ORBIT

INNOVATIVE  .  INTEGRATED  .  MOBILE ORIENTED
**OVERVIEW**

Discovering mobile mapping? Ever wondered what UAS Mapping or Indoor Mapping can do for you? Orbit GT’s 3D Mapping software solutions are disrupting the way mapping content is created, processed and consumed forever. Orbit’s 3D Mapping software supports all known mobile, UAS, oblique, indoor and terrestrial mapping hardware systems, translating different device setups and specifications into a single user-friendly environment.

**CHOOSE BETWEEN TWO TYPES OF LICENSE:**
- 3D Mapping Desktop (on-premise license)
- 3D Mapping Cloud (saas license)

**MAIN INDUSTRIES**

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**ALL IN ONE PLATFORM**

**Full workflow software**

Thanks to Orbit GT’s 3DM (3D Mapping) software, it is now possible to manage, extract and publish data coming from mobile, backpack, trolley, handheld, drone, aerial and tripod laser scanners using a complete and simple workflow starting from capture reality, going through modeling world and sharing all over the world.

1) **CAPTURE**

With CONTENT MANAGER, filling the quality & quantity gap after collection.

2) **MODEL**

With FEATURE EXTRACTION, auto produce & update content faster and more effective.

3) **SHARE**

With PUBLISHER and PLUG-IN, share and integrate your data or choose 3D MAPPING CLOUD.
3DM PUBLISHER
Share 3D mapping content online supports 360° or planar imagery, and point clouds define user credentials, multiple publications, server pool share on the web, mobile devices, and integrate using SDK

- SHARE 3D MAPPING DATA TO MANY USERS
- SERVER INSTALLATION, WEBClient, SDK/API
- WEBClient INCLUDED
- INTEGRATE IN 3RD PARTY WORKFLOW
- SHOW FOOTPRINTS ON BASEMAP
- MEASURE POSITION, DISTANCE, LINE, OR AREA IN OBLIQUE IMAGES
- OVERLAY ANY VECTOR DATA OVER MAP AND PANORAMA AND POINTCLOUD
- FOLLOW HOVER, RECORD A SNAPSHOT, MAXIMIZE OBLIQUE VIEW
- SYNCHRONIZE VIEWER: FOLLOW FOCUS & ZOOM
- EXTRACT DATA IN OBLIQUE, INDOOR, MOBILE, AND UAS MAPPING PUBLICATIONS
- PUBLISH & REQUEST METADATA

3DM CONTENT MANAGER
An indispensable step in the 3D Mapping data chain.
Archive, merge, clean, correct and catalogue the collected 3D mapping data for Indoor, Oblique, UAS, and Mobile Mapping jobs.

- ORGANIZE & MANAGE, CATALOG & ARCHIVE
- MANAGE COMPANY-WIDE MAPPING DATA
- IMPROVE YOUR DATA BY SEMI-AUTOMATED POINT CLOUD CLEANING
- QA/QC VIA INSTANT TRAJECTORY ADJUSTMENT USING GCP CONSTRAINTS
- DELIVER READY-MADE PROJECTS FOR DESKTOP EXTRATION JOBS OR UPLOAD TO SHARE ONLINE
- FEATURES DOCS & DOWNLOADS

3DM FEATURE EXTRACTION
The tools for a professional 3D mapping business.
Complete mapping unit for Image, LiDAR and DSM mapping process features and results in semi or fully automated mode document assets, centralize data management roles and permissions for teamwork.

- FULL 2D & 3D VIEW
- MEASURE POINTS, LINES, AREA OR VOLUMES
- ASSET INVENTORY WORKFLOWS
- AUTOMATIC SURFACE, RIDGE & CORNER RECOGNITION
- CONTOUR MAP BASED ON COUNTOUR STEP
- ANALYSE & REPORT VOLUMES, PROFILES, CONTOURS, CROSS SECTIONS, CLASHES
- HORIZONTAL AND Vertical SLICES, FLOOR PLAN BUILDER
- EXTRACT VECTOR DATA INTO GIS OR CAD

Three level available: BASIC, STANDARD, PRO
(See the full comparative table on our website)

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View, Share and Analyse your 3D resources

Easy access vast volumes of data from Mobile Mapping, UAS Mapping, Indoor Mapping, Terrestrial scanning, or Oblique Mapping. The 3D Mapping Cloud is the next step in a new and open approach to the collaborative use of different data resources. Organize and manage, catalog and archive. Improve your data by pointcloud cleaning instant trajectory adjustment using gcp constraints.

1) SIGN UP
Create an account for your organisation and go invite your team mates.

2) UPLOAD
Upload your own data. Use Disc Delivery service for even larger datasets.

3) VIEW AND SHARE
Share your data and views with your customer, your contractor, the public.

3DM BLUR & ERASE
Comply with privacy laws: the complete Blur & Erase.
Prepare and consolidate your work with to get blurring service QC, process imagery, prepare real-time blurring.

- BLUR & ERASE TO COMPLY WITH PRIVACY LAWS
- IDENTIFY AREAS OF INTEREST TO BLUR
- BLUR & ERASE SERVICE SUPPORT
- BLUR & ERASE QC ASSURE TO FULFIL PRIVACY REGULATIONS

3DM PLUG-IN
3D data within your own workflow:
AutoCAD Map, ArchGIS for desktop, QGIS, GEOcortex.
Display Image & Point Cloud data in third-party software
3D data from any vendor, any system, any size or coverage integrate based on the Orbit SDK (API).

- CONNECT TO ONLINE SHARED 3D MAPPING DATA
- MEASURE, OVERLAY AND EXTRACT
- MAKE A 3RD PARTY PLUGIN FOR 3D MAPPING
CONTACTS

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