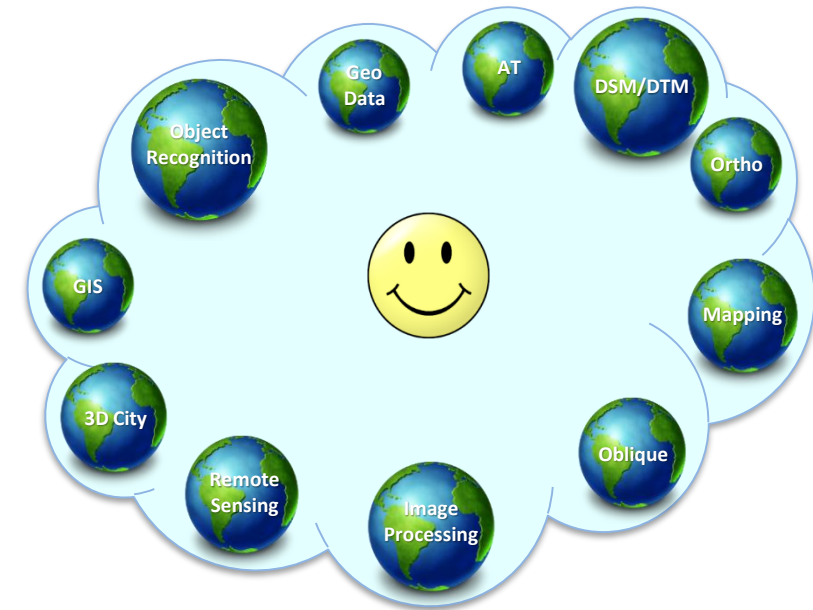


www.geocloud.work

Cloud-based Geospatial Workplace

www.geocloud.work – what is that?

- www.geocloud.work is a Software-As-A-Service (SaaS) worldwide **cloud-based** platform, which enables working with any **Desktop Software** through remote desktop technology (**RDP**) on a **Pay-per-Use** basis.
- www.geocloud.work offers **3rd party software** from variety of vendors that covers all domains of geoinformation: **geodesy, photogrammetry, mapping, cartography, remote sensing, GIS, image processing, point cloud processing** and **automatic object recognition**.













[Interview with Dr. Yuri Raizman, CEO of www.geocloud.work, at GIScafe](#)












Keywords:

Software-as-a-Service, SaaS, Geomatics, Geoinformation, Cloud-based, Pay-per-Use



Commercial Software available

Company	Software	Category	Country
 Agisoft	Metashape (former Photoscan)	AT & Camera calibration, Orthophoto, Photogrammetry, Point Cloud, 3D Models processing, UAV/UAS	Russia
 ICAROS	One Button	AT & Camera calibration, Orthophoto, Photogrammetry, Point Cloud, 3D Models processing, UAV/UAS	USA
 RACURS	Photomod, Photomod UAS, GeoMosaic, 3D Models, Radar, GeoCalculator	AT & Camera calibration, Orthophoto, Photogrammetry, Point Cloud, 3D Models processing, UAV/UAS, Stereo Mapping	Russia
 bingo SIMPLE. ACCURATE.	BINGO	AT & Camera calibration	Germany
 KB PANORAMA Geoinformation technologies	GIS "Panorama"	GIS, Map Production, Cartography Remote Sensing	Russia
 VisionOnSky	MASI – Modules for Satellite and Aerial Imagery	Photogrammetry, Point Cloud, 3D Models processing, Remote Sensing, UAV/UAS	China
 iH INNOVATIVE CENTRE	Image Media Center	GIS, Remote Sensing	Russia
 Keith W. Young	SURPAC	Surveying & Cadaster	South Africa
 LIMON Point Cloud Tools	LIMON	LiDAR data and Point Cloud processing	Poland
 GEOSCAN	Sputnik GIS, Sputnik AGRO	GIS, 3D & Point Cloud visualization, GIS for Agriculture, UAV/UAS	Russia
Coming soon!	Coming soon!	Coming soon!	...

