

3DM PUBLISHER – ON PREMISE

MORE DATA. MORE CONTENT. MORE USERS.

share 360° and planar nadir, streetview, oblique imagery
share DSM and LiDAR point clouds online
define user credentials, multiple publications, server pool
share on the web, mobile devices, and integrate using SDK

SHARE ONLINE WITHOUT LIMITS
A SERVER-BASED SOLUTION TO SHARE 3D MAPPING DATA ONLINE

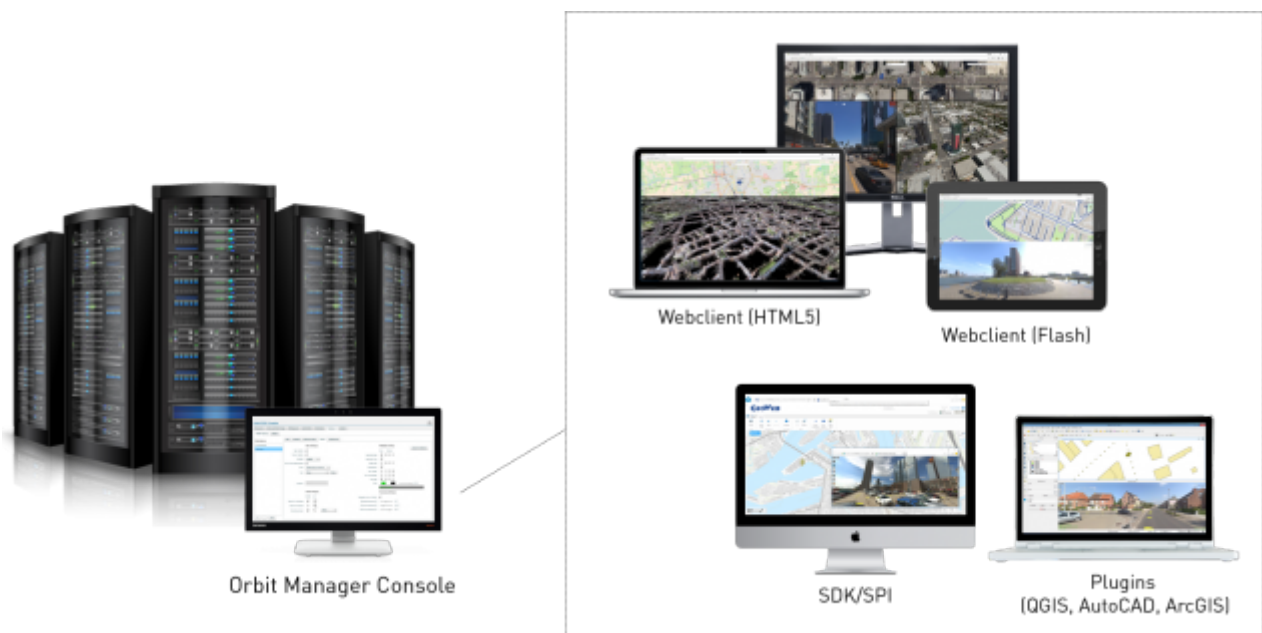
SHARE 3D MAPPING DATA TO MANY USERS

Using the 3DM Publisher on-premises, you can publish your 3D data (Mobile, Oblique, Indoor, UAS, Terrestrial) from local servers and share it over the internet to web browsers, mobile devices, embedded viewers and integrations in enterprise or customer's workflows. Unlimited volumes of planar/panoramic imagery and point clouds are supported.



SERVER INSTALLATION, WEBCLIENT, SDK/API, PLUGINS

The 3DM Publisher product exists of a Server Software Installation (incl. Manager Console), a webclient (flash-based or HTML5), API (orbit sdk), and available Plugins in Esri, AutoCAD Map, QGIS and Geocortex.



