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 BUNDLE ADJUSTMENT	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
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

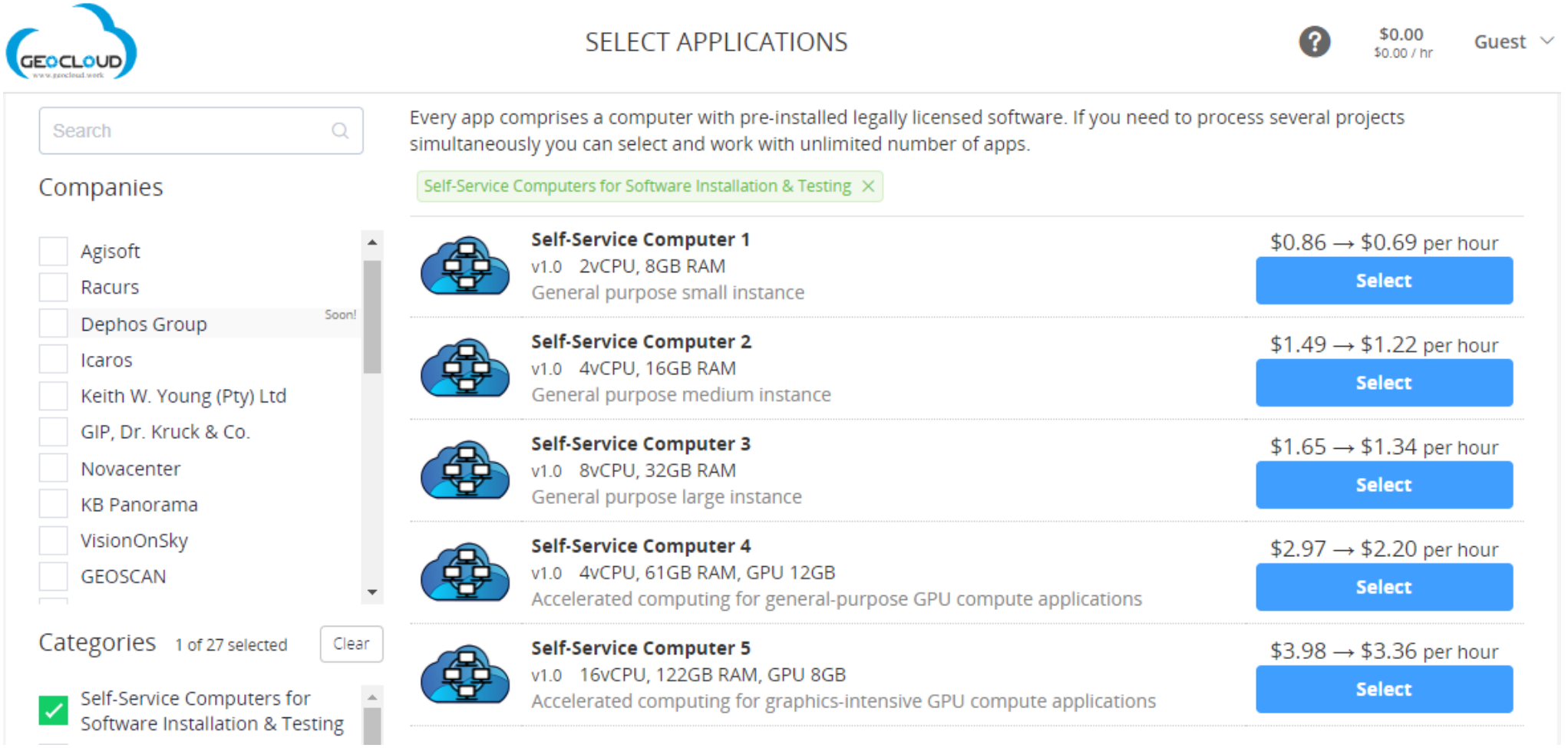
Company	Software	Category	Country
QGIS Trademark	QGIS	GIS	Germany
	GRAS	GIS	Germany
gvSIG	gvSIG (gvSIG Association)	GIS	Spain
	SAGA (Hamburg University)	GIS	Germany
GeoDa	GeoDa (Chicago University)	GIS	USA
CloudCompare	CloudCompare	Point Cloud	France
APPLIED IMAGERY	QT Reader (Applied Imagery)	Point Cloud	USA
	GIMP (GIMP-Team)	Image editor	Germany
	Paint.net (Getpaint.net)	Image editor	USA
FUGRO	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
PHASEONE INDUSTRIAL	TIFF files	Airborne / UAV / Drone images	Denmark
…	…	…	…