Free or Open Source Software available

Company	Software	Category	Country
 QGIS	QGIS	GIS	Germany
	GRAS	GIS	Germany
	gvSIG (gvSIG Association)	GIS	Spain
	SAGA (Hamburg University)	GIS	Germany
	GeoDa (Chicago University)	GIS	USA
	CloudCompare	Point Cloud	France
	QT Reader (Applied Imagery)	Point Cloud	USA
	GIMP (GIMP-Team)	Image editor	Germany
	Paint.net (Getpaint.net)	Image editor	USA
	FugroViewer (Fugro)	Point Cloud Viewer	USA
	CloudCompare	Point Cloud Viewer	France
Many others

GeoData sets for SW testing and training

Company	Data	Category	Country
 VEXCEL IMAGING	TIFF, LAS files	Airborne images	Austria
 PHASE ONE INDUSTRIAL	TIFF files	Airborne / UAV / Drone images	Denmark
...

Self-service computers for software installation and testing

If you are a software developer or vendor, you can install and test your software by yourself, and make it available at [geocloud.work](https://www.geocloud.work) platform. If you are a mapping service provider, you can easily create your own [geocloud.work](https://www.geocloud.work) virtual machine with your licensed software to work with worldwide.

SELECT APPLICATIONS \$0.00 \$0.00 / hr Guest

Search

Companies

- Agisoft
- Racurs
- Dephos Group Soon!
- Icaros
- Keith W. Young (Pty) Ltd
- GIP, Dr. Kruck & Co.
- Novacenter
- KB Panorama
- VisionOnSky
- GEOSCAN

Categories 1 of 27 selected Clear

- Self-Service Computers for Software Installation & Testing

Every app comprises a computer with pre-installed legally licensed software. If you need to process several projects simultaneously you can select and work with unlimited number of apps.

Self-Service Computers for Software Installation & Testing X

	Self-Service Computer 1 v1.0 2vCPU, 8GB RAM General purpose small instance	\$0.86 → \$0.69 per hour Select
	Self-Service Computer 2 v1.0 4vCPU, 16GB RAM General purpose medium instance	\$1.49 → \$1.22 per hour Select
	Self-Service Computer 3 v1.0 8vCPU, 32GB RAM General purpose large instance	\$1.65 → \$1.34 per hour Select
	Self-Service Computer 4 v1.0 4vCPU, 61GB RAM, GPU 12GB Accelerated computing for general-purpose GPU compute applications	\$2.97 → \$2.20 per hour Select
	Self-Service Computer 5 v1.0 16vCPU, 122GB RAM, GPU 8GB Accelerated computing for graphics-intensive GPU compute applications	\$3.98 → \$3.36 per hour Select

Price Estimation Calculator

Price Estimation Calculator is a convenient tool to estimate your future expenses based on the number of hours and number of applications you are planning to use. After selecting applications at the [SELECT APPLICATIONS](#) page you can choose the Price Estimation button at the bottom of the page.






PRICE ESTIMATION



\$0.00
\$0.00 / hr

Guest ▼

Application	Instance	Expected Hours of Use	Number	Expected Price
	PhotoScan Pro-2 v.1.4.2	16vCPU, 122GB RAM, GPU 8GB	<input type="text" value="5"/> <input type="text" value="1"/>	\$29.87
	Photomod v.6.3.2179	4vCPU, 16GB RAM	<input type="text" value="5"/> <input type="text" value="1"/>	\$24.96
	Storage SSD	250GB ▼	<input type="text" value="5"/> <input type="text" value="1"/>	\$2.51
	Data transfer ? Standard <input type="checkbox"/> Enhanced <input type="checkbox"/>	\$0.50 / hour during 1st Period (250 hours)		
Your credit card will be charged at the beginning of every next month, only for the hours actually used.				Total estimation: \$57.34





Geospatial Resources: Software Vendors list

The most comprehensive Geospatial Software Vendors list shows you a variety of software vendors with the web-link to each of them. You can start working immediately with the applications presented at geocloud.work.

