

**Change Logs**  
**PHOTOMOD 5.23.1416 – 5.24.1472:**

**Core**

- A line with an absolute path of loaded file in a layer information
- Ability to load and save work environment in menu “Project” (Project/Load work environment, Project/Save work environment)
- Support of new type of metadata for frame VisionMap A3 images
- Support of SHP-files import with names and attributes in Chinese language

**Aerial triangulation**

- Button “Point properties” in GCP list and tie points list. Enable to change a type of points, rename its and manage a property of targeting

**Satellite imagery processing**

- Ability to process Canopus-B satellite images
- Ability to create stereopairs manually
- Ability to sort points by name or error in an adjustment report

**Digital terrain models**

- Using pre-regions for automatic computing points. Enables to path each node of grid one time only (speeding up multi-overlap areas processing)
- New form of recording attributes for pre-region vectors (not only a name but also a code of image or stereopair)
- Ability to save DEM as georeferenced raster to external formats
- Option “Use pre-regions” in the window “Create dense DTM”
- Updating algorithm of smooth interpolation for filling void cells in DEM
- New option “DEM/Build/From TIN/Calculate parameters by existing TIN” (enables to accelerate calculations without reinterpolation of already existing parts of DEM)

**Vector editor**

- The templates for fast and convenient vectorization of roofs

**Raster operations**

- Command “Rebuild” MegaTiff pyramids in menu ‘Rasters’
- Ability to load web-maps from the geoportal Kosmosnimki

**Mosaic**

- Sorting images by off nadir angle in menu “Images”
- Option “Sheet number instead of name” for creating standard marginalia in 1: 2 000 and 1: 5 000 scales

**PHOTOMOD GeoMosaic**

- Option “Add to project images with same names” in the window “Service/Settings/GeoMosaic”
- Ability to use file masks with a similar extension when adding images from folders (“Images/Add images/From files (from folder)” and “Images/Add images/From resources (from folder)”)
- In the window “Clouds detecting parameters” the term “Clouds edges smoothing” is replaced by the term “Clouds edges thinning”

- Menu “Tie points” is renamed by “GC/Tie points”
- Ability to manage ground control points and tie points separately from each other in menu and toolbar “GC/Tie points”
- Automatic rereeling of the project images list on a first marked line after putting the button “Select images accordingly active layer” on
- Selecting a first object from a list of marked ones as the current object in the window “Project images list” after putting the button “Select images in active layer” on
- Command “Refresh” for recalculating amount of cutlines on marked images in the window “Project images list”
- View of amount of active sheets in the status-bar of the window “Project images list”
- “Affected area” parameter for ground control and tie points
- “Off-nadir angle” column in “Images list” window (for satellite images orthorectified in PHOTOMOD Mosaic)
- Sorting capability in “Images list” window

#### **Distributed processing**

- A window of progress for distributed building cutlines in GeoMosaic
- Option “Distributed pyramids creation” in menu “Images” in GeoMosaic
- Option “Distributed global brightness adjustment” in GeoMosaic

#### **Utility**

- Ability to test HASP (“License info/Test HASP”)