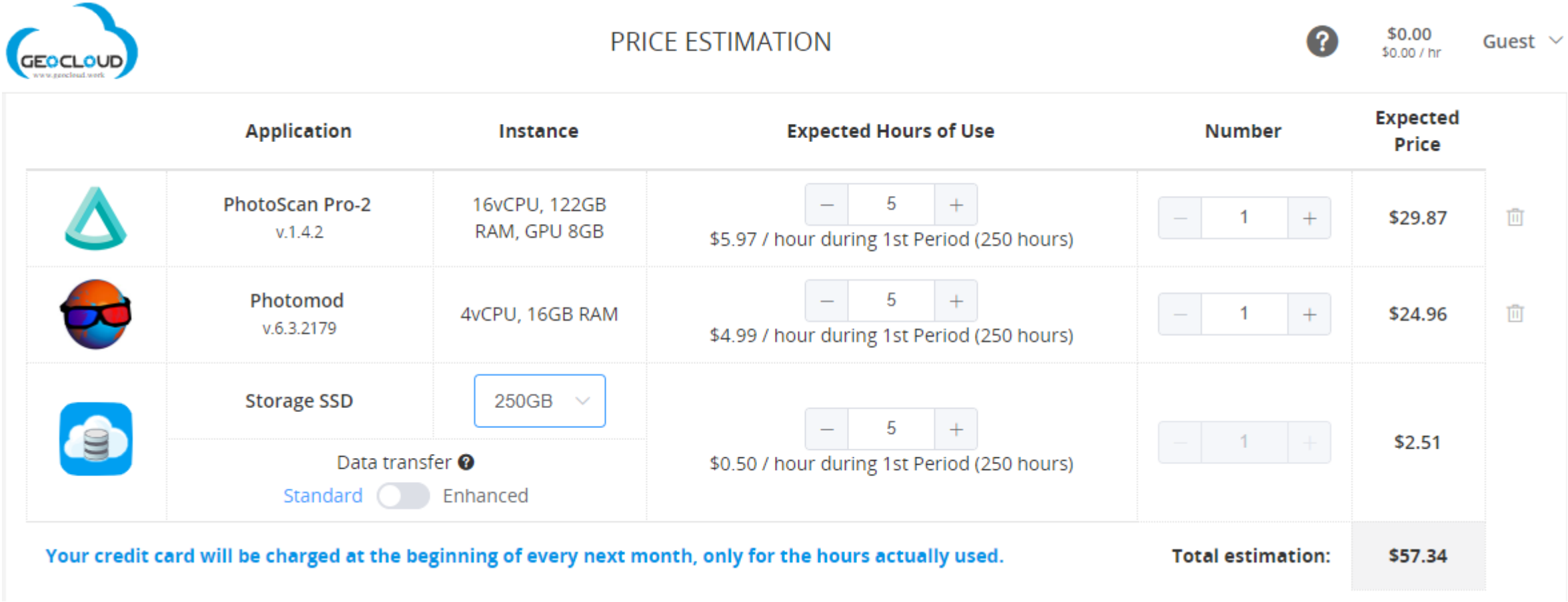
Self-service computers for software installation and testing

