ATLAS IZEMZ
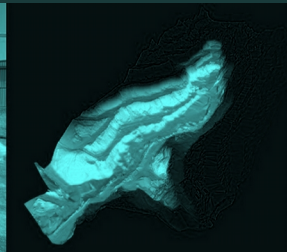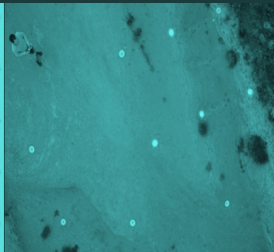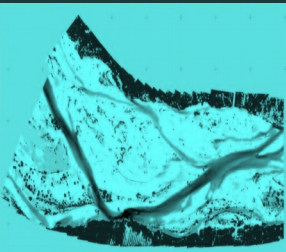# 3D ELEVATION PRODUCTS

MAKING NOTHING SOMETHING
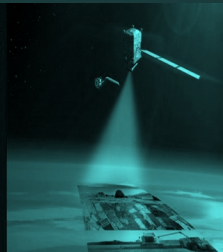
Atlas iZemZ Geospatial Systems is a company providing high quality 2D/3D/4D geoproducts
With capabilities spanning a broad range of sectors, we provide satellite, aerial images
analytics and we design geosystems to unlock your daily business issues

2D/3D/4D Elevation Satellite & Aerial Products

Systems Design

3D Reconstruction

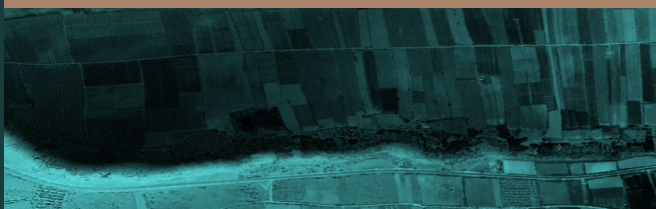**Cross Platform Apps**
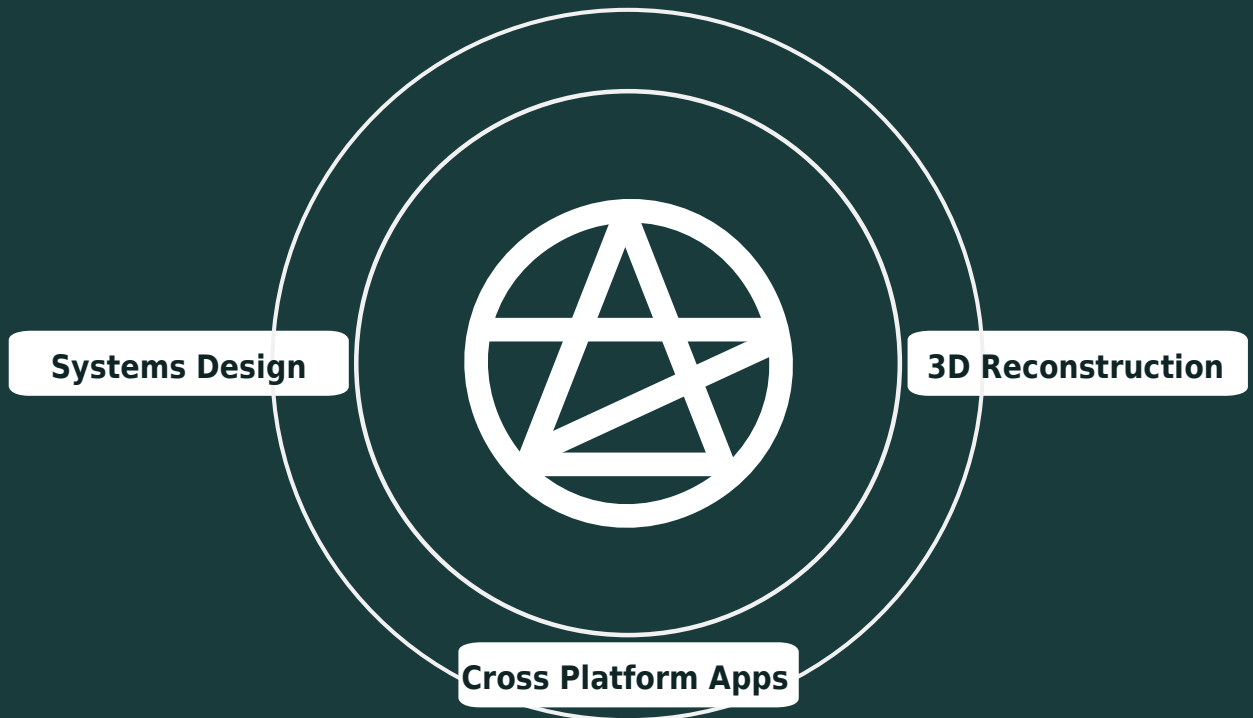
SATELLITE DEM - DTM