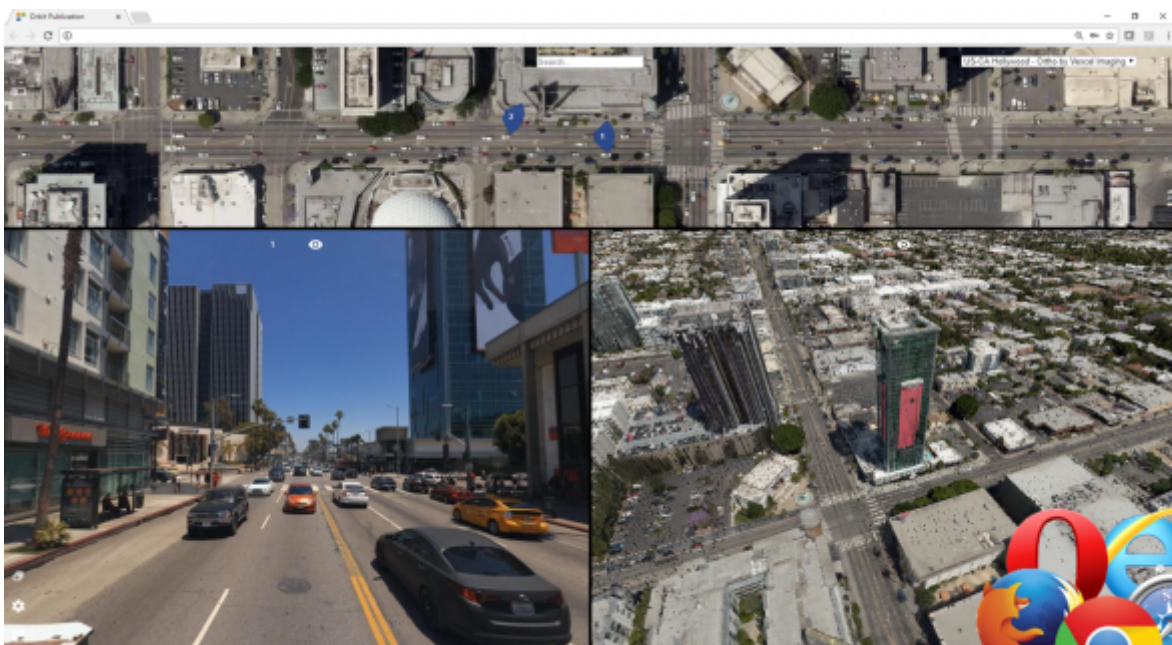
CREATE PUBLICATIONS WITH MANAGER CONSOLE

The 3DM Publisher comes with a user-friendly, online configuration console. This console contains a basic Import & setup tool for 3D Mapping content; combines 3DM projects, basemaps and other GIS data into “Publications”; allows control over Users, User Groups and their profiles; allows login-free Publication; allows logging of use; allows configurable web pages, direct link by XY or Photoname; defines connectivity by URL, Username and Password.



PUBLISH VIA WEB

The access via a webclient for streetview planars/panoramas, UAV nadir and Aerial oblique pictures is included in the Orbit 3DM Publisher. Access your shared 3D Mapping data via any webbrowser. Use your login and password to view, navigate, overlay, measure and extract. Two different webclients (Flash-based and HTML5) are available for the 3DM Publisher on-premises. Please read carefully the production comparison list to check available features for each type of webclient.



PUBLISH IN 3RD PARTY WORKFLOW

If you want to integrate a plugin in your own workflow or work via a 3rd party software (Esri, Autodesk, QGIS, etc), have a look at our free 3DM Plugins (and API) for ArcGIS for Desktop, GeoCortex, AutoCAD Map, QGIS, etc.



