

INTRODUCTION

UP42 is a geospatial marketplace and developer platform that provides easy access to Earth data and analytics. Our company has been providing satellite imagery and processing services since September 2019.

Today, UP42 is working with, and supplying, a majority of existing and emerging remote sensing companies globally. Among our core value propositions is the ease of access to a wide range of remote sensing data providers.

OVERVIEW

UP42 is the open platform and marketplace for Earth data and analytics. Our core mission is to democratize access to geospatial data, algorithms and computing infrastructure, making it easy to derive insights from geospatial data at scale.

The UP42 platform is a cloud based solution that is built to address 3 main challenges in accessing and working with large amounts of geospatial data:

- Removes technical and commercial barriers to access a wide range of geospatial data
- Provides out of the box access to a marketplace of data processing and machine learning algorithms to work with this data
- Automatic scaling up and down of compute infrastructure allows developers to run processing at scale and in parallel



Data Marketplace

Satellite
Aerial & Drone
Other



Processing Marketplace

Image processing
Machine learning
Custom algorithms



Platform

Developer Console
APIs
Compute Infrastructure

UP42 draws on various data sources including high-resolution Satellite imagery, SAR data, Aerial imagery, Digital Elevation Models, Marine AIS data, Weather data, and more. UP42's platform offers companies and developers access to algorithms related to asset management, agriculture, damage assessment, object/change detection, among others; as well as tools to prepare satellite imagery for data analysis. In addition to relying on UP42's existing algorithms, developers and data scientists are able to upload their own processing algorithms to the platform to use together with assets from the marketplace. This greatly reduces development time to build scalable data processing pipelines.

GEOSPATIAL MARKETPLACE

All prices in EUROS are not taking into account potential discounts (credit volume discounts, specific volume discounts, etc.).

Data PriceList

UP42 is a geospatial marketplace that aggregates data access across a wide variety of different geospatial data providers.

				Archive		Tasking	
Provider	Sensor	Resolution	Mono/Stereo	Price	Min Order	Price	Min Order
Airbus	SPOT	1,5m	Mono	Processing: 0,03€ / tile* (3 credits / tile*) Download: 3,8€ / km ² (380 credits / km ²)	No min order	Achievable: 4,6€ / km ² (460 credits / km ²) Challenging: 6,9€ / km ² (690 credits / km ²)	500km ²
Airbus	SPOT	1,5m	Stereo	6,5€ / km ² (650 credits / km ²)	100km ²	Achievable: 7,8€ / km ² (780 credits / km ²) Challenging: 11,7€ / km ² (1170 credits / km ²)	500km ²
Airbus	SPOT	1,5m	Tristereos	8,4€ / km ² (840 credits / km ²)	100km ²	Achievable: 10€ / km ² (1000 credits / km ²) Challenging: 15€ / km ² (1500 credits / km ²)	500km ²

Airbus	Pléiades	50cm	Mono	Processing: 0,03€ / tile* (3 credits / tile*) Download: 10€ / km ² (1000 credits / km ²)	No min order	Achievable: 17€ / km ² (1700 credits / km ²) Challenging: 31€ / km ² (3100 credits / km ²)	100km ²
Airbus	Pléiades	50cm	Stereo	20€ / km ² (2000 credits / km ²)	25km ²	Achievable: 29€ / km ² (2900 credits / km ²) Challenging: 43€ / km ² (4300 credits / km ²)	100km ²
Airbus	Pléiades	50cm	Tristereo	30€ / km ² (3000 credits / km ²)	25km ²	Achievable: 50€ / km ² (5000 credits / km ²) Challenging: 64€ / km ² (6400 credits / km ²)	100km ²
Airbus	Pléiades Neo	30cm	Mono	18€ / km ² (1800 credits / km ²)	25km ²	Achievable: 26€ / km ² (2600 credits / km ²) Challenging: 50€ / km ² (5000 credits / km ²)	100km ²
Airbus	Pléiades Neo	30cm	Stereo	34€ / km ² (3400 credits / km ²)	25km ²	Achievable: 51€ / km ² (5100 credits / km ²) Challenging: 51€ / km ² (5100 credits / km ²)	100km ²
Airbus	Pléiades Neo	30cm	Tristereo	44€ / km ² (4400 credits / km ²)	25km ²	Achievable: 66€ / km ² (6600 credits / km ²) Challenging: 66€ / km ² (6600 credits / km ²)	100km ²
Head Aerospace	Superview	40cm	Mono	12€ / km ² (1200 credits / km ²)	25km ²	Achievable: 19€ / km ² (1900 credits / km ²) Challenging: +25-35%	100km ²

Head Aerospace	Jilin GXA	72cm	Mono	5€ / km ² (500 credits / km ²)	25km ²	Achievable: 10€ / km ² (1000 credits / km ²) Challenging: +25-35%	100km ²
Head Aerospace	Jilin Stereo	75cm	Stereo	10€ / km ² (1000 credits / km ²)	25km ²	Achievable: 18€ / km ² (1800 credits / km ²) Challenging: +25-35%	100km ²
Head Aerospace	GaoFen-2	80cm	Mono	5€ / km ² (500 credits / km ²)	25km ²	Achievable: 9€ / km ² (900 credits / km ²) Challenging: +25-35%	100km ²

* tile = 256x256 pixels; SPOT approx. 22 tiles / sqkm; Pléiades approx. 91 tiles / sqkm

Processing PriceList

UP42 offers processing algorithms off-the-shelf coming from third party providers.