DEM - DTM - 3D MODEL - ORTHOPHOTO

Resolution 30-50cm, 1m, 2m..10m | Configuration (Mono,Tri, Multi)-Stereo
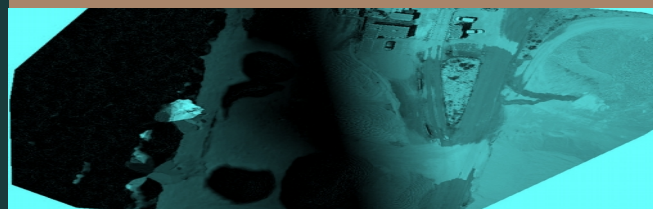
AIRCRAFT DEM - DTM

DEM - DTM – 3D MODEL - ORTHO
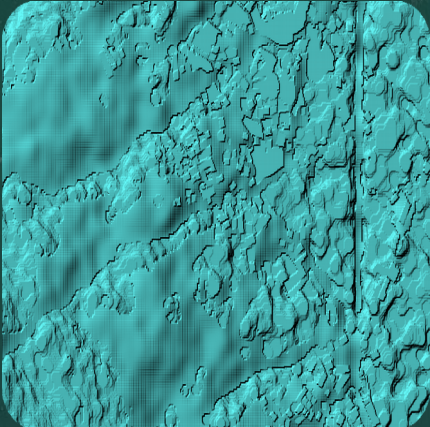

Resolution <=30cm| Configuration Multi-Stereo - Video
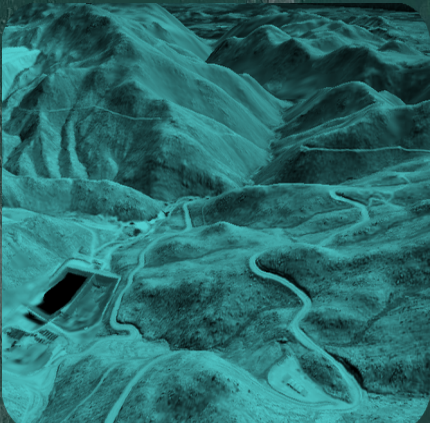
UAV DEM - DTM

DEM - DTM - 3D MODEL - ORTHO

Resolution <=10 cm |Configuration Multi-Stereo

OUR PRODUCTS PORTFOLIO AND PRICING

| Product	Description	Pricing
DSM-STANDARD VHR	Digital Surface Model is a representation of the earth surface, including building, trees..., in XYZ coordinates. DSM Standard product is a very high resolution model, generated from (multi-) stereo imagery using dense matching techniques. High level corrections and anomalies removal are applied to the data. Formats: GeoTIFF, XYZ ASCII.	**5-10$/km² with a minimum order of 100km²**
DSM-PREMIUM VHR	DSM Premium product is an improved version of the standard model. Automatic and semi-automatic corrections are applied to the data in order to sharpen and enhance its accuracy. (Buildings edges are sharpened for example) Formats: GeoTIFF, XYZ ASCII.	**10-20$/km² with a minimum order of 100km²**
3D TEXTURED MODEL	3D Textured Model is a natural color mesh approximating the surface of the globe. The textured mesh product provides smooth interaction and realistic 3D view of the scene. Formats: PLY, OBJ, COLLADA, CESIUM3D...	**10-20$/km² with a minimum order of 100km²**

DTM-DHM

Digital Terrain Model is a
representation
of the ground in XYZ coordinates.

Digital Height Model is a
representation of objects height in
XYZ coordinates. Those products are
derived from DSM Standard or
Premium.

Formats: GeoTIFF, XYZ ASCII.

**5-10$/km² with a minimum
order of 100km²**

CLUTTERS
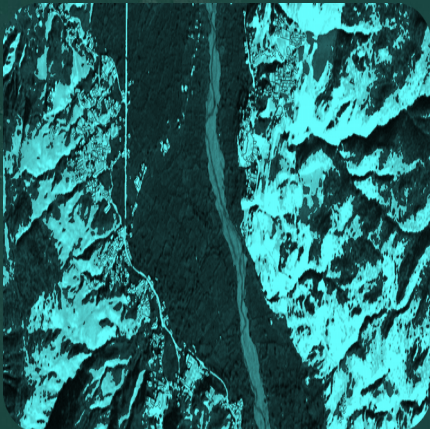
Clutters and land use classification
of surface features from satellite
imagery. Atlas iZemZ provides
clutters production using :

- Manual Editing
- Automatic Detection using Deep
Learning

Formats: BINARY, ESRI SHAPEFILE,
GEOJSON.

**10$/km² with a minimum
order of 100km²**

EXTRA SERVICES & CROSS PLATFORM APPS

Orthorectification
Pansharpening
Radiometric correction
Seamless mosaicking
Custom analytics
Desktop-Web-Mobile
2D/3D/4D apps

Contact us for quotation

ADVANCED GEOSPATIAL
SYSTEMS
FOR SMART DECISIONS

To learn more about Atlas iZemZ products offering, visit our website:

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