acquired by the Trimble Harrier System
- Transformation of the data from wgs84 to user defined coordinate system
- 14-parameter transformation for US and Australia
- Easy to use quality analysis and quality control
- Easy to use tools to adjust data in planimetry and height
- Difference image calculation for quality control

- Relief image calculation for coverage and point cloud
- Raster DSM data
- Classification options of data according to echo
- Batch file functionally available
- Different export options to Las 1.2 to Las 1.4.
- Export to full wave las data
- Export to different ASCII formats
- Clipping of data by time and according to predefined polygon files
- Direct connection with the project file to the Inpho Software
- 64 bit Windows 7
- Multithreading

Known problems:

Restriction: Stalled refreshing:

In some cases the refreshing of the status of the data does not happen after calculation. For refreshing save the project, close LPMaster, start LPMaster again load project and all status indicators are updated.

Restriction: Slow data calculation:

In some cases the calculation of data might take up long time even for small data sets. In such cases, it is useful to close all additional software especially all kind of internet browsers.

Restriction: Stalling of computer

Using all available cpus might lead to a stalled computer. To reduce these impacts do not make all cpus available for LPMaster by changing the setting in Options =>Preferences=>Service

Should you have any questions regarding the technical details of software, please contact your Support Team at support@inpho.de.