Provider	Name	€	Credits	Unit
<i>Customer</i>	<i>Custom algorithm</i>	<i>NA</i>	<i>NA</i>	<i>NA</i>
Airbus	Wind Turbines Detection	1,5	150	km ²
Airbus	FieldFinder Europe SPOT	1,5	150	km ²
Airbus	Storage Tank Detection	1,5	150	km ²
Airbus	Change Detection	4	400	km ²
Airbus	FieldFinder Iowa SPOT	1,5	150	km ²
Airbus	Ship Detection	3	300	km ²
Aventior	Small Vehicle Detection	2	200	km ²
Aventior	Urban Super Resolution	1,5	150	km ²
Aventior	Large Vehicle Detection	2	200	km ² (output)
Aventior	Sports Facilities Detection	2	200	km ²
Aventior	Building Detection	2	200	km ²
Dymaxion Labs	Swimming pool object detection	0,99	99	km ²
Hyperverge	Infrastructure Change Detection Pleiades	4	400	km ²
Hyperverge	Infrastructure Change Detection SPOT	3	300	km ²
OneAtlas	Cloud Mask	0	0	km ²
Orbital Insight	Aircraft Detection	3	300	km ²
Orbital Insight	Truck Detection	3	300	km ²
Orbital Insight	Car Detection	3	300	km ²
Picterra	Building Bounding Box Detector	1	100	km ²
Pinkmatter	Settlement Mapping	2	200	km ²

QZ Solutions	EVI Calculator	0,01	1	km ²
QZ Solutions	ARVI Calculator	0,01	1	km ²
QZ Solutions	SIPI Calculator	0,01	1	km ²
QZ Solutions	Spectral Data Converter - RGB	0,05	5	km ²
QZ Solutions	Ctgreen Calculator	0,01	1	km ²
QZ Solutions	NDVI Calculator	0,01	1	km ²
QZ Solutions	SAVI Calculator	0,01	1	km ²
Similarity	Temporal Change Detection	2	200	km ²
Similarity	Similarity Dynamic Range Adjustment using Histogram Equalization	0,5	50	km ²
Spacept	Change Detector	3	300	km ²
Spacept	Shadow Detection	4,2	420	km ²
Spacept	Image Augmentor	0,35	35	km ²
Spacept	Tree Detection and Height From Shadow	12,6	1260	km ²
Spacept	Building Detector	0,38	38	km ²
Spacept	Tree Detection	8,4	840	km ²
UP42	K-means Clustering	0	0	km ²
UP42	Raster CRS Conversion	0	0	scene
UP42	NetCDF -> GeoTIFF Conversion	0	0	scene
UP42	Water Finder Pléiades/SPOT	0	0	km ²
UP42	NDVI	0,25	25	km ²
UP42	DIMAP -> GeoTIFF Conversion	0	0	scene
UP42	Time Series Image Statistics	0	0	km ²
UP42	Pan-sharpening	0	0	km ²
UP42	Co-registration	0	0	km ²
UP42	Super-resolution Pléiades/SPOT	0,8	80	km ²
UP42	Sharpening Filter	0	0	km ²
UP42	Raster Zonal Statistics	0	0	km ²
UP42	Flood Finder Pléiades/SPOT	0	0	km ²
UP42	Land Cover Classifier for Pléiades/SPOT	1,2	120	km ²
UP42	Raster Tiling	0	0	MB
UP42	Count Objects	0	0	km ²
UP42	NDVI Threshold	0	0	km ²
UP42	Vectorization	0	0	km ²
Vasundharaa	Normalized Difference Vegetation Index	0,01	1	MB
Vasundharaa	Normalized Difference Water Index	0,01	1	MB
Vasundharaa	Urban Estimation	0,5	50	km ²
Vasundharaa	Soil Adjusted Vegetation Index	0,01	1	MB
Vasundharaa	Deforestation Mapping	0,02	2	MB
Vasundharaa	Enhanced Vegetation Index	0,01	1	MB

UP42 CREDITS

Pricing on the UP42 marketplace is managed through UP42 credits.

1 UP42 credit is equal to €0.01 as a standard measure. These credits are used on data access, third-party algorithm use and cloud infrastructure.

Specific Volume Discounts

Some data or algorithms providers offer special volume discounts for a large usage of their products. These discounts are directly managed by the UP42 platform.