

3D MAPPING CLOUD

June 2017

CONFIDENTIAL - For Orbit GT Resellers Only

3D mapping .cloud 

View, Fuse, Share, Publish, Integrate and Sell all 3D Mapping data

a SaaS based Web App & Platform for
All Imagery and Point Cloud data

Superb HTML5 Streaming Powerful Viewing, Sharing & Integration Capabilities

HTML5 Viewing on all platforms & Free SDK

Self-Service Manage Users and Data Marketplace

Use the Online Cloud Console

3D Mapping Cloud Why ?

3D Mapping Cloud - Portfolio Position



- **Collect & Prepare Import**
- **Catalog / Explore**
- **Verify**
- **Correct Positional Accuracy**
- **Clean Point Cloud**
- **Plan re-runs**
- **Deliver MM Content**
- **Upload to the Cloud**

- **Extract Features**
- **Asset Inventory Workflows**
- **Automated Extraction tools**
- **Clash Detection**
- **Profiles & Cross Sections**
- **Volumes**
- **Face & Plate Blurring QC**
- **Deliver Features**

- **Consume via Web**
- **Consume via App**
- **Consume via SDK**
- **Plugins / Integrations**
- **Embed in Workflow**
- **Share with 3rd parties**
- **Publish On-Premises**
- **Integrate with other 3D data**
- **Share in the Cloud**
- **Publish in the Cloud**

3D Mapping Cloud - Portfolio Position



- Publisher
 - ▶ Mobile Mapping / Oblique Only
 - ▶ Publications only
(no free choice of resources)
 - ▶ Own IT/ Hardware & TCO
 - ▶ On Premises
 - ▶ Purchase
- 3D Mapping Cloud
 - ▶ All sources (Incl. UAV, Indoor, TLS, ..)
 - ▶ 'Desktop' style UI
 - Pick from Catalog
 - share single Resource ad hoc
 - share via Publication
 - share via SDK / Integration
 - ▶ Fuse any data
 - also 3rd party data
 - ▶ SaaS : No (IT) overhead
 - ▶ Monthly / Yearly

THE DISCUSSION IS OVER
THERE'S NO BIG DATA ISSUE
ANYMORE...

YOU MAY HAVE
BUSINESS
REASONS

YOU MAY HAVE
TECHNICAL
REASONS

YOU MAY HAVE
FINANCIAL
REASONS



SaaS-based Mapping & Data solution

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 relieves you of managing large datasets - the logical next step in a new and open approach to the collaborative use and re-use of complex data resources.

UNLIMITED VOLUMES OF DATA

Orbit GT's 3D Mapping Cloud is the ultimate resource tool where users can upload, download, fuse and share vast volumes of data coming from Mobile & UAS Mapping, Oblique Mapping, Indoor Scanning, Terrestrial scanning and traditional GIS-CAD data.

KEY BENEFITS

- Self Manager: Global Access, User Control, No overcharges, Easy and intuitive, Private Storage, Self Service.
- Share internal & external users: Share with all addresses, On the fly, Mobile apps.
- Unlimited 3D Point Cloud data: Unlimited image size, Unlimited CAD / GIS vector data.

KEY BENEFITS

- Global access: Access from any device, Access from any Plugin, Single login.
- Streaming Power: Easily merge between views, Point Cloud view, Spectral Image view, Point Cloud view, Image view, 2D Data view, Data view, Combine 2D and 3D data on the fly.

VIEW, MEASURE, ANALYSE, ...

Fuse, view, measure and analyse various data types together on the fly. Compare, check and extract any information. Analyse and process in the cloud.

FREE TRIAL

KEY BENEFITS

- 3D Data Measurements: Volume, Surface Area, Perimeter, Polyline, Distance, Area, Capacity, Slope, Volume.
- 3D Analysis: Tag, Project, Report, Export, Process.

ORGANISE



USERS, TEAMS, BUSINESS PARTNERS

Invite any user and provide permissions and roles. Organise in teams, and share data with individuals or groups. Bring in third party users to share with contractors, consultants, customers.

KEY BENEFITS

- User Management: Multi users, Single login, Organise teams.