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



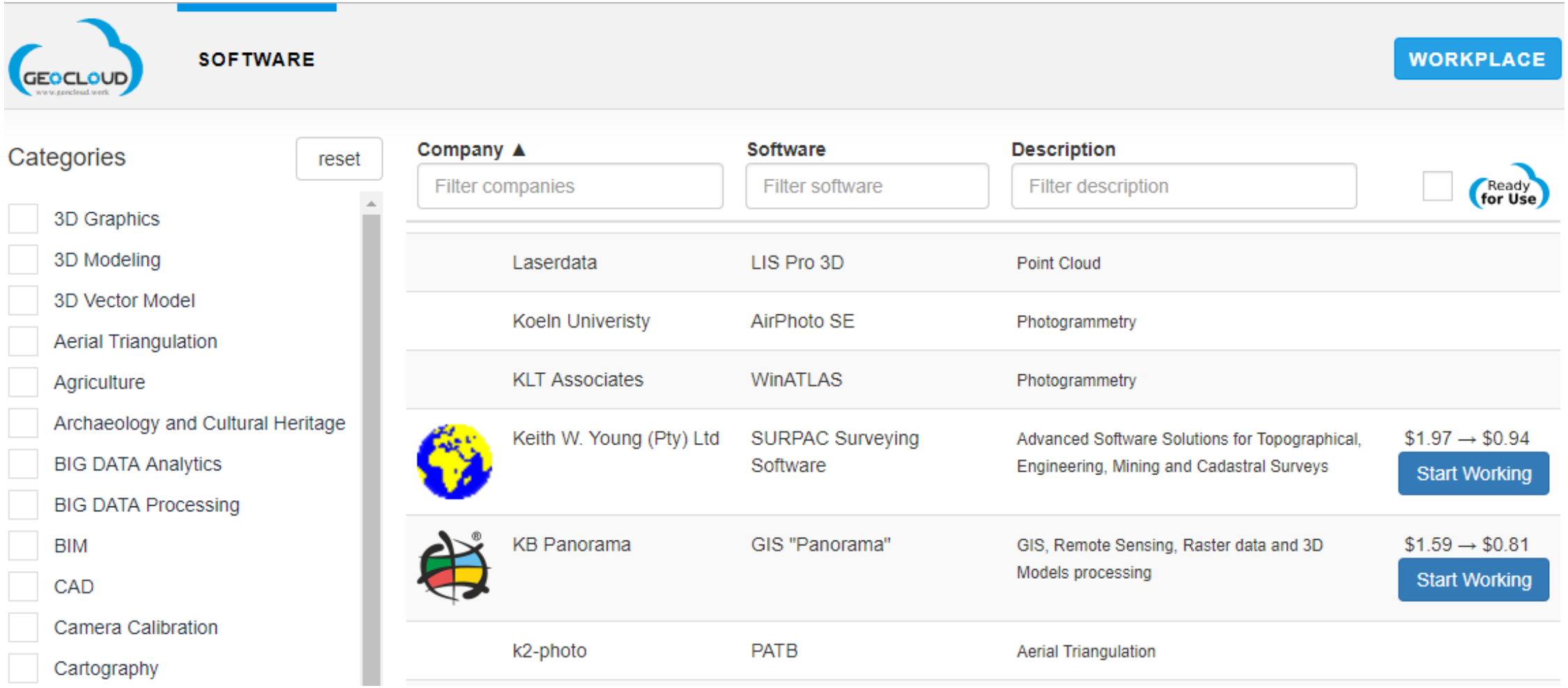
Price Estimation Calculator

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.

