



ORBIT GeoSpatial Technologies

Orbit Mobile Mapping - Product Portfolio – EUR/USD

Version of September 30th, 2016 - Products Version 17.0

*From above date on, all previously existing prices and tariffs expire and are replaced by the prices stated in this document.
The prices in this document are the only binding until the publication of a new price list document.*

Mobile Mapping Product Portfolio and Reference Prices

This document may appear either as independent document or as addendum to an Agreement.

This document lists the products and their **Base Price**. For descriptions of the products, please consult the according online product documentation, fact sheets, product comparison sheets, knowledge base and other descriptions made available by Orbit GT, via www.orbitgt.com or other channels.

The Base Price is the price due for a **Purchase**. Prices in accordance to other Sales Models can be calculated from this price as indicated on the Sales Models document.

For more information regarding prices and sales models, please contact your Orbit GT Account Manager.

Prices that are underlined have been updated since previous version or indicate a new product.

1. Mobile Mapping Professional Desktop Portfolio

1.1. Stand-Alone Desktop Products

The Desktop products are sold **per seat**. All Orbit Desktop products are available in stand-alone (S/A). "Feature Extraction Standard" is also available in client-server, see 1.2.

DESKTOP PRODUCTS	NAME	SPECS	PRODUCT CODE	BASE PRICE EUR PURCHASE	BASE PRICE USD PURCHASE
MM Content Manager	MM Content Manager	stand-alone	OMM-CMAN	<u>9 500 €</u>	\$ 11 400
MM Feature Extraction	MM Feature Extraction Basic	stand-alone	OMM-FE/BC	4 000 €	\$ 4 800
	MM Feature Extraction Standard	stand-alone	OMM-FE/STD	<u>9 500 €</u>	<u>\$ 11 400</u>
	MM Feature Extraction Pro	stand-alone	OMM-FE/PRO	15 000 €	\$ 18 000
MM Blur & Erase	MM Blur & Erase QC	Quality control	OMM-BEQC	4 500 €	\$ 5 400
	MM Blur & Erase Production	Fast production tool	OMM-BEP	<u>2 500 €</u>	<u>\$ 3 000</u>
MM Explorer	MM Explorer		OMM-EXPL	1 000 €	\$ 1 200

MM Content Manager is an indispensable tool for Data Collection teams, with many post-collection functionalities such as a catalog, trajectory adjustment, detect doubles / missing parts, (automated) point cloud ghost cleaning, positional accuracy control, post capture alignment, georeferencing, consolidation, delivery, export and upload to the cloud.

MM Feature Extraction Basic is the entry-level Feature Extraction product, including measurements, copy-to-feature, register into GIS layers.

MM Feature Extraction Standard contains **MM Feature Extraction Basic** plus "Asset Inventory" workflows (formerly known as Asset Inventory Bundle). Adds also (semi-) autodetection feature extraction tools.

MM Feature Extraction Pro includes **MM Feature Extraction Standard**, "Clash Detection" "Profiles", "Volumes" and "Contour Lines".

MM Blur & Erase QC is the stand-alone workstation to blur/erase imagery, prepare for blurring service, consolidate blurring service, QC, process imagery, prepare real-time blurring, and process user feedback.

MM Blur & Erase Production is a fast registration tool to identify areas of interest that require blurring.

MM Explorer is a view-only desktop tool, requires data to be prepared by the **MM Content Manager**.

1.2. Client-Server Desktop Products

MM Feature Extraction Standard is available in a client-server setup. As many clients as needed can be delivered. Prices below list most common purchases regarding the number of concurrent clients.