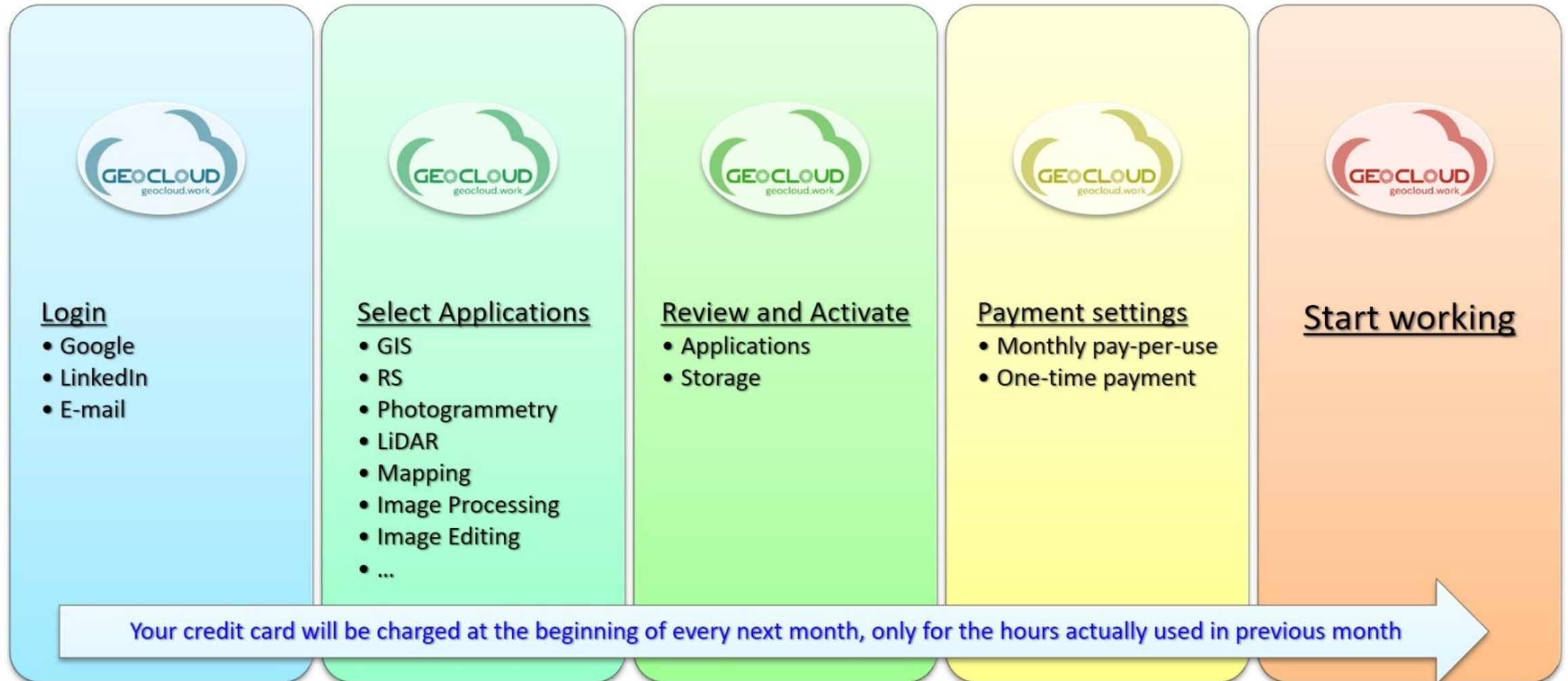
SOFTWARE WORKPLACE

Categories

- 3D Graphics
- 3D Modeling
- 3D Vector Model
- Aerial Triangulation
- Agriculture
- Archaeology and Cultural Heritage
- BIG DATA Analytics
- BIG DATA Processing
- BIM
- CAD
- Camera Calibration
- Cartography

