



>>> ABOUT US

Quantum is a global technology partner delivering custom data analytics solutions for drone manufacturers and operators, as well as providing UAV operations simulation solutions.

We're deeply experienced with edge computing platforms, including Raspberry, Jetson, ARM processors, GPU, TPU sticks from Intel, and more.

>>> DRONE DATA ANALYTICS

- ☒ Loading arrays of raw photos obtained during the mission execution
- ☒ Multi-camera raw image processing, on-demand composite image generation
- ☒ Orthomosaics and photogrammetry generation and alignment
- ☒ Drone and satellite imagery alignment for refined and repeatable georeferencing
- ☒ AI-models orchestration for data extraction: objects detection
- ☒ Multilayer data visualization on a web solution

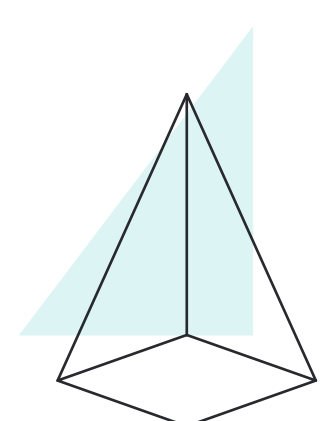
>>> EDGE COMPUTER VISION. Example of models we have

 **CLOUDS AND CLOUD SHADOW DETECTION**

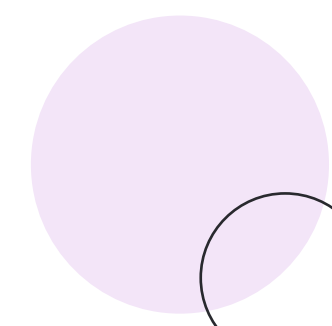
 **BASIC OBJECTS DETECTION (CARS, BUILDINGS, ETC.)**

 **PEOPLE, ANIMALS AND GEO MARKETS DETECTION**

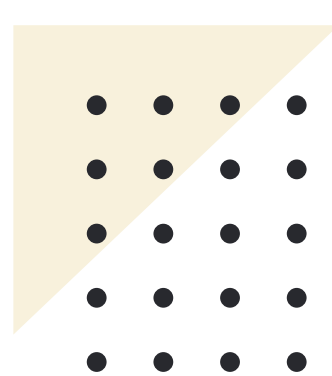
>>> USE CASES



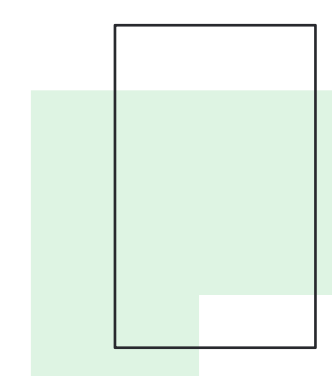
OPTICAL NAVIGATION SYSTEM FOR UAV



GEOREFERENCING PIPELINE FOR DRONE IMAGERY



PLANT ANALYTICS AND HARVEST PREDICTION



DRONE DELIVERY WITH ADVANCED ROUTE MANAGEMENT

CONTACT US 

OUR PRESENCE

