

64-bit Analyst Software for Terrestrial Mobile Mapping

During Intergeo 2011, Trimble has introduced a new version of its terrestrial mobile mapping office software Trimble Trident Analyst 4.7. The software is designed to effectively manage and interpret high-resolution digital images and large point-clouds, and automatically extract features from Trimble's MX Mobile Mapping and Survey systems. These capabilities allow land mobile data to be transformed into geospatial intelligence.

The software takes advantage of the additional random access memory offered by 64-bit operating systems to enable loading and handling of very large terrestrial mobile mapping datasets, including production-size point cloud data.

The latest version incorporates new quality control tools for efficient review of positional and orientation accuracy, and quick validation of boresight parameters and registration results using passive objects in the mapping environment. In addition, new 3D point-cloud classification capabilities increase productivity and enhance usability throughout corridor mapping and survey workflows.

Trident Analyst is designed for robust object positioning, measurement, and data layer creation-ideal for the analysis of geo-referenced imagery and laser scanner data. Industry-leading functions can accelerate projects and increase productivity, including key automated processes such as surface modeling, roadway sign and pole detection, lane marking detection, edge and breakline detection, road geometry and clearance measurements.

<https://www.gim-international.com/content/news/64-bit-analyst-software-for-terrestrial-mobile-mapping>
