



>>> 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.

>>> DRONE EXPERIENCE

BIG DATA & PIPELINES

processing gigabytes of drone data with modern cloud capabilities

GPS AND IMU SMOOTHING

for high precision analysis and accurate results

FIELD OPERATIONS

image stitching, field route planning

DRONE NAVIGATION

route calculation, drone management on the fly, environment monitoring

DATA PREPARATION

preparing images for qualitative analysis

DATA ANALYSIS

AoI detection, field segmentation, multispectral drone imagery processing

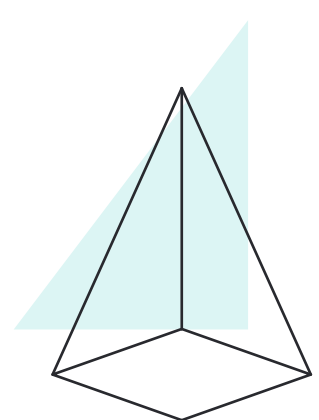
DRONE DECISION-MAKING

drone data-based insights for immediate actions

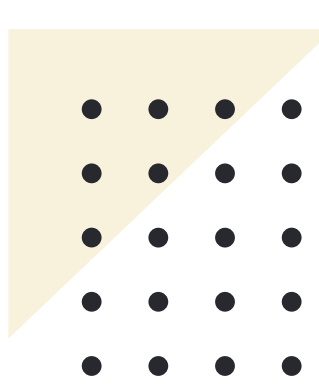
IMAGERY ALIGNMENT

aligning imagery data with ground sensors & building orthomosaic maps

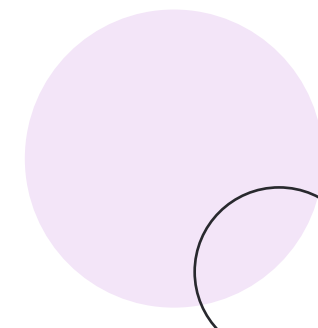
>>> USE CASES



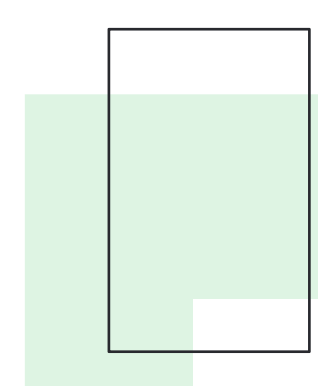
OPTICAL NAVIGATION SYSTEMS FOR UAVS



EDGE COMPUTER VISION



GEOREFERENCING PIPELINE FOR DRONE IMAGERY



DRONE DELIVERY WITH ADVANCED ROUTE MANAGEMENT

CONTACT US 

OUR PRESENCE