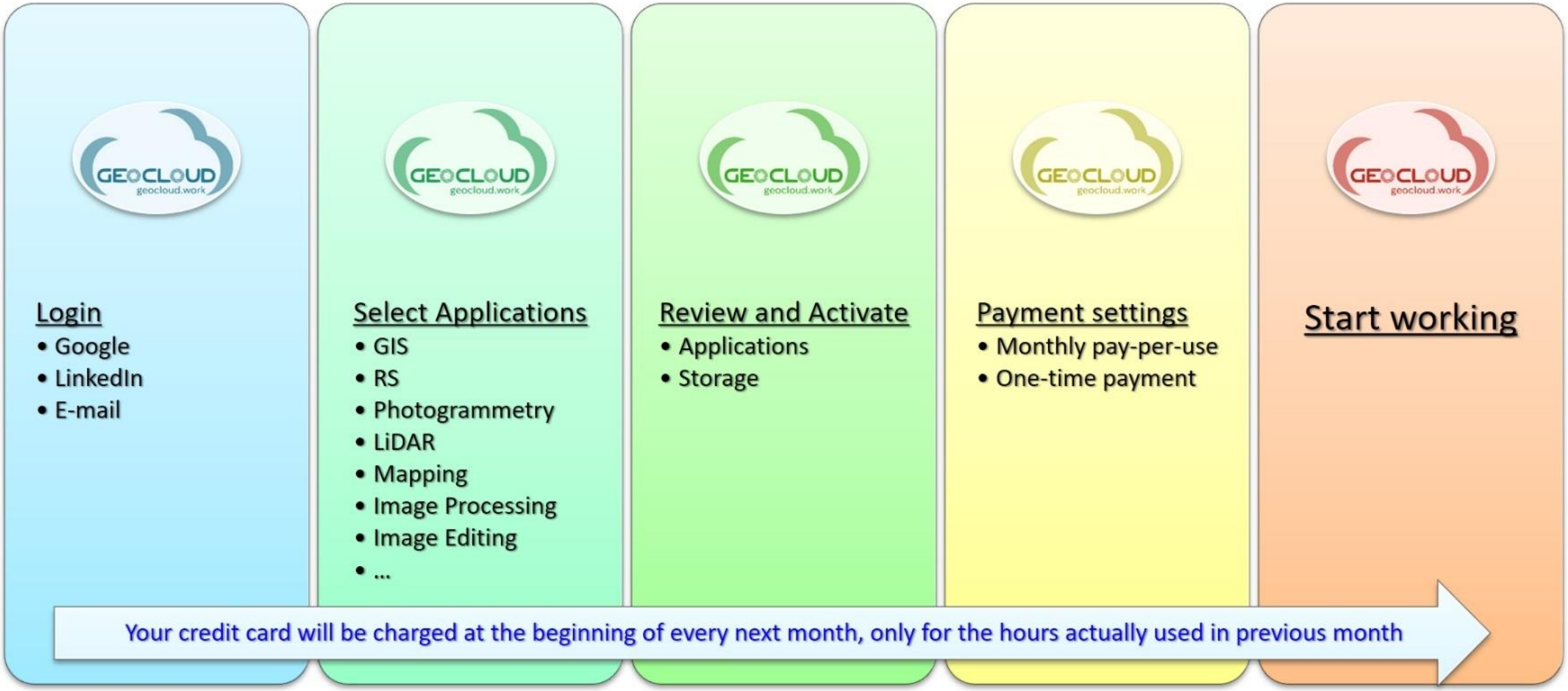


Geospatial Resources: Software Vendors list

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.



