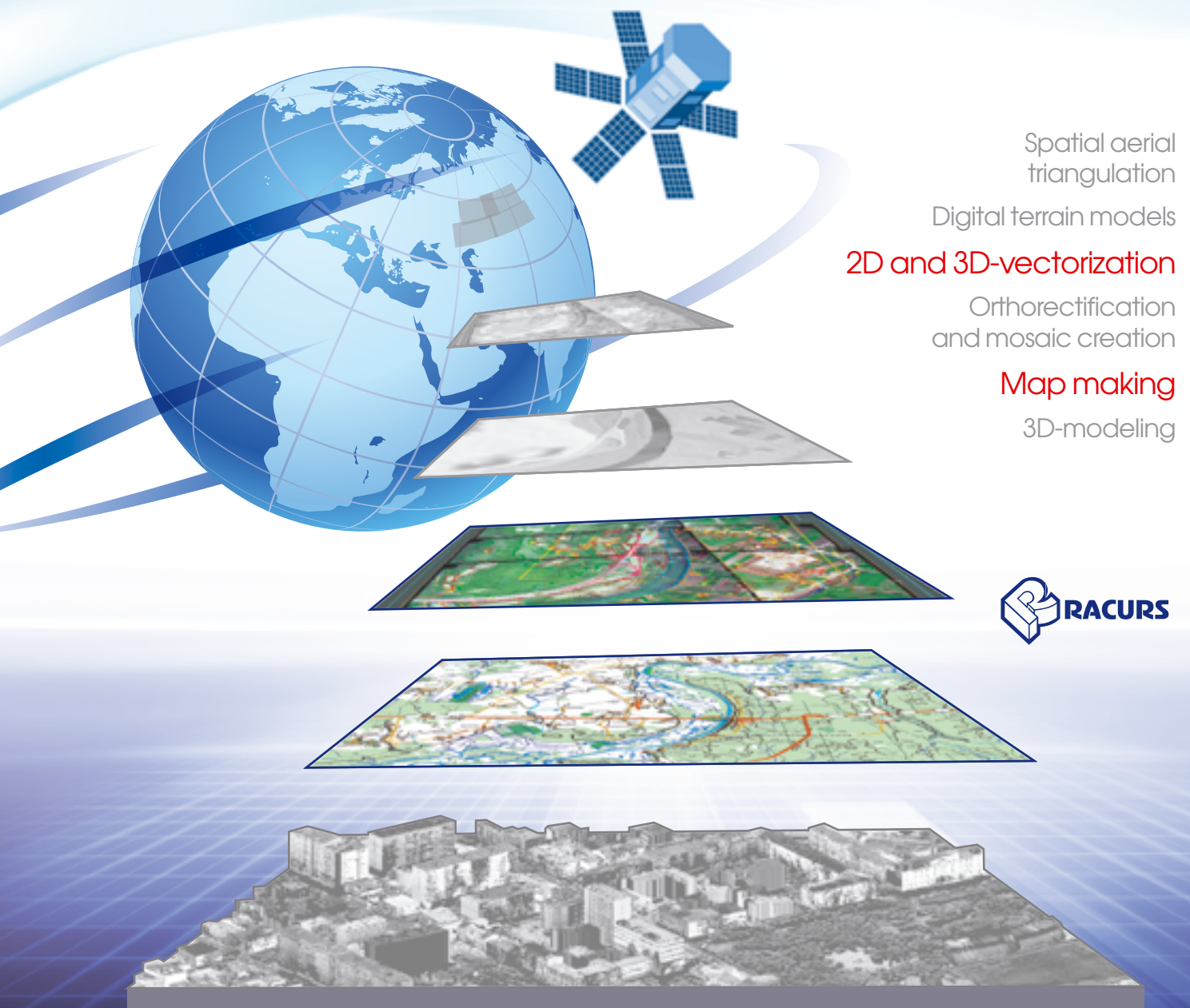


PHOTOMOD

2D and 3D-vectorization, Map making

Modern hardware and powerful functionality
for 3D feature extraction



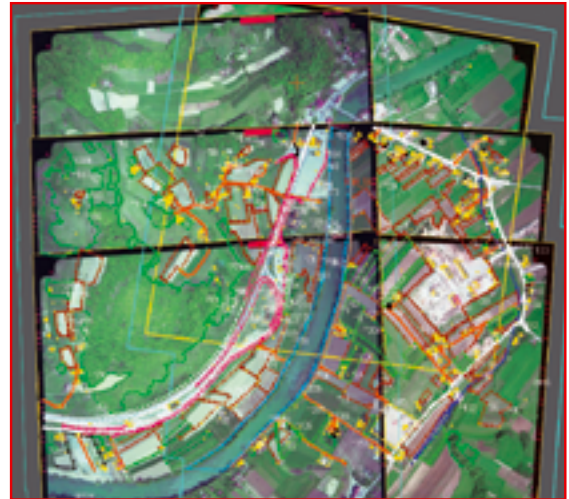
The PHOTOMOD system supplies the user with a full set of tools for 2D and 3D-vectorization and editing of drawn terrain objects. You may use vectorized objects as a topographic basis of cartographic production or input them as initial data to create mathematic (geometric) model scene during terrain 3D modeling.

PHOTOMOD includes such convenient tools as automatic move of cursor over terrain relief, 2D and 3D-snapping, vectorization of line segments at the right angle, tools for fast vectorization of objects of regular geometric shape, vector objects copying, automatic drawing of line along a border of existing object, building buffer zones, and many others. Classifier records and attributes may be assigned to graphic objects.

Basic capabilities

- Stereovectorization:
 - Professional page-flipping stereomode,
 - anaglyph stereomode for testing on any hardware,
 - all types of modern stereomonitors,
 - 3D feature extraction in GIS Karta 2011 and MicroStation environments,
 - fixed image / fixed cursor stereomodes.
- Multilevel classifier to separate objects by layers, sub-layers, codes, etc.
- Classifier-related group selection tools.
- Several object selection modes (normal, add, subtract, invert).
- Attributes of different types.
- Comprehensive list of vector object editing tools.
- Topological operations:
 - vector objects with a joint part,
 - joint vertices in the objects connection,
 - adding and subtracting polygons,
 - closing, unclosing and joining polylines.
- 2D- and 3D snapping.
- Polyline smoothing and interpolation.
- Buffer zones and profiles.
- 2D – 3D vector conversion by using DTM of different types.
- Transformation of vector objects into selected coordinates system / map projection.
- Vectorization of buildings keeping right angles between polyline segments.
- CAD-elements while object creation.
- Copy-paste function.
- Big number of vector formats for import-export.
- Special 3D mice.

The PHOTOMOD delivery set includes GIS-application – GIS Panorama 2011 Mini used for mapmaking purpose. Integration of programming environments of PHOTOMOD and GIS Panorama 2011 Mini provides a complete workflow of cartographic production: from spatial triangulation of source images to printing of output maps.



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

Download Lite 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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