SHARE BY CAD/CIM

KEY BENEFITS

- Permissions: Private, Team and Company wide permissions, Allow third parties, Self Manage on the fly.
- Admin: Account Manager, Billing Manager, Administration.

SHARE

SHARE, PUBLISH, ...

Allow customers and contractors to directly access your data by permissions. Setup Publications for ready-made portals including 2D and 3D data.

KEY BENEFITS

- Self Manager: Share with internal and external users, Share with public, Publications, Share with applications, Integrate SDK in webapps, host on own infrastructure and local.
- Public: Setup Webpage with selection of 2D and 3D data, Personal view, selection of functionalities, With or without login.

WHAT IS WWW.3DMAPPING.CLOUD



STREAMING

INTEGRATE

FREE SDK

MORE BUSINESS

SHARE, SELL & BUY @ MARKETPLACE

Get your hands on existing data for less. Offer your data a second life and sell again. Share availability of the Marketplace for free.

KEY BENEFITS

- Want to Sell? Buy your data cheap, No license upfront, Specifics how to contact you.
- Looking for Data? Search and browse by Data, Contact Provider.
- Making the Deal: Agree on business conditions, Provider grants access to Data.

FREE SERVICE

INTEGRATE ANYWHERE

Use the free SDK to embed the full functionality of the 3D Mapping Cloud into your application or website, on any device. Empower your teams and customers with unlimited resources.

KEY BENEFITS

- Free SDK: For website, smartphone, or plugin to your host development, All and their existing systems, HTML 5, JavaScript, all smartphones and devices, High level integration possible.
- Use the Same Login as on the 3D Mapping cloud website: Same sharing capabilities, Same Data Viewing System, Same Functionality.
- 2015 Plugins: Ready to use Plugins developed by Orbit GT available for your current systems. Easy installation as single Authorized keys, Customization, Security Integration, Ready to go or to be customized, See requirements and the page specifications.

JUST LOGIN!