Company ▲	Software	Description	<input type="checkbox"/> Ready for Use
Laserdata	LIS Pro 3D	Point Cloud	
Koeln Univeristy	AirPhoto SE	Photogrammetry	
KLT Associates	WinATLAS	Photogrammetry	
 Keith W. Young (Pty) Ltd	SURPAC Surveying Software	Advanced Software Solutions for Topographical, Engineering, Mining and Cadastral Surveys	\$1.97 → \$0.94 <input type="button" value="Start Working"/>
 KB Panorama	GIS "Panorama"	GIS, Remote Sensing, Raster data and 3D Models processing	\$1.59 → \$0.81 <input type="button" value="Start Working"/>
k2-photo	PATB	Aerial Triangulation	

Simple workflow



Main principles

Software-as-a-Service (SaaS)

- **3rd party software** installed on a **cloud-based** platform

Data-as-a-Service (DaaS)

- Unified **gate to worldwide 3rd party geospatial data**

Pay-per-Use

- Software on a **Pay-per-Use** basis

Cloud-based

- **Worldwide** cloud infrastructure coverage

Simplicity

- **Simple, user friendly and unified** approach to software & data

GeoCloud works for you!

Geospatial Professionals

- Use **licensed** preinstalled **up-to-date** geospatial software on a **pay-per-use** basis
- **Start your own** Geospatial business with **no investment** in Software and Computers
- **Cut** software **licenses**, in-house computers and IT support **costs**
- Execute **multiple projects** simultaneously
- Change **processing power** according to your requests
- **Work** from **home**, work from anywhere, work anytime

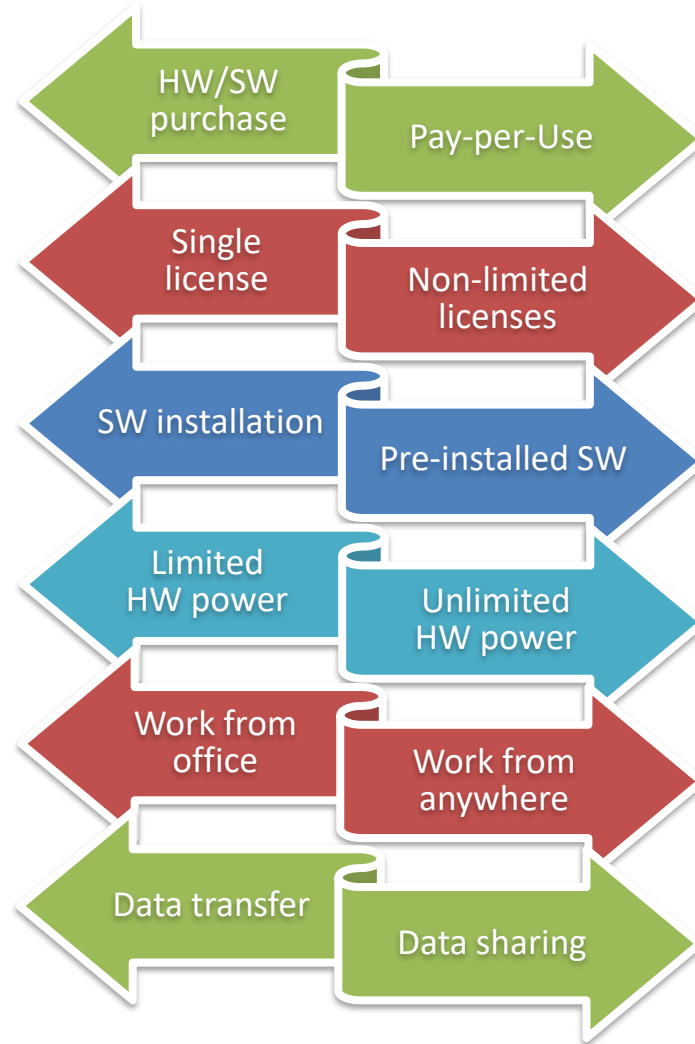
Software Vendors

- **Sell** your software **24/7** on a pay-per-use basis
- **Reduce** marketing, pre-sale and support **cost**
- Enjoy **one-time installation** for all your customers
- Get approach to diverse customers **worldwide**
- **Prevent** your software from **piracy**
- **Install and Test your SW** by yourself in the geocloud.work environment

