PHOTOMOD 6.1.1887 — 6.2.2036
Change Log

General

•   New fast and reliable AT algorithm for UAS imagery ("Orientation/ Automatic tie point measurement/ UAS")

•   New easy-to-use PHOTOMOD UAS interface

•   New AT algorithm and a tool of automatic strip-by-strip block layout for oblique images

•   Full GDAL library support

•   New 3D-viewer for LAS data ("DEM/ Load LAS")

•   Ability to calculate dense point cloud in LAS format ("DEM/ Build DEM/ Dense DSM (SGM method)/ Create point cloud (LAS)")

•   Subpixel accuracy of dense DSM (SGM method)

Raster operations

•   Ability to load and save reference radiometry file ("RasterConverter / Radiometric correction / Load correction parameters (Save correction parameters)")

•   Converting images to MegaTIFF format in distributed processing mode ("RasterConverter/ Distributed processing MegaTiff")

•   Filtering images by extension ("RasterConverter / Filter by extension")

Aerial triangulation

•   Automatic splitting oblique data into strips by multiple cameras ("Block/ Split into strips/ Split by multiple cameras")

•   Ability to show adjustment errors by ties on images and sort points based on them ("Block adjustment / Triangulation points list/ Show adjustment errors")

•   Ability to export outline sketches of triangulation points ("Orientation / Tie points list/ Outline export")

Satellite imagery processing

•   Support of KOMPSAT-3 imagery pan-sharpened product

•   Support of KOMPSAT-3A standard 40 cm product

•   Support of DMC-3 / TripleSat (China) imagery

•   Ability to use image georeference while pan-sharpening satellite imagery loading (Pan-sharpening / Use source images georeference option)

Digital terrain models

•   Ability to generate dense point clouds in LAS format for central projection projects («DEM/ Build DEM/ Dense DSM (SGM method)/ Create point cloud (LAS)»)

•   Ability to create DEM from external sources (SRTM) ("DEM/ Build DEM/ Create DEM from external source bounded by current polygon")

•   Ability to filter DEM by image attributes ("DEM/ Filter by image attributes")

•   Ability to hide TIN with a hot key while editing points ("TIN/ On/Off TIN visibility (Ctrl+T)")

Vector editor

- Fast scaling and rotation of vector objects ("Vectors/ Geometry/ Transform/ Rotate (Scaling)")
- Interactive finding out settings of vectors interpolation ("Vectors/ Interpolation/ Thin out polylines, Interpolate, Convolution smoothing")
- Ability to assign heights to vector objects from its attributes ("Vectors/ Attributes/ Assign height from attributes")
- One more tool to smooth vector objects ("Vectors/ Interpolate/ Smooth")
- Ability to copy and paste vector objects in direction selected ("Vectors/ Topology/ Duplicate object")
- New object type in "Roofs" toolbar – Parapet.

Orthorectification

- Ability to fill shadow areas by background colors ("Orthorectification / Parameters/ Fill shadow areas option")

GeoMosaic

- Ability to customize hotkeys ("Service / Customize hotkeys")
- Ability to set up individual coordinate system for every input image ("Images / Project images list/ Set coordinate system for selected images")
- Ability to adjust image global brightness in distributed processing mode ("Mosaic/ Distributed global brightness adjustment")