

LEVERAGETM UAS MAPPING

Orbit UAS Mapping Solutions

View, Combine, Measure, Extract, Detect, Profile, Volume, Share, Integrate

Advanced Desktop and Cloud Platform for Any Professional UAS Mapping Business.

Now Publish and Share instantly via www.3dmapping.cloud

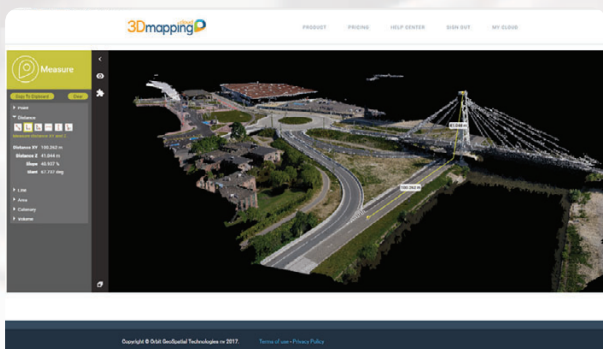
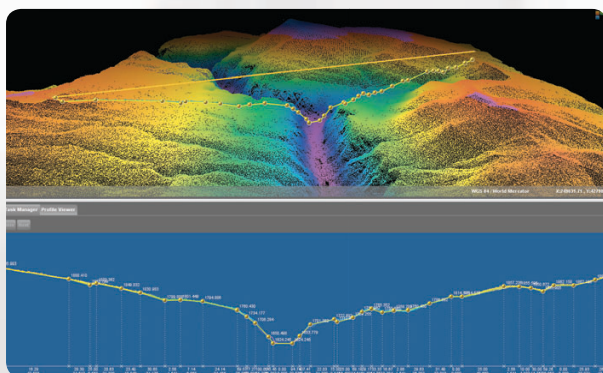


WWW.ORBITGT.COM

THE RIGHT TOOLS FOR EVERY PROFESSIONAL UAS MAPPING BUSINESS

Orbit GT's UAS Mapping solutions are a series of impressive products for all professional UAV systems engaged in mapping. Based on years of experience in high precision UAS mapping, Orbit GT solutions covers the complete UAS workflow for advanced mapping and feature extraction using imagery, LiDAR and dense matched point clouds.

UAS Mapping data generates an important insight in asset management, planning, emergency situations and ad hoc mapping requirements. It adds value to a large amount of government and public safety tasks as well as to a wide range of businesses, ranging from utilities and pipelines to precision farming, construction and general mapping.



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Import, Catalog, Share

Orbit UAS Mapping comes with an easy-to-use procedure to import Imagery and/or Point Cloud data derived from any 3rd party software. Bundled with a powerful GIS engine, the software allows to visualize flight plan, source imagery, raw imagery and derived orthophoto, LiDAR or dense matched point cloud and combine instantly with your GIS/CAD vector data or webbased resource. Intelligent data optimization, selection and cleaning processes dramatically enhance overall usability of UAS data. A comprehensive catalog helps to overview, manage, and archive UAS projects and upload the right project to share via www.3dmapping.cloud.

UAS Mapping Desktop Application

"Orbit UAS Mapping" provides a comprehensive range of powerful tools for the mapping expert. The advanced measurement techniques and asset inventory workflow extract actionable data from point cloud and imagery alike, and feed directly into GIS or CAD. Slice views, Profile views and Parallel Extraction, as well as semi-automated feature extraction tools speed up production. Volumetric Analysis tools calculate and compare time series in seconds. Contour maps can be generated in a click. The advanced profile and cross section tools view, analyse, export and report profiles in detail. Clash detection is easy to use and checks collisions with any form over any 3D path, for example power lines, in seconds. Make and deliver an impressive 360° fly through movie of the covered area and combine with mobile or terrestrial scanned data in an integrated view. Get your copy from www.orbitgt.com.

3D Mapping Cloud Application

Share UAS Mapping data online, and fuse with other 3D mapping resources such as Terrestrial, Aerial, Indoor or Mobile Mapping content. Present up-to-date imagery, point cloud, and mapping results to customers, contractors, or to the public at large; make it accessible within your customers workflow via ArcOnline, ArcGIS for Desktop, AutoCAD Map, QGIS, Microstation, or any other integration using the free SDK. Check it out on www.3dmapping.cloud.