Geospatial Data Providers

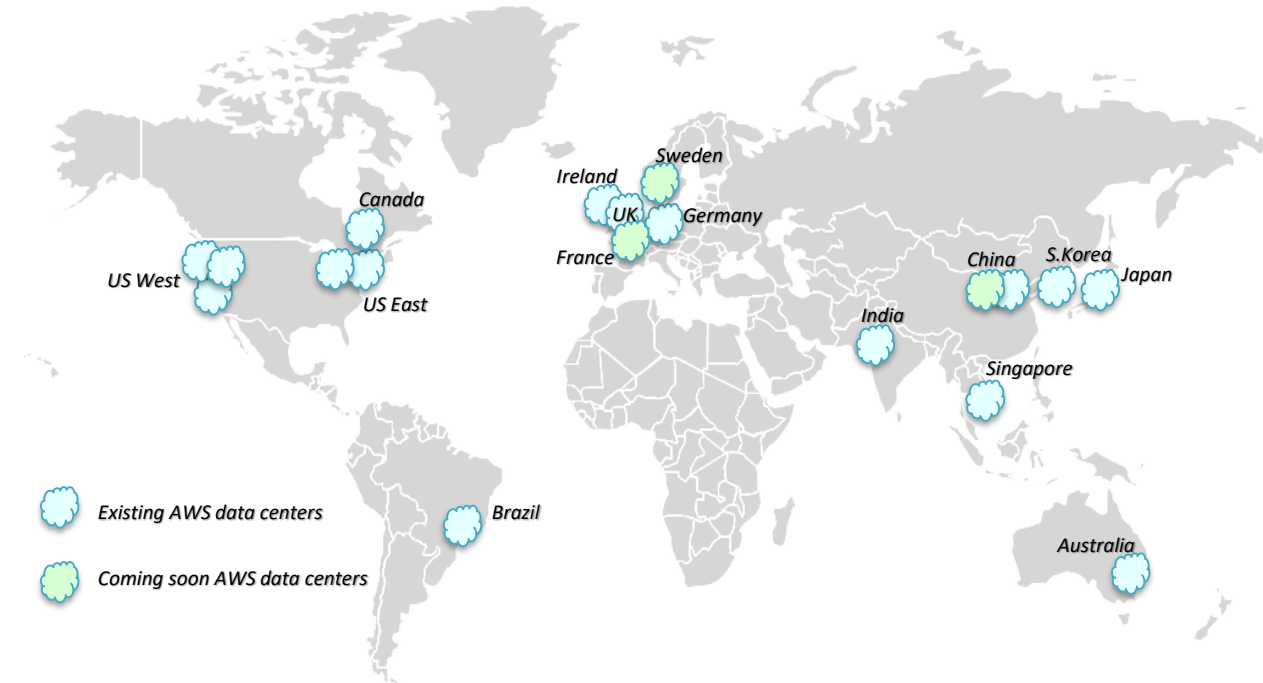
- **Sell** your data on a pay-per-use basis
- **Make** your data **available and affordable** for every project
- Get approach to diverse customers **worldwide**

From Desktop work to Cloud-based work



Technology based on Amazon Web Services (AWS)