DESKTOP PRODUCTS

MM Feature Extraction

NAME	SPECS	PRODUCT CODE	BASE PRICE EUR PURCHASE	BASE PRICE USD PURCHASE
MM Feature Extraction Std C/S	standard - 2 clients	OMM-FE/CS/2	<u>16 150 €</u>	<u>\$ 19 300</u>
MM Feature Extraction Std C/S	standard - 3 clients	OMM-FE/CS/3	<u>22 800 €</u>	<u>\$ 27 360</u>
MM Feature Extraction Std C/S	standard - 4 clients	OMM-FE/CS/4	<u>26 600 €</u>	<u>\$ 31 920</u>
MM Feature Extraction Std C/S	standard - 5 clients	OMM-FE/CS/5	<u>28 500 €</u>	<u>\$ 34 200</u>
MM Feature Extraction Std C/S	standard - 10 clients	OMM-FE/CS/10	<u>38 000 €</u>	<u>\$ 45 600</u>
MM Feature Extraction Std C/S	standard - per extra client from #11 onwards	OMM-FE/CS/Add1	<u>1 000 €</u>	<u>\$ 1 200</u>

2. 3D Mapping Cloud Portfolio

From version 17 on, the Orbit GT 3D Mapping Cloud is the primary way to bring data online, publish it and share it over the internet, via Orbit GT plugins and by integrating the viewer in any application.

The 3D Mapping Cloud is a self-service online application to which you can upload data in a few different ways:

- By using the “**Upload**” button in the account’s Console webpage : only advised for single files (e.g. a point cloud las file).
- By using the **MM Content Manager** upload tool : advised for Mobile Mapping projects or other multi-file datasets.
- By using the Orbit GT **Disc Shipping** service : for projects that exceed the upload capacity (depending on your internet connection capabilities).

The 3D Mapping Cloud operates with **Named Users**. Named Users are different from concurrent users as they individually know and identify each user. Named Users cannot be passed from one person to another as it is strictly individual.

The customer can connect to the 3D Mapping Cloud by choosing a Plan – this plan states the amount of Named Users you wish to have in your 3D Mapping Cloud. Each plan can be paid per month or per year, and plans can be changed over time fairly easy.

Customers also need to define a certain volume of **Storage** space to save their data (if any).

Orbit GT 3D Mapping Cloud <i>Service per customer, per named user,</i> <i>includes Hosting Hardware and Facilities,</i> <i>includes upgrades and maintenance.</i>	3D Mapping Cloud - Monthly Plan	5 Named Users	3DM-CLOUD-STARTER-MO	120 €	\$ 144	price PER MONTH
	3D Mapping Cloud - Monthly Plan	25 Named Users	3DM-CLOUD-TEAM-MO	400 €	\$ 480	price PER MONTH
	3D Mapping Cloud - Monthly Plan	100 Named Users	3DM-CLOUD-COMP/S-MO	1 200 €	\$ 1 440	price PER MONTH
	3D Mapping Cloud - Yearly Plan	5 Named Users	3DM-CLOUD-STARTER-YR	1 368 €	\$ 1 642	price PER YEAR
	3D Mapping Cloud - Yearly Plan	25 Named Users	3DM-CLOUD-TEAM-YR	4 560 €	\$ 5 472	price PER YEAR
	3D Mapping Cloud - Yearly Plan	100 Named Users	3DM-CLOUD-COMP/S-YR	13 680 €	\$ 16 416	price PER YEAR
	3D Mapping Cloud - Storage	Storage per 1 TB	3DM-CLOUD-TB	50 €	\$ 60	per 1 TB per month
	3D Mapping Cloud - 3rd Party	Storage 3rd party cloud support	3DM-CLOUD-3RDCLD	1 000 €	\$ 1 200	per month, per run

Payments must be arranged via **online registration** with **credit card**.

This cloud service is planned to become available from Q1 2017. For more information, consult the orbitgt.com website.

3. Mobile Mapping Publisher Portfolio

The MM Publisher is intended for On-Premises installations, for those customers who cannot use the Cloud solution for practical or legal reasons. Prices of several other products depend on the price of the Publisher at hand (see 3.3).

The MM Publisher price is based on a 4-core server and supports unlimited size of data, amount of runs, projects and publications, amount of declared users.

Most important features of the MM Publisher :

- Publishes Mobile Mapping data to the web, mobile device, SDK and to Integrated Solutions
- Includes Web client
- Contains online configuration console
- Contains basic Import & setup tool for Mobile Mapping content
- Combines Mobile Mapping projects, base maps 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
- Free iOS App available

Applications for web and mobile device, use of SDK and Integrated Solutions are called "consumers". They can be provided with data by a single Publisher. "Concurrent users" apply to all of these consumers together.

