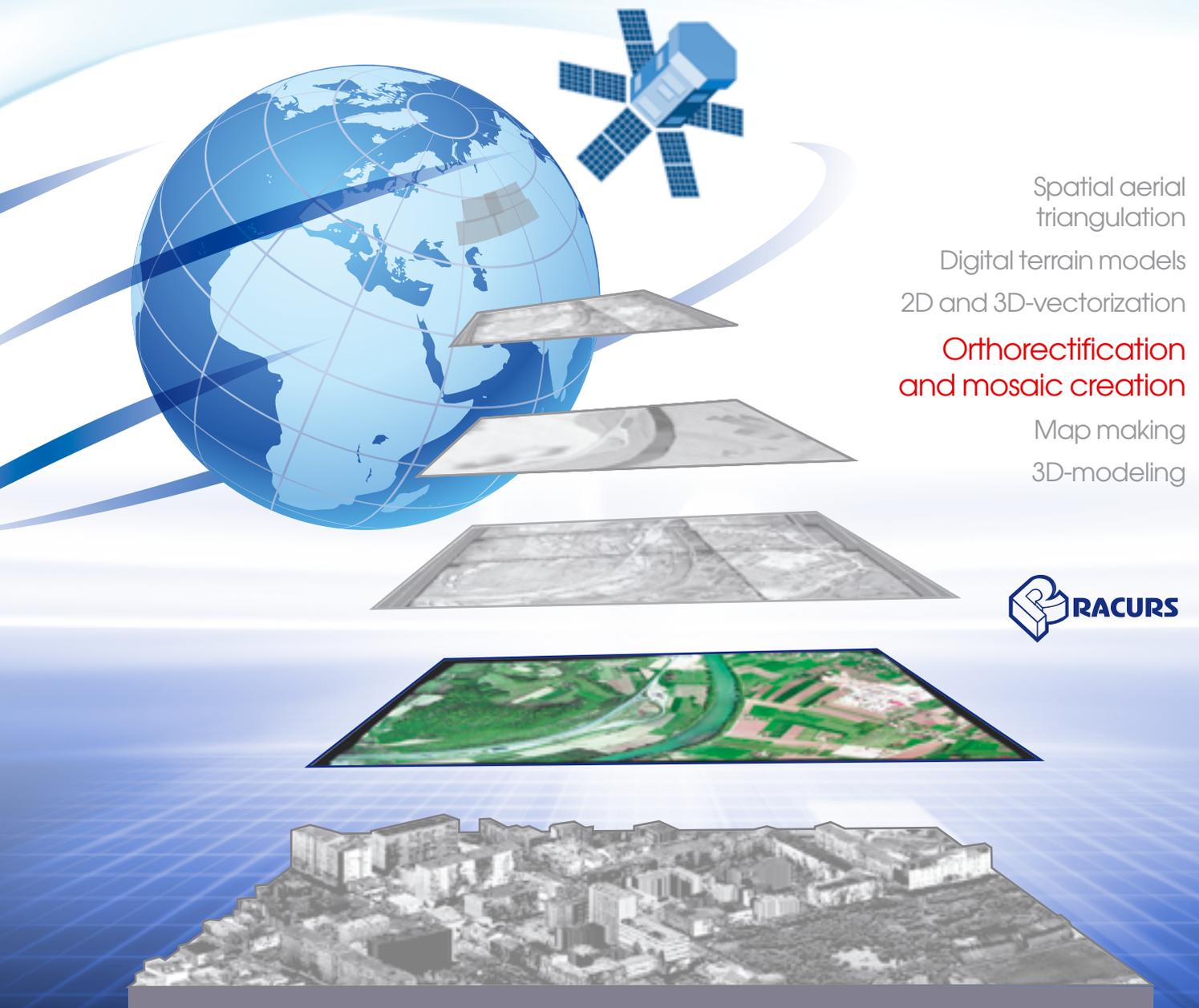


PHOTOMOD

GeoMosaic

Combining georeferenced images



PHOTOMOD GeoMosaic is powerful software solution for combining georeferenced images from any sources into single seamless, color-balanced, geometrically perfect mosaic. You do not need any third-party products. PHOTOMOD GeoMosaic is a complete solution. All necessary tools for the best mosaicking are included.

PHOTOMOD GeoMosaic is intended for working with various types of georeferenced digital images, including aerial and space imagery as well as digitized raster maps. You can make georeferencing of raster images, using the productivity tools of PHOTOMOD GeoMosaic.

Key features:

Flexible distributed processing for effective utilization of all available computing capacities, maximizing operating speed.

On-the-fly preview of final mosaic to control quality of the output product in real time.

Basic capabilities

- Creating high-precision mosaics from any number of orthorectified images (tens of thousands source images can be processed).
- Building precise mosaics from georeferenced images of various formats.
- Image processing:
 - radiometric image enhancements;
 - Pan-Sharpener;
 - DustCorrect.
- Seam line creation:
 - new fully automatic seam line creation algorithm respecting object outlines and image discontinuities for the highest quality of target mosaic;
 - manual seam line creation and editing.
- Automatic tiling of the mosaic:
 - single sheet creation;
 - automatic slicing into sheets using image's outlines;
 - automatic slicing mosaic into user defined sheets.
- Clouds area exclusion in automatic and manual modes.
- Automatic control points creation.
- Images superposition (alignment) using tie points:
 - manual entering of tie points;
 - automatic tie points measurement with autocorrelation control.
- Transforming images from one coordinate system to another.
- Block-wide brightness/color/contrast balancing (by average, by user-defined image from project, by arbitrary standard image) and seams feathering for seamless brightness/color/contrast balanced mosaicking.



Input/output formats

TIFF/GeoTIFF, BMP, GIS Map 2011 RSW, IMG (IGE), NITF, JPEG, DGN, PIX, JPEG 2000 with georeferencing files (ArcWorld, MapInfo TAB, PHOTOMOD GEO). PHOTOMOD GeoMosaic supports multi-channel imagery of unlimited size with arbitrary output channel combinations.

Racurs provides unlimited technical support for its customers. Experienced software support specialists provide immediate professional help by phone, fax or e-mail.

Download Life version of PHOTOMOD! The program is created to help familiarize with the systems features and functionality and allows you to perform test projects using your data.



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