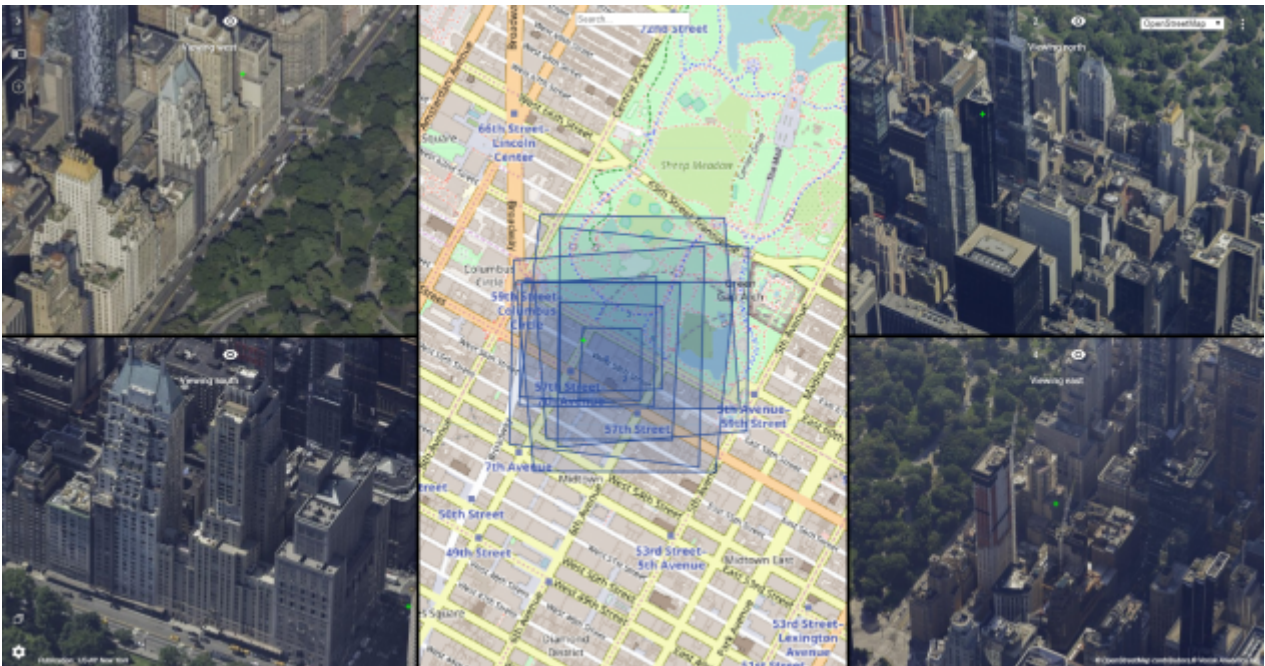
SIMPLE AND POWERFUL MEASUREMENTS

Measure, attribute, and extract points, distances, poly(lines), areas, and simple volumes. Measure on any of the available view. Measure using images only, on image but using point cloud behind, on 3D point cloud, 2D Map, etc. Multiple results will be presented. Finally download a kml file for export.



SHOW FOOTPRINTS ON BASEMAP

Get insight in oblique viewing angles and position with realtime footprint information. The overlay of the image footprint is the ideal way to navigate: keep your focus on predefined locations while zooming and panning.