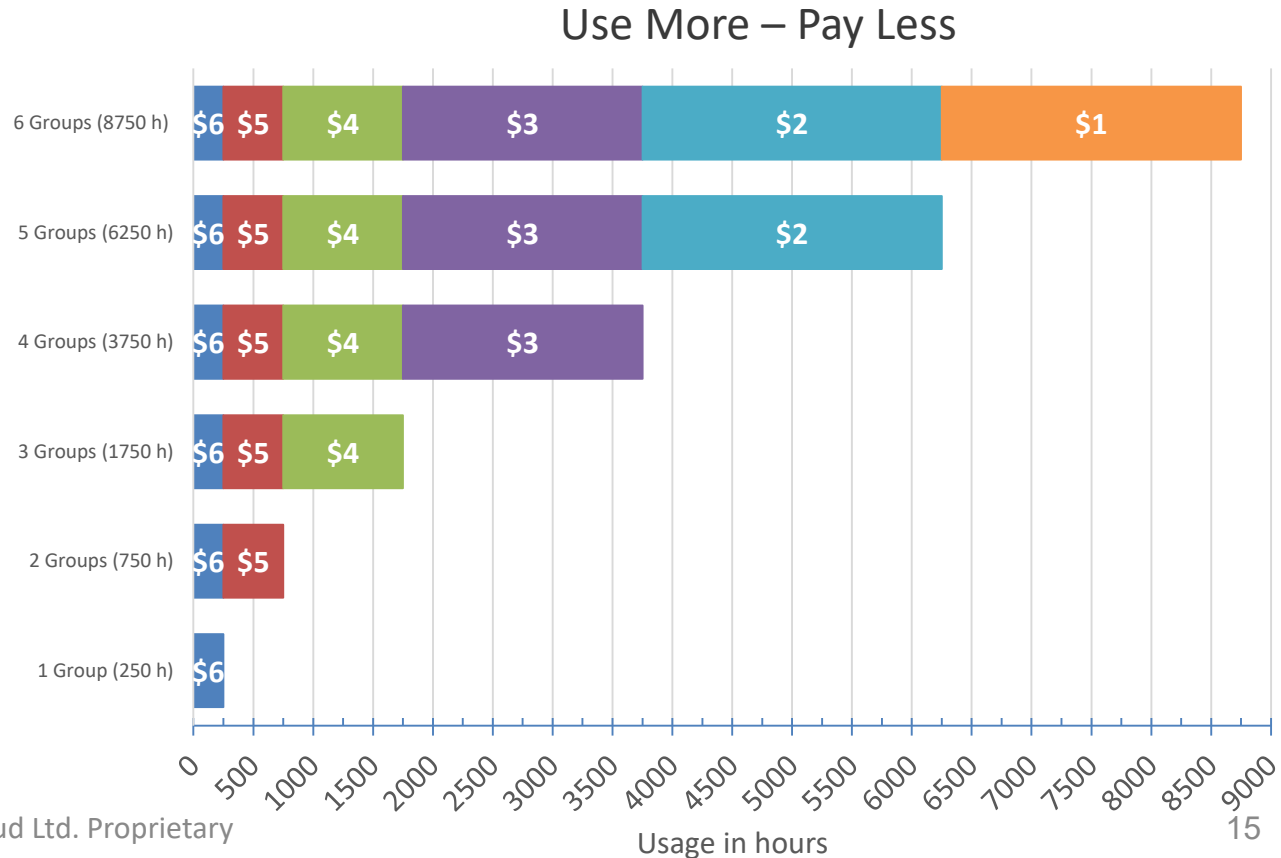
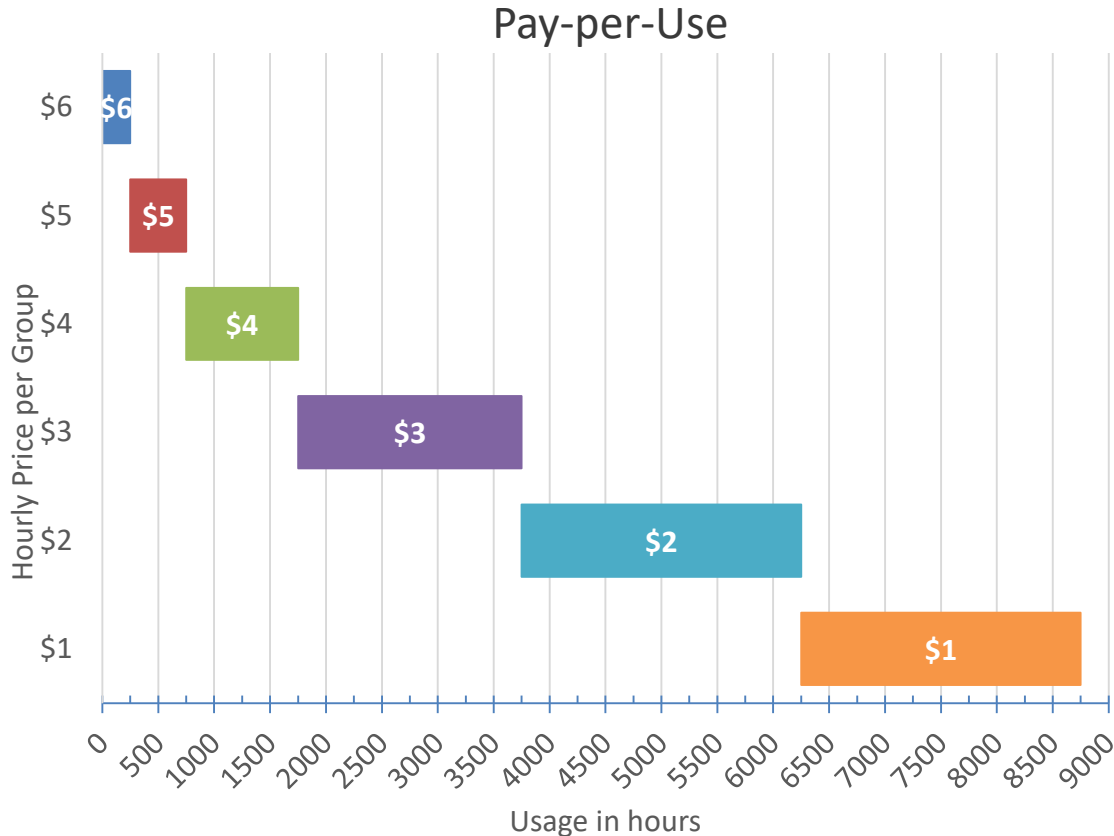
- AWS cloud provides:
 - Worldwide coverage - 19 AWS data centers
 - Large variety of computer configurations
 - Large variety of storage types
 - Large variety of network parameters
 - Hardware scalability
 - Support RDP and VDI approach
 - Support 3D data representation
 - Support stereo mapping