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

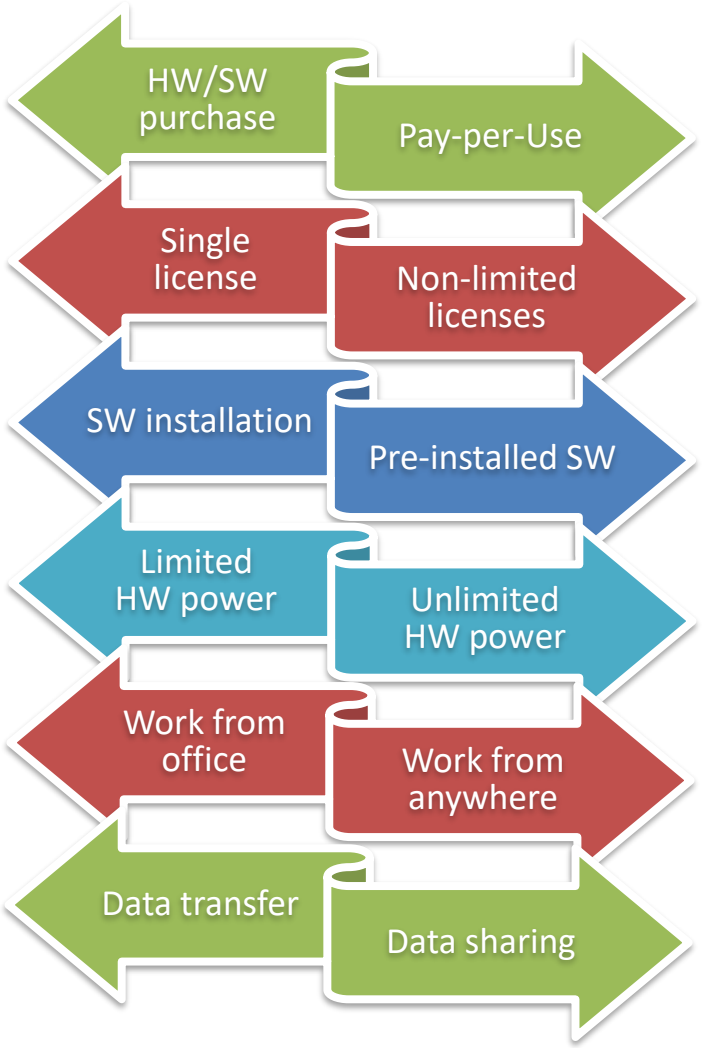
Software Vendors

- **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

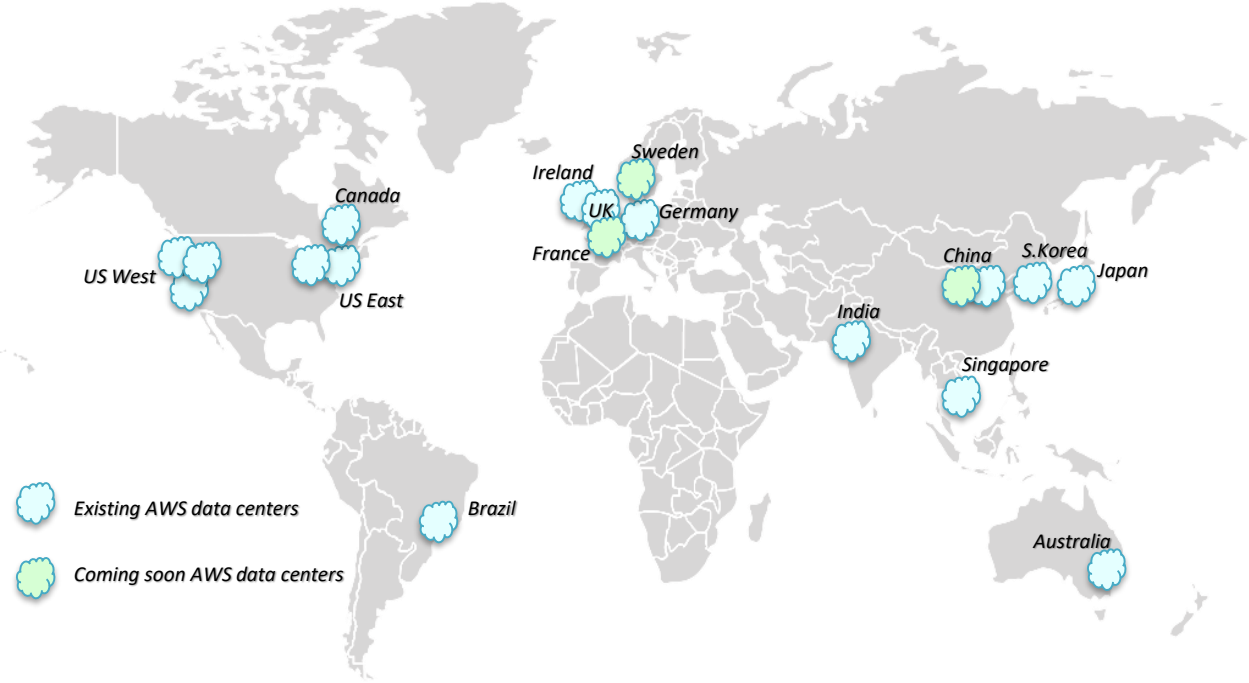
- **Sell** your data on a pay-per-use basis
- **Make** your data **available and affordable** for every project
- Get approach to diverse customers **worldwide**