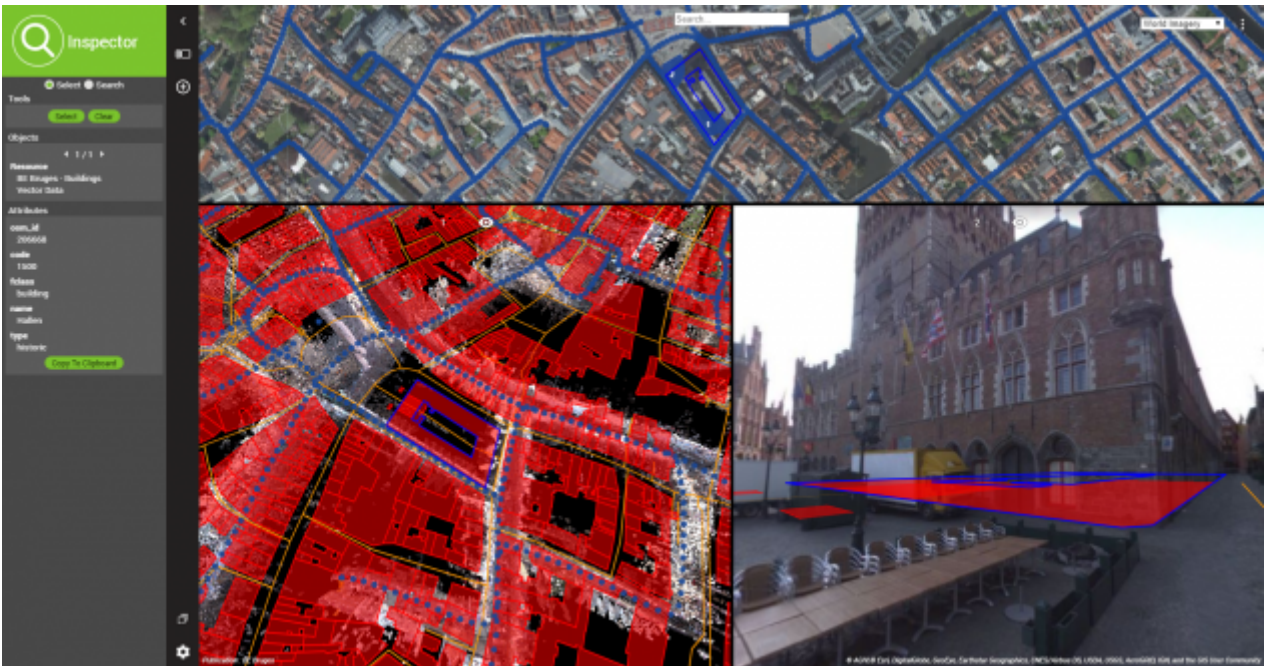
MEASURE POSITION, DISTANCE, LINE, OR AREA IN OBLIQUE IMAGES

Measurements can be made using a DEM or triangulation. Single-click measurements require a DEM. With the Measurements HUD, tools to measure coordinates, distances, heights, and areas are just one click away.



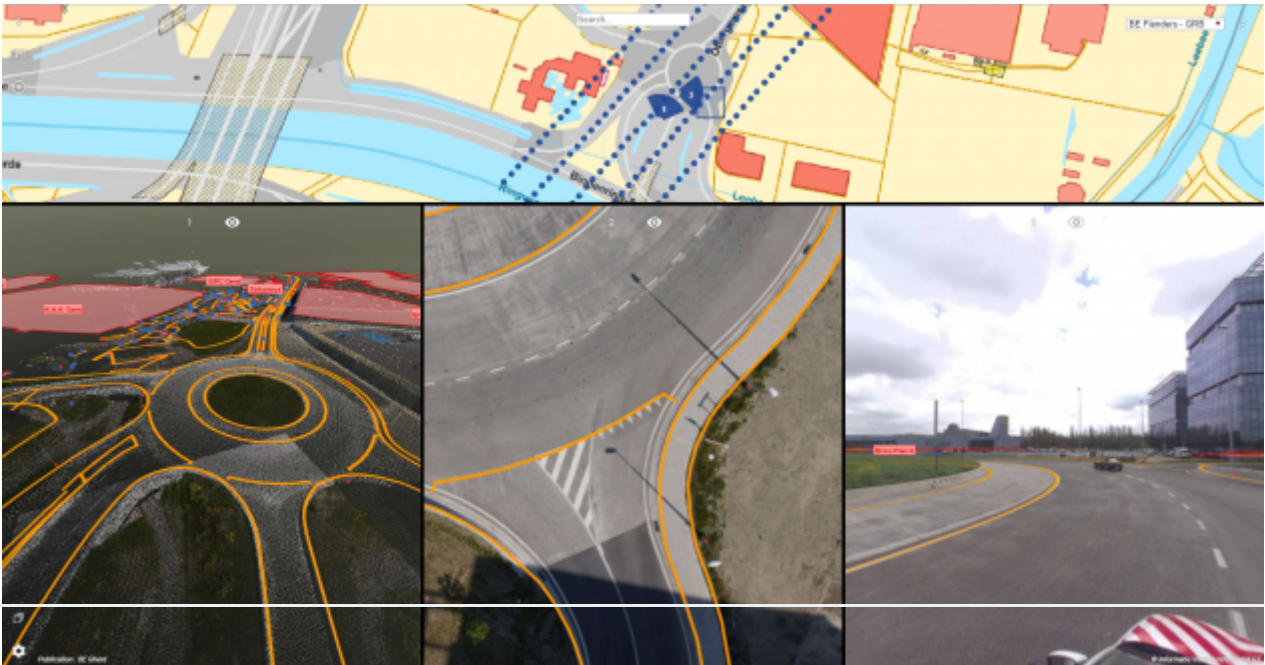
PUBLISH & REQUEST METADATA

Improve your visualisation by adjusting the image brightness. Set your own view composition. And request the included metadata of your mobile mapping data.