Pay-per-Use business model

- Hourly price for every Application and Storage
- Pay only for hours you used
- Usage hours are accumulated per Application and Storage
- Usage hours of several users belonging to the same account and using the same application are accumulated
- Usage hours are grouped in 6 consecutive usage groups: 250, 500, 1000, 2000, 2500, 2500 hours
- Hourly price is constant for every usage group and decreasing when passing from group to group
- User is charged at the beginning of every next month for hours actually used in previous month

Pay-per-Use business model

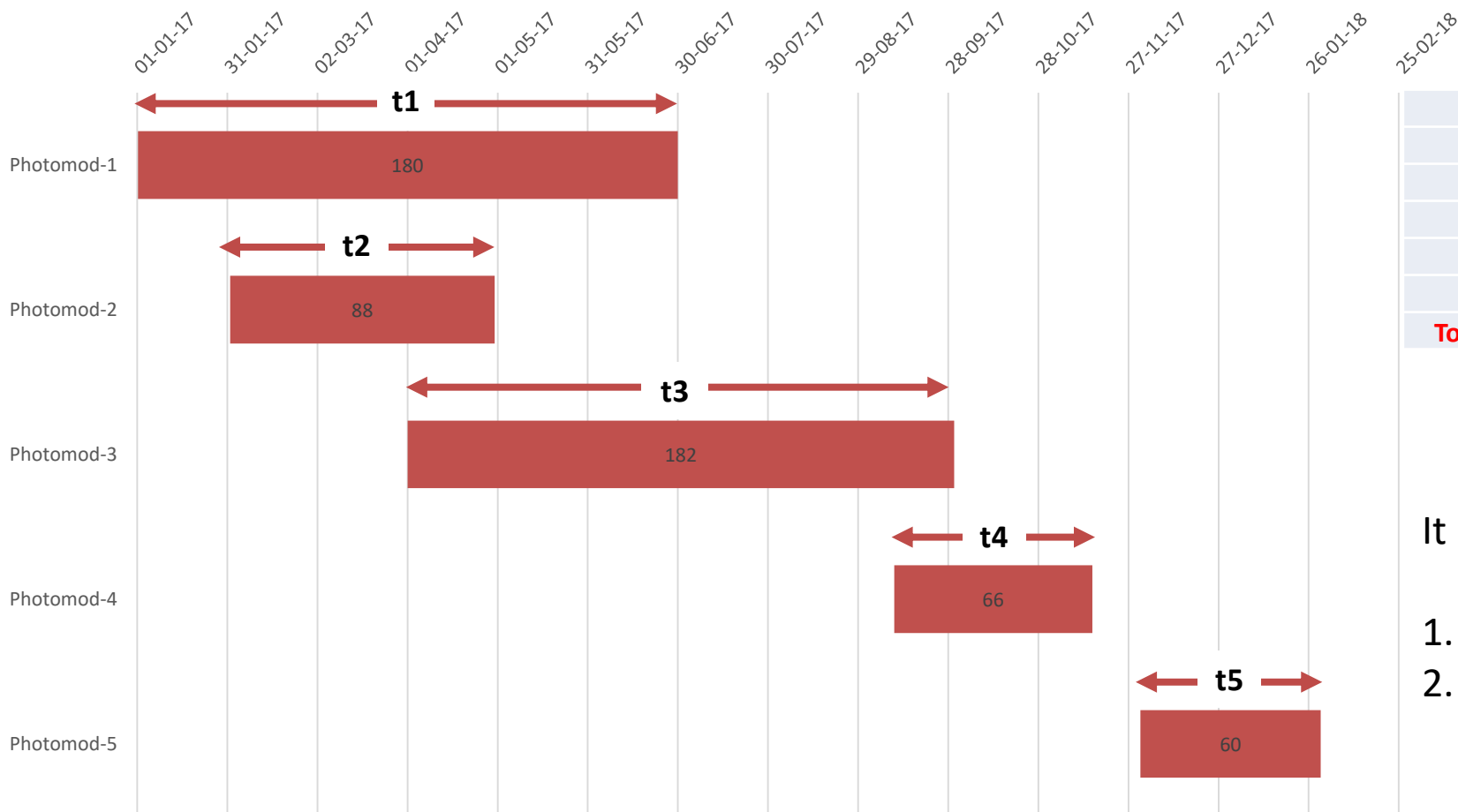


Comments: the prices are for illustration only



Usage hours counting

Usage hours of several users belonging to the same account and using the same application are accumulated



Software	Start Date	End Date	Duration
Photomod-1	01-01-17	30-06-17	180
Photomod-2	01-02-17	30-04-17	88
Photomod-3	01-04-17	30-09-17	182
Photomod-4	10-09-17	15-11-17	66
Photomod-5	01-12-17	30-01-18	60
Total usage hours			576

$$T_h = t_1 + t_2 + t_3 + t_4 + t_5$$

It means that:

1. The first 250 hours will cost \$6 per hour
2. The rest hours (576-250=326) will cost \$5 per hour

Comments: the software name and prices are for illustration only

Thank You
from

www.geocloud.work