orbit
GEOSPATIAL TECHNOLOGIES

Mobile Mapping Solutions

Orbit Mobile Mapping Solutions
Manage, Process, View, Check, Extract, Upload, Publish, Share, Embed
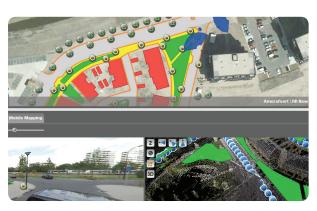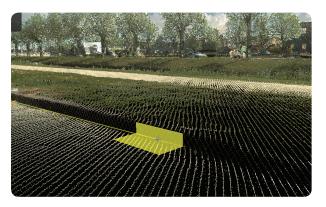
www.orbitgt.com

Everything Mobile Mapping

The right tools
for every Data Collection operation

MM Content Manager
MM Feature Extraction

CAPTURE
> CONTENT MANAGER

MODEL
> FEATURE EXTRACTION

SHARE
> PUBLISH

Orbit MM Content Manager

"Organize, Clean, Analyse, Check, Correct, Bundle, Merge, Export and Upload Mobile Mapping data."

Based on Orbit´s impressive 3D Mapping engine, the Content Manager offers all tools to clean, correct and catalog captured mobile mapping data. Tools include positional accuracy QC, point cloud cleaning, data and metadata catalog listing and querying, trajectory adjustment, delivery export, upload to 3D Mapping Cloud and more.

Import, Catalog, Organize, QA & QC, Consolidate, Deliver, and Archive

Optimize all data for performance.
Keep overview of all collected Mobile Mapping data
View selection in Catalog list and on map canvas
Check multiple passes, missing data or overlap,
Select to open, process, archive, consolidate, deliver
Clean up point cloud, Remove moving objects
Load ground control points and measure constraints
Analyse positional accuracy by graph, colorized display on map
Select any stretch of the trajectory
Process trajectory adjustment for all lidar and imagery at once
Upload to 3D Mapping Cloud to share online

Orbit MM Feature Extraction

"Visualize, Navigate, Overlay, Measure, Extract and Analyse Mobile Mapping data."

Use Orbit's power viewing tools to zoom in on any detail. Roam freely and simultaneously in pointcloud and imagery. Use the many measurement tools to identify objects, either points, lines, areas, and save as new features in GIS or CAD layers.

Unchallenged viewing, Unlimited size, Overlay, Measure and Extract

Overlay any 2D and 3D vector data
Set transparency, view depth, height adjustment
Single click measurements, on point cloud, image only, or combined
Intelligent measurements of position, distance, free polyline, catenary curve, free area, rectangular vertical or horizontal area, squared volumes, etc,
(Semi-) Automated feature extraction
Automatic surface, corner and ridge detection
Workflow assisted extraction of features
Add attribution, snapshots and documents to each object
Use quick procedure for fast extraction
Work together in a Client-Server setup and centralized databases