3.1. MM Publisher for On-Premises deployment

The Orbit MM Publisher for On-Premises is offered using a **number of concurrent users**. All Publisher licenses are ELA (Enterprise Licenses) thus **unlimited throughout the organization**, with a **maximum** of concurrent users, **for internal use and for internet use**. The following list shows the Base Price **up to** a number of **concurrent users** :

PUBLISHER PRODUCTS

MM Publisher for On Premises
*Price Scales by
Concurrent Use
Based on a 4-core server*

NAME	SPECS	PRODUCT CODE	BASE PRICE EUR PURCHASE	BASE PRICE USD PURCHASE
MM Publisher – On Premises	users. 50	OMM-PUB-50-CORE/4	<u>30 000 €</u>	<u>\$ 36 000</u>
MM Publisher - On Premises	users. 100	OMM-PUB-100-CORE/4	<u>40 000 €</u>	<u>\$ 48 000</u>
MM Publisher - On Premises	users. 1 000	OMM-PUB-1000-CORE/4	<u>65 000 €</u>	<u>\$ 78 000</u>
MM Publisher - On Premises	users. 5 000	OMM-PUB-5000-CORE/4	<u>80 000 €</u>	<u>\$ 96 000</u>
MM Publisher - On Premises	users. unlimited	OMM-PUB-UNLIM-CORE/4	<u>120 000 €</u>	<u>\$ 144 000</u>

3.2. Plugins based on the MM Publisher

Mobile Mapping Plugins for 3rd party applications or hosts are developed using the Orbit WebClient SDK and need to connect to a MM Publisher in order to operate. MM Plugins are “consumers” of the MM Publisher and thus count as concurrent users for the Publisher’s license, if applicable.

3.2.1. Per Seat

The following table lists plugins for a few popular 3rd Party host systems, **per seat** :

MM Plugins <i>Per concurrent seat License</i>	MM for ArcGIS for Desktop	single seat	OMM-PUB-PLG/ARCG	600 €	\$ 720
	MM for AutoCAD	single seat	OMM-PUB-PLG/ACAD	600 €	\$ 720
	MM for Microstation	single seat	OMM-PUB-PLG/MCRS	600 €	\$ 720
	MM for QuantumGIS	single seat	OMM-PUB-PLG/QGIS	600 €	\$ 720
	MM SDK for 3 rd party	single seat	OMM-PUB-PLG/SDK	450 €	\$ 540

Important Note : The “MM SDK for 3rd Party” price excludes the cost that a 3rd Party may charge for their integration work.

3.2.2. Enterprise License

From a certain number of seats, it becomes better price to purchase an **Enterprise License (ELA)** for these plugins as listed here :

MM Plugins <i>ELA, 30 seats</i>	MM for ArcGIS for Desktop	ELA	OMM-PUB-ELA/PLG/ARCG/30	15 000 €	\$ 18 000
	MM for AutoCAD	ELA	OMM-PUB-ELA/PLG/ACAD/30	15 000 €	\$ 18 000
	MM for Microstation	ELA	OMM-PUB-ELA/PLG/MCRS/30	15 000 €	\$ 18 000
	MM for QuantumGIS	ELA	OMM-PUB-ELA/PLG/QGIS/30	15 000 €	\$ 18 000
	MM SDK for 3 rd party	ELA	OMM-PUB-ELA/PLG/SDK/30	10 000 €	\$ 12 000

Important Note : The “MM SDK for 3rd Party” price excludes the cost that a 3rd Party may charge for their integration work.