From Desktop work to Cloud-based work



Technology based on Amazon Web Services (AWS)

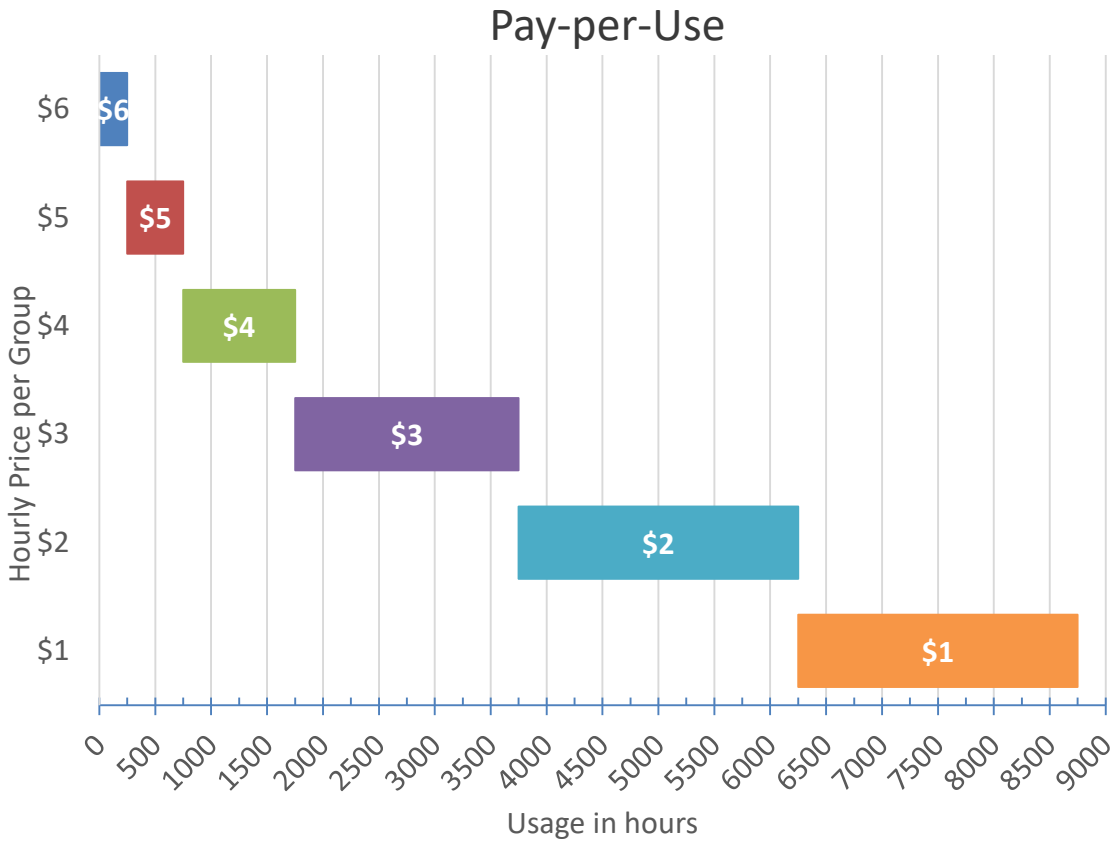
- AWS cloud provides:
  - Worldwide coverage - 19 AWS data centers
  - Large variety of computer configurations
  - Large variety of storage types
  - Large variety of network parameters
  - Hardware scalability
  - Support RDP and VDI approach
  - Support 3D data representation
  - Support stereo mapping