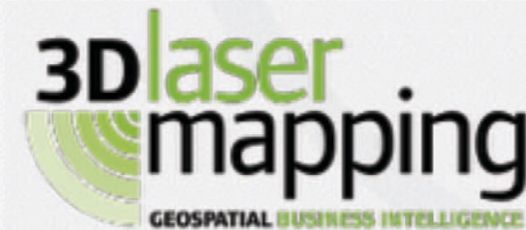
Strong Industry Support



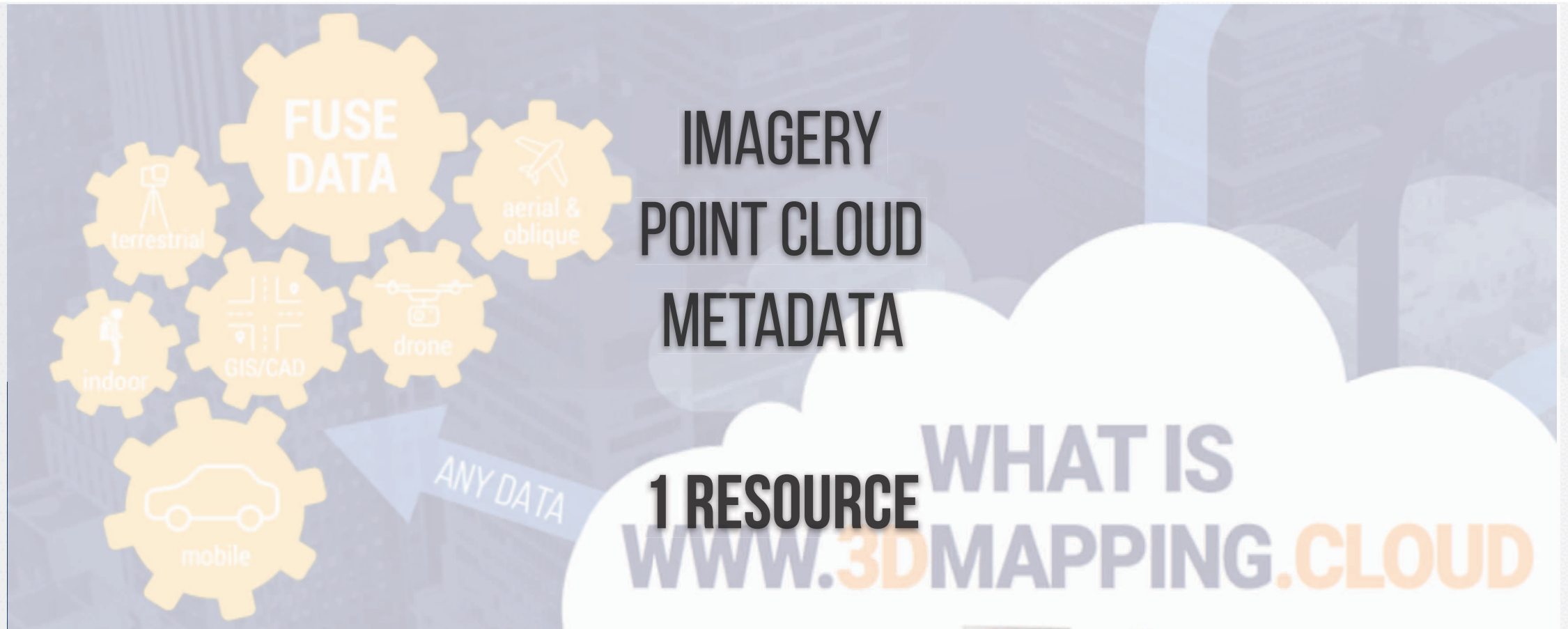
Strong Industry Support



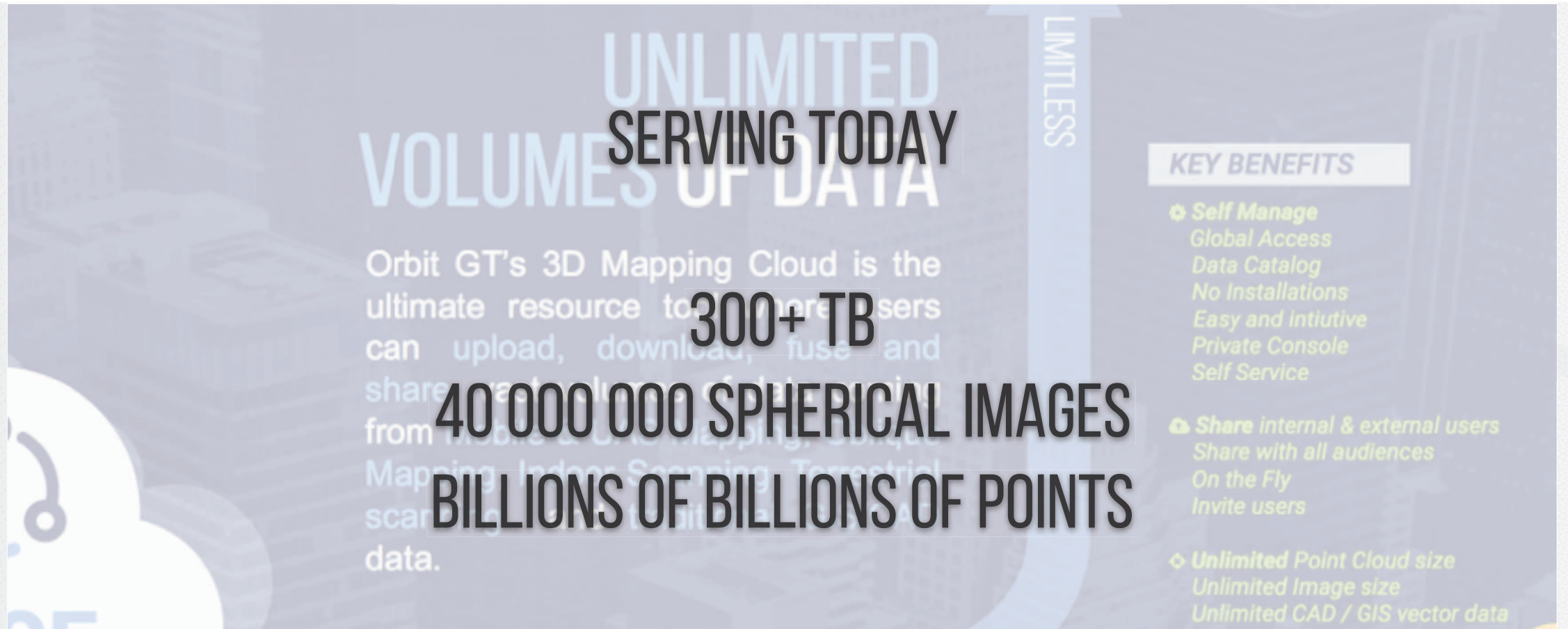
VEXCEL
IMAGING



All Data



Limitless Data



UNLIMITED VOLUMES OF DATA

SERVING TODAY

300+ TB

40 000 000 SPHERICAL IMAGES

BILLIONS OF BILLIONS OF POINTS

Orbit GT's 3D Mapping Cloud is the ultimate resource to store, manage, and share your 3D data. Users can upload, download, fuse, and share vast volumes of data from Mobile & UAS Mapping, Drone Mapping, Indoor Scanning, Terrestrial scanning, and more.

LIMITLESS

KEY BENEFITS

- Self Manage
 - Global Access
 - Data Catalog
 - No Installations
 - Easy and Intuitive
 - Private Console
 - Self Service
- Share internal & external users
 - Share with all audiences
 - On the Fly
 - Invite users
- Unlimited Point Cloud size
 - Unlimited Image size
 - Unlimited CAD / GIS vector data

1 Aerial Lidar Example



All Users

USERS, TEAMS, BUSINESS PARTNERS

Invite any user and provide permissions and roles. Organise in teams, and share data with individuals or groups. Bring in third party users to share with contractors, consultants, customers.

KEY BENEFITS

User Management



Customers, Contractors, Anyone



SHARE, PUBLISH, ...

Allow customers and contractors to directly access your data by permissions. Setup Publications for ready-made portals including 2D and 3D data.

ANYONE ANYWHERE

FREE
SDK



INTEGRATE

KEY BENEFITS

YOUR workflow - FREE SDK

INTEGRATE ANYWHERE