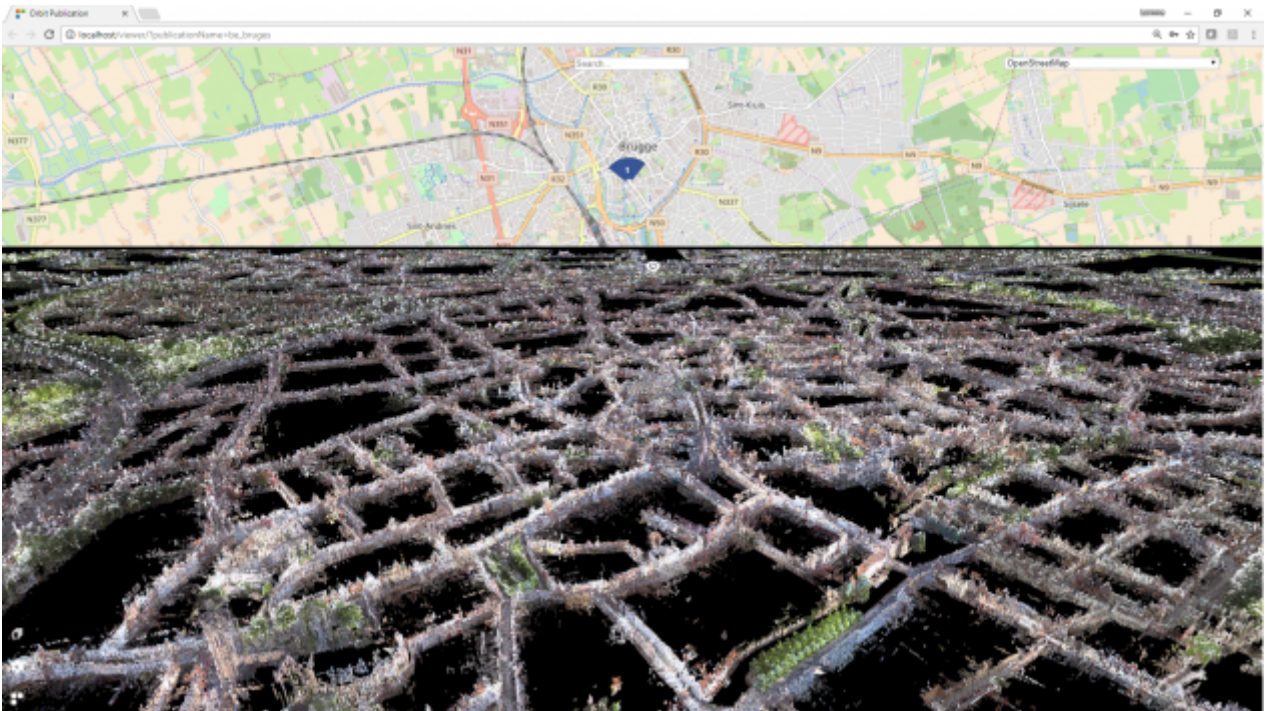
OVERLAY ANY VECTOR DATA OVER MAP AND PANORAMA

Publish vector data together with Mobile Mapping data. Include WFS services in Publication. Dynamically switch on/off each layer on Map and/or Panorama. Adjust height for 2D data. Control vector data view depth. Control overlay transparency.



FULL 3D POINT CLOUD VIEW

Using the HTML5 webclient, there is a full 3d point cloud view available. Navigate easily through terabytes of point cloud data. Measure and extract 3d data based on any 3D LiDAR or DSM point cloud coming from Aerial, Outdoor, or Indoor Mapping.



SHARE MULTIPLE YEARS

Configure an Object Search for vector layers or a geocoding search plugin. Record a snapshot with the required metadata. Manage several years of mobile mapping data. Make objects selectable and request attribute information.



MEASURE AND EXTRACT

When sharing data several intelligent measurement functions are available for the user. Measure and extract data in Oblique, Indoor, Mobile, and UAS Mapping publications. Measure points, lines, polylines, areas, volumes, and circles. Export and save the results after each session.