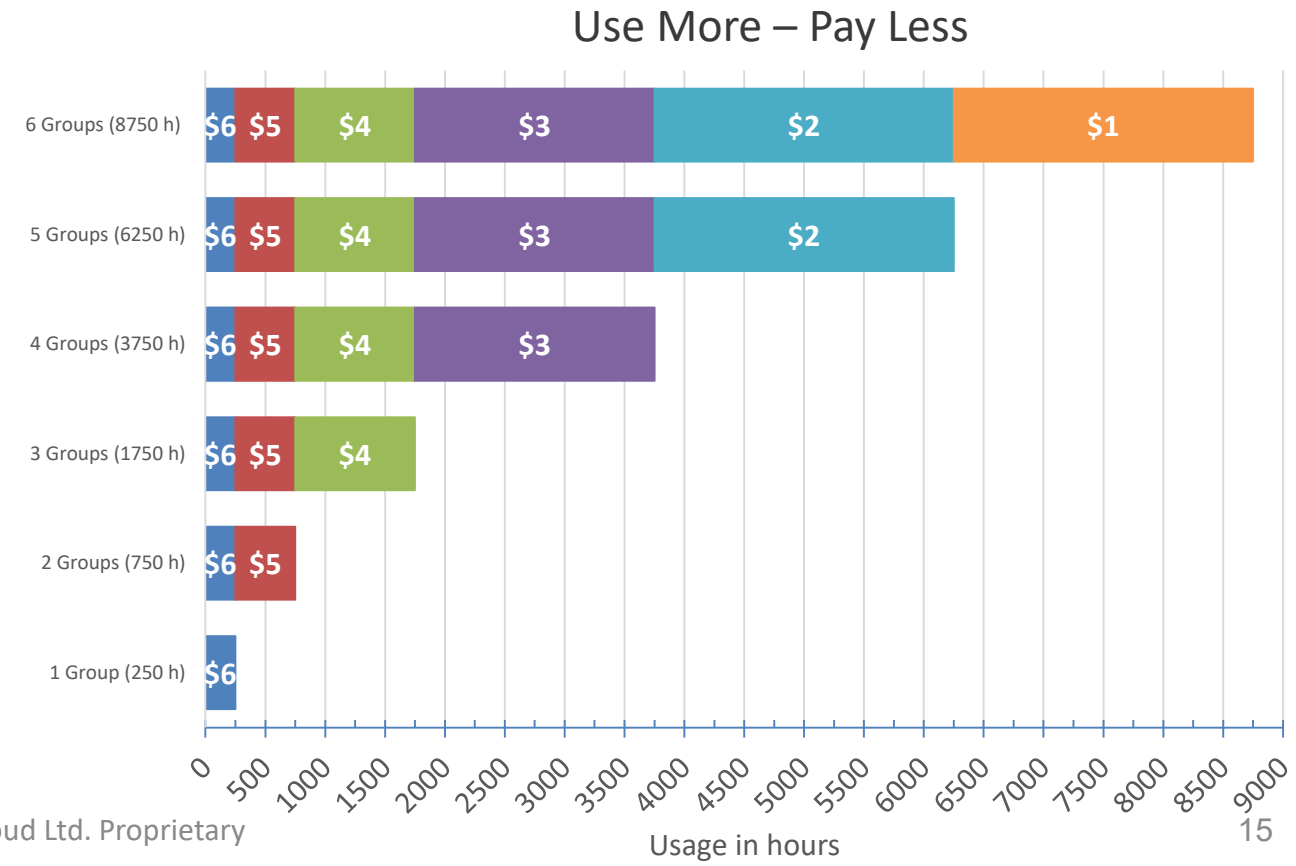
Pay-per-Use business model

- 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

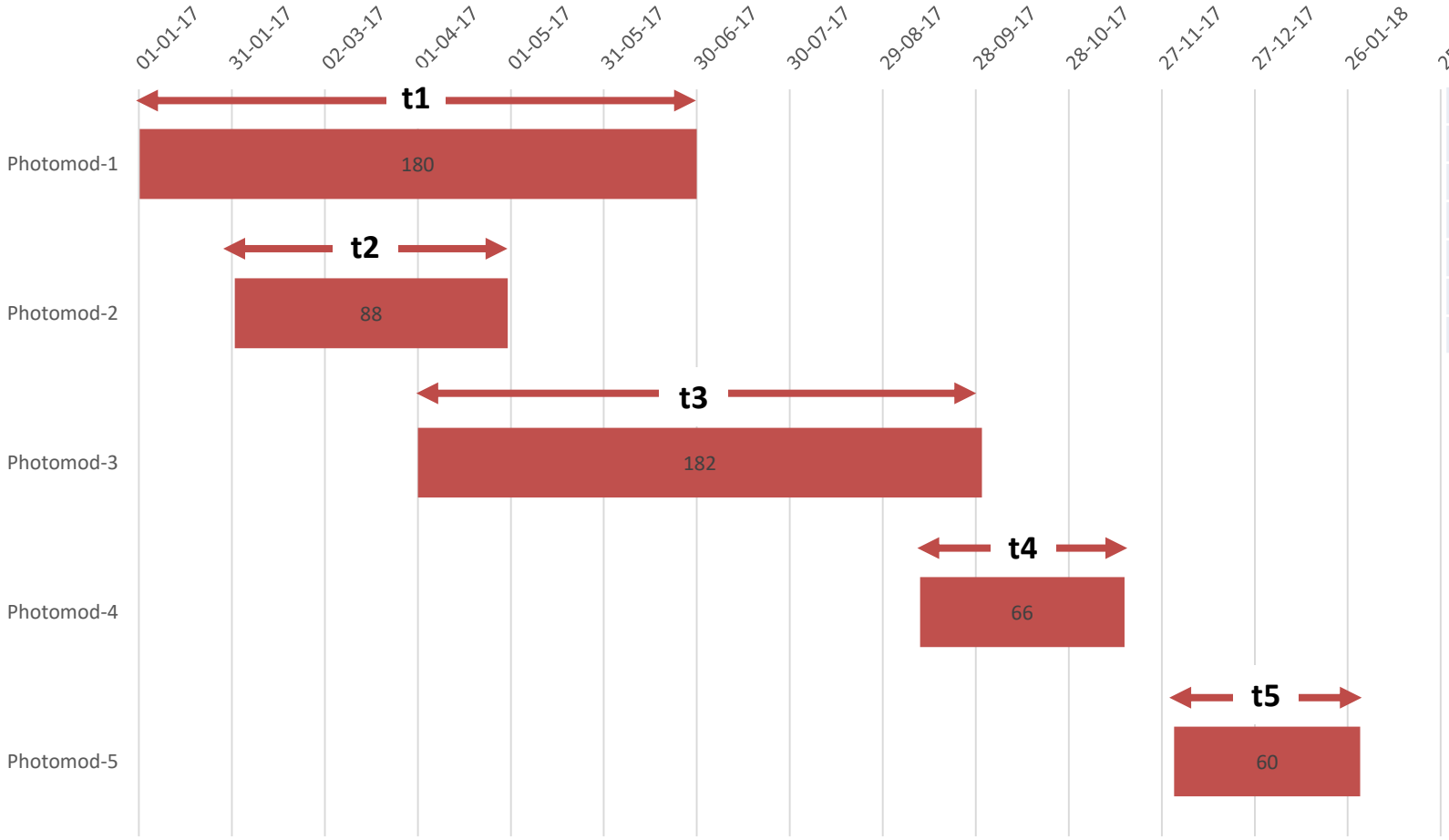


Comments: the prices are for illustration only



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**

$$Th=t1+t2+t3+t4+t5$$

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

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Thank You
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