



>>> ABOUT US

Quantum is a [global technology partner](#), delivering solutions tailored to solve business challenges.

Our deep tech expertise and profound software engineering knowledge allow us to create software products that meet the unique business needs of every client.

>>> AGRITECH EXPERTISE

We will find you the best technical approach and build a smooth solution delivery process

01 - PRECISION Farming

- Integration of precision agriculture software into the existing business processes to facilitate proactive data-driven decisions
- Monitoring and evaluating yield health using historical data of field usage, as well as soil condition, and pattern recognition
- Software integration for remote monitoring of agricultural objects using satellite, drone and aerial imagery, geotagging, and other data

01 - FARM OPERATIONS Management

- Agricultural procedures optimization based on historical data
- Assessing crop health and detecting anomalies for decision-making
- Forecasting and measuring crop revenue profit using soil/yield data
- AgriTech software integration to aid financial management

>>> SERVICES

END-TO-END development

R&D: research and development

Technology **CONSULTING**

DEDICATED teams

02 - LIVESTOCK Management

- Livestock behavior analysis to identify patterns for health monitoring, weight calculation and remote tracking of animal handling
- GIS technologies and ID tags to detect livestock routes and movements, and identify each animal in the herd
- Integration with databases and blockchain, for keeping records about livestock health status and the supply chain