Use the free SDK to embed the full functionality of the 3D Mapping Cloud into your application or website, on any device. Empower your teams and customers with unlimited resources.



KEY BENEFITS

- ✦ **Free SDK**
For website, smartphone, or plug-in-to-your-host development
JS and .Net versions available
HTML5 supporting all platforms and devices
High-level integrations possible
- ✦ **Use the Same Login as on the 3dmapping.cloud website**
Same Viewing capabilities
Same Data Catalog Access
Same Functionalities
- ✦ **COTS Plugins**
Ready to use Plugins developed by Orbit GT
Available for Esri ArcGIS Desktop, Esri ArcOnline as widget
AutoCad Map, QuantumGIS, Bentley Microstation
Brands are (c) of its respective owners. See www.orbitgt.com for plugin specifications.

JUST
LOGIN!

And Monetise your content



SHARE, SELL & BUY @ MARKETPLACE

Get your hands on existing data for less
Offer your data a second life and sell again
Share availability of the Marketplace for free

MORE BUSINESS

FREE SERVICE

KEY BENEFITS

- Want to Sell ?**
Post your Data Specs
No need to upload
Specify how to contact you
- Looking for Data ?**
Search and Browse for Data
Contact Provider
- Making the Deal**
Agree on business conditions
Provider grants access to Data

3D Mapping Cloud - Market Position



- Strong Industry Support
- Unlimited Data Volume support
- Not Just Point Clouds
- Not Just Images
- Not Just a Web Application
- Guaranteed Compatibility
- Multi-Sensor, Exact, Integrated
- Fusion of Data
- Built to Catalog, Share, Collaborate, Publish and Integrate

3D Mapping Cloud - Status

Where are we today ?

