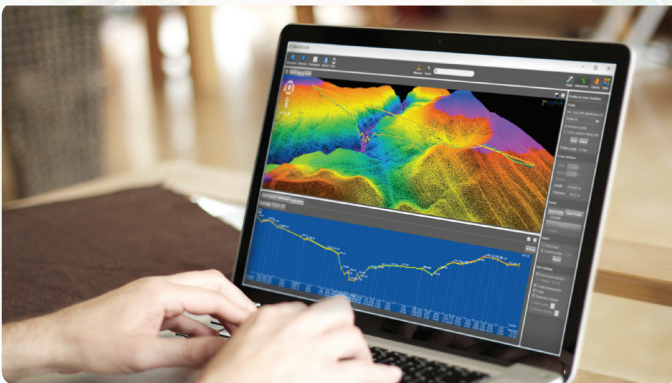




SMARTTM 3D MAPPING

Software to Capture, Model and Share

LEVERAGETM UAS MAPPING



**MANAGE, PROCESS, VIEW, CHECK,
EXTRACT, PUBLISH, SHARE AND EMBED**

WWW.ORBITGT.COM

DESKTOP-SERVER-CLOUD

WORLD LEADING SOFTWARE SOLUTIONS FOR UAS MAPPING

Orbit GT's UAS Mapping portfolio is part of the generic 3D Mapping portfolio focussing on integration of all types of Reality Capture. 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, and meshes.

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. Use 3D Mapping Cloud to archive content over time and share instantly.



ANY SYSTEM, ANY SENSOR, ANY SIZE

Orbit 3D Mapping Solutions comes with a simple procedure to import processed data from **any UAV setup**, including Imagery, (dense-matched or LiDAR) Point Cloud, Orthophoto, DEM, Textured Mesh. After that, simply open a project and you're ready to go.

VIEW & PERFORMANCE

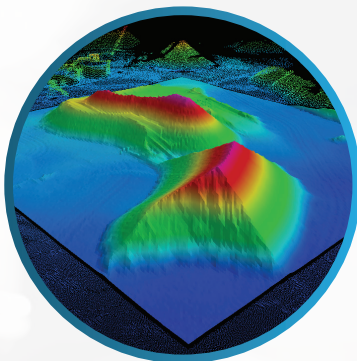
Orbit optimizes all data for performance and auto-selects the optimal nadir image for any location. Roam through terabytes of data and multiple projects easily and combine with your own or extracted vector data. **Limitless. Easy. Fast.**

VECTOR OVERLAY

Orbit 3D Mapping has a very strong support of GIS data. Drag and drop your vector data file and you can immediately overlay it in any of the views. **Straight-forward and very dynamic.**

ORTHO, DEM, TEXTURED MESHES, MEASUREMENTS

Measurements are made using a Point Cloud, mesh, by triangulation or ground plane. Measurements include point, height, distance, lines area, **volumetric analysis, clash detection, ...** If you have a DEM and an Ortho, the ortho can be draped. Optimize the workflow using countless Feature Extraction tools. .



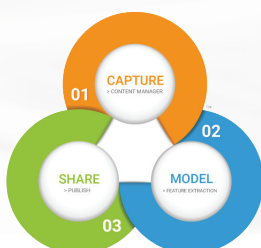
Data © Riegl, Orbit GT, RDO

SHARE, COLLABORATE, PUBLISH

Publish your UAS project together with ortho, textured mesh or other content and fuse with other 3D mapping resources such as Terrestrial, Streetlevel, Indoor or Aerial Oblique Mapping content on **3dmapping.cloud**. Present up-to-date imagery, point cloud, and mapping results to customers, contractors, or to the public at large.

EMBED AND INTEGRATE IN ANY HOST

Orbit's HTML5-based Viewer SDKs and APIs allow anyone to access 3D mapping content from within their workflow, business intelligence tools, or any host such as **your favorite GIS or CAD system** e.g. ArcGIS, ArcOnline, AutoCAD Map, MicroStation, QGIS and more.



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