
PHOTOMOD in Bulgaria

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GIS Sofia Ltd. (established 1999) is one of the pioneers in introducing digital photogrammetry in Bulgaria. The Photogrammetry Department (established January 2001) was the one to introduce the digital photogrammetric workstation PHOTOMOD (Racurs Co.) in Bulgaria.

The experts of Photogrammetry Department at GIS Sofia Ltd. tested the following digital photogrammetric workstations:

- ImageStation 2001 and Image Station SSK (Z/I Imaging);
- DVP (Leica-Helava);
- VirtuoZo (Supresoft);
- PHOTOMOD (Racurs Co.);
- Geomatica OrthoEngine (PCI Geomatics);
- ERDAS IMAGINE (Erdas Inc.).

The experts recommended to GIS Sofia Ltd. the acquisition of PHOTOMOD, with a view to the good balance between capacity and price. In 2001 the Photogrammetry Department started working with this digital system, version 3.11. Since then versions have been changed several times.

As of May 2006, GIS Sofia Ltd. has been the distributor of PHOTOMOD for Bulgaria. With the exception of the first version, delivered to Geocad Ltd., all other PHOTOMOD workstations are purchased through GIS Sofia Ltd.

At present, four companies and one university have installed 27 PHOTOMOD workstations, i.e.*:

- Geographic information system–Sofia Ltd (GIS Sofia Ltd.) – 9 workstations, version 4.4.670;
- Geocad Ltd. - 3 workstations, versions 3.60.236 and 4.2.539;
- Geoconsult Ltd. - 3 workstations, version 4.3.616;
- Geodetect Ltd. - 7 workstations, version 4.4.736;
- University of architecture, civil engineering and geodesy – 5 workstations, version 4.40.765.

The total number of PHOTOMOD modules is 97, distributed as follows*:

- PHOTOMOD Core. Montage Desktop – 10 modules;
- PHOTOMOD AT – 16 modules;
- PHOTOMOD SolverA – Aero – 11 modules;
- PHOTOMOD SolverS – Scanner – 8 modules;
- PHOTOMOD DTM – 13 modules;
- PHOTOMOD Mosaic – 12 modules;
- PHOTOMOD StereoDrew – 12 modules;
- PHOTOMOD ScanCorrect – 1 module;
- PHOTOMOD GeoMosaic – 2 modules;
- PHOTOMOD StereoACAD – 2 modules;

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- PHOTOMOD VectOr – 5 modules;
 - PHOTOMOD Field Survey – 5 modules.

* As per August, 31, 2009.