- Usage
 - ▶ Register as Trial User (14 days)
 - ▶ Register as new Account, with Plan
 - Invite co-workers
 - Automated payments
 - ▶ Change Plan on demand

- Supported Data
 - ▶ Mobile Mapping data (upload via MM Content Manager)
 - ▶ UAS data (upload via UAS Mapping)
 - ▶ Vector data (upload via both above)

- Viewer Capabilities
 - ▶ Point Cloud streaming
 - ▶ Spherical Imagery
 - ▶ Planar Imagery
 - ▶ Pick and combine any resource from your Catalog
 - ▶ Various Measurements

- Sharing
 - ▶ Share within organisation
 - ▶ Share with 3rd party organisation or individual

3D Mapping Cloud - Status

What's coming next ?

- Usage
 - ▶ Coupons & Teams

- Supported Data
 - ▶ Oblique Imagery & DEM, Indoor
 - ▶ 2D Resources / Basemaps

- Viewer Capabilities
 - ▶ Oblique, Indoor
 - ▶ 2D Map
 - ▶ Triangulation Measurements

- SDK
 - ▶ Javascript
 - ▶ ArcOnline Widget

- Publications
 - ▶ Preset Resources
 - ▶ Settings
 - ▶ Concurrent Users
 - ▶ 2D Map
 - ▶ SDK compatible
 - ▶ Dynamic Availability

- On-Premises Publisher
 - ▶ HTML5-based Viewer and SDK

- Data Upload
 - ▶ FREE UPLOAD TOOL

PARTNER TASKS

Partner Tasks - Get Started



- Get Started with 3DMC

- ▶ Create your corporate account
- ▶ Upload some great example data
- ▶ Share with your customer
- ▶ Launch the customer with a Coupon
(available mid July 2017)

- ▶ ***Build Reference Cases***

- ▶ ***Continue to engage customers***

- ▶ ***Provide feedback to us***

- ▶ EUR 120/mo - USD 144/mo
- ▶ EUR 50/TB/mo - USD 60/TB/mo
- ▶ FREE
- ▶ One time EUR 120 - USD 144

Partner Tasks - Get Started

- Let's walk you through the most important steps
 - ▶ How to Register
 - ▶ How to Upload Data
 - ▶ How the Viewer and Measurements work
 - ▶ How to Share with someone

<https://3dmapping.cloud/sign-up-guide/>

<https://3dmapping.cloud/about-upload-tools/>

<https://3dmapping.cloud/getting-started-with-the-viewer/>

<https://3dmapping.cloud/new-measurement-tools/>

<https://3dmapping.cloud/about-sharing-resources/>

Partner Tasks - Follow Up

- 3DMC has very regular updates
 - ▶ Read / Share the Blog
 - ▶ Read Dedicated Pages



Partner Tasks - Social Promote

- Follow us on the various Social Media that we post
 - ▶ Linked In :
 - ▶ Facebook
 - ▶ Twitter
- And REPOST our posts to spread the word
- Share your example data
- Share your best and most impressive example dataset with us
 - ▶ Trial datasets must be excellent example and preferably *large*

Next : Partner Meeting

- Save the Date :
 - ▶ Mon. Sept 25, 2017
 - ▶ Intergeo, Berlin

 - ▶ Releases : v18 and 3DMC
 - ▶ Partner Valuation Program
 - ▶ Agenda and location tba

INTERGEO, BERLIN, GERMANY



Intergeo is known as the global hub of the geospatial community. More than 550 exhibitors from 30 countries are visiting this major event. Come along and be part of this international industry hub. Orbit GT is proud to host a booth and show its Mobile, UAS, Oblique and Indoor portfolio. Come and visit us in Berlin.

The event takes place in Berlin from Tuesday 26 till Thursday 28 September 2017.
Opening Hours are daily from 9 am till 6 pm.

We will be happy to welcome you at our stand and give an overview of our broad portfolio for indoor, mobile, uas, and oblique mapping. We're looking forward to your visit!

BERLIN 2017 INTERGEO®
26.-28. SEPTEMBER WISSEN UND HANDELN FÜR DIE ERDE

INTERGEO®

5 Take-Aways

- 1. Get Started**
- 2. Follow Blogs**
- 3. Follow and Share on Social Media**
- 4. Build Cases**
- 5. Partner Meeting at Intergeo**