Above price is for 30 seats. If more seats are required, calculate as indicated below with the ArcGIS example :

MM Plugins - ELA 50 seats	MM for ArcGIS for Desktop	ELA	OMM-PUB-ELA/PLG/ARCG/50	22 500 €	\$ 27 000	for 50 seats = price of 30 seats *1,5
MM Plugins - ELA 100 seats	MM for ArcGIS for Desktop	ELA	OMM-PUB-ELA/PLG/ARCG/100	33 750 €	\$ 40 500	for 100 seats = price of 50 seats *1,5
MM Plugins - ELA 500 seats	MM for ArcGIS for Desktop	ELA	OMM-PUB-ELA/PLG/ARCG/500	101 250 €	\$ 121 500	for 500 seats = price of 100 seats *3

3.2.3. Single Website License

When the SDK is used for a one-time development to embed Mobile Mapping into a single web based solution (i.e. there are no further sales of that integration), there is a one time fee regardless the number of users of that plugin :

MM Plugin for Single Website	ELA - unlimited	OMM-PUB-ELA/WEB	15 000 €	\$ 18 000	Can only connect to a single Publisher within a single web-solution.
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3.3. Publisher-dependent Items

*Note : All of below listed items and prices are expressed as % of the price of the associated MM Publisher.
The Price of the MM Publisher is either the Base Price as listed above in 3.1 or a variation of it.*

3.3.1. MM Publisher on large servers

For servers with more than 4 cores, an additional surplus is calculated :

EXTRA SERVER CORES	NAME	SPECS	PRODUCT CODE	% OF PRICE
<i>Replacement Price</i>				
Upgrade to 8-core	MM Publisher - <..>	<i>As MM Publisher</i>	OMM-PUB-<..>-CORE/8	150%
Upgrade to 12-core	MM Publisher - <..>	<i>As MM Publisher</i>	OMM-PUB-<..>-CORE/12	175%
Upgrade to 16-core	MM Publisher - <..>	<i>As MM Publisher</i>	OMM-PUB-<..>-CORE/16	200%
Upgrade to unlim-core	MM Publisher - <..>	<i>As MM Publisher</i>	OMM-PUB-<..>-CORE/UNL	300%

In replacement : The Extra Cores versions are expressed as a % of the MM Publisher sale price and **replaces** the MM Publisher price.

WARNING : The MM Publisher detects the amount of cores available. If the detected amount of cores is not compliant with the License, the MM Publisher will downgrade to a trial license, expiring in 30 days.

As alternative to the above, it is possible to sell an upgrade per 4 COREs :

ADD 4 CORES

MM Publisher for On Premises

*Price Scales by
Concurrent Use
For each additional 4
cores*

NAME	SPECS	PRODUCT CODE	BASE PRICE EUR PURCHASE	BASE PRICE USD PURCHASE
MM Publisher – On Premises	users. 50	OMM-PUB-50-CORE/Add-4	<u>15.000 €</u>	<u>\$ 18.000</u>
MM Publisher - On Premises	users. 100	OMM-PUB-100-CORE/Add-4	<u>20.000 €</u>	<u>\$ 24.000</u>
MM Publisher - On Premises	users. 1 000	OMM-PUB-1000-CORE/Add-4	<u>32.500 €</u>	<u>\$ 39.000</u>
MM Publisher - On Premises	users. 5 000	OMM-PUB-5000-CORE/Add-4	<u>40.000 €</u>	<u>\$ 48.000</u>
MM Publisher - On Premises	users. unlimited	OMM-PUB-UNLIM-CORE/Add-4	<u>60.000 €</u>	<u>\$ 72.000</u>

3.3.2. Sustaining Server Pools

If a setup requires double servers, backup, recovery or testing instances, these supplementary MM Publishers can be purchased as a % of the price for the main MM Publisher :

LOAD BALANCING & RECOVERY	NAME	SPECS	PRODUCT CODE	% OF PRICE
<i>Supplementary Servers</i>				
Add Load Balancing Server	MM Publisher - <..>	As MM Publisher	OMM-PUB-<..>-LOAD	35%
Add Backup/Recovery Server	MM Publisher - <..>	As MM Publisher	OMM-PUB-<..>-RECOV	35%
Add Test Server	MM Publisher - <..>	As MM Publisher	OMM-PUB-<..>-DTAP	35%

In addition : The Supplementary MM Publishers are expressed as a % of the main MM Publisher price, taking into account its # of cores. The reference price for above calculation is thus the MM Publisher price corrected with the number of cores as listed in 3.3.1. The prices above relate to an additional MM Publisher license and is as such **in addition** to the base purchase.

4. Using Orbit GT Services

4.1. Using the Orbit GT Disc Shipping service

To transfer large volumes of data to the cloud, Orbit GT provides a Disc Shipping service. This service consists out of the customer sending over Cloud-ready data to Orbit GT, and Orbit GT packaging that data as prescribed by Microsoft Azure.

The Disc Service costs **3 Service Tickets per disc** (see section 5 below).

4.2. Using the Orbit GT Face & Plate detection service

When you publish street-level imagery to the public, blurring faces and license plates on street-level imagery may be required in order to comply with privacy laws.

Orbit GT offers a service to detect faces and license plates based on the volume of images that needs to be processed. The customer must prepare the imagery using the MM Blur and Erase QC tool, and will use the same tool to apply the results to the imagery, either by physical blurring of the imagery, either by preparing real-time blurring by the Publisher.

Orbit GT Face and Plate detection Service	MM Detection Service	Face & plate detection	OMM-FE/FPD-SRV/5K	2 000 €	\$ 2 400	first 5000 img.
	MM Detection Service	Face & plate detection	OMM-FE/FPD-SRV/250K	150 €	\$ 180	per next 5000 img.
	MM Detection Service	Face & plate detection	OMM-FE/FPD-SRV/--	Ask	Ask	ask

5. Training, Support & Consultancy

All Fees via Service Tickets

All training, support consultancy and other services are to be paid upfront as Service Tickets.

NAME	SPECS	PRODUCT CODE	BASE PRICE EUR PURCHASE	BASE PRICE USD PURCHASE
Service Ticket	pre-purchase, per ticket	OGS-TICKET-1	150 €	\$ 180
Service Ticket	pre-purchase, 10 tickets	OGS-TICKET-10	1.350 €	\$ 1 620
Service Ticket	pre-purchase, 50 tickets	OGS-TICKET-50	6.500 €	\$ 7 800

Training

Training fees exclude cost of travel, stay, optional office and/or IT rental and applicable taxes.

Trainees are considered to have prior proper knowledge of Mobile Mapping and GIS.

Training on-site allows up to 6 trainees, up to 10 present. Customer must provide IT and training infrastructure. Training at Orbit GT Office allows up to 4 trainees. Orbit GT provides IT and training infrastructure, trainees are requested to bring their own qualified laptop (BYOD).

NAME	SPECS	PRODUCT CODE	#SERVICE TICKETS
Standard 1 Day Training / Service	Orbit GT Office	OGS-TRN/OFF-1D	<u>7 service tickets</u>
Standard 1 Day Training / Service	OnSite	OGS-TRN/SITE-1D	<u>12 service tickets</u>
Standard 5 Day Training / Service	Orbit GT Office	OGS-TRN/OFF-5D	<u>30 service tickets</u>
Standard 5 Day Training / Service	OnSite	OGS-TRN/SITE-5D	<u>50 service tickets</u>

IMPORTANT : Training fees must be paid by purchased Service Tickets, not by Service Tickets earned for free.

Support

Support covers all other services next to training. Support fees exclude cost of travel, stay, optional office rental and applicable taxes.

A single Service Tickets is defined as assistance for one issue, problem, or question relating to the use or installation of an Orbit GT product, regardless of the number of communications required. To be eligible for Service Tickets, the same preconditions apply as for other support within the MSA, meaning that at least the requesting party must be properly trained for the product at hand.

A Personal Webinar is an online assistance at the same conditions as Service Tickets, with predefined agenda and scheduled in accordance.

NAME	SPECS	PRODUCT CODE	#SERVICE TICKETS
Personal Webinar	pre-purchase, per 1 hour	OGS-WEBINAR-1H	<u>2 service tickets</u>
Remote Installation Service	pre-purchase, 1 session	OGS-REMINST-1	<u>4 service tickets</u>
Post-Collection Calibration Service	pre-purchase, 1 session	OGS-PCAL-1	<u>10 service tickets</u>
Consultancy	Per day	OGS-CONS-1D	<u>15 service tickets</u>

All Service and Support conditions are described in the EULA, chapter Master Service Agreement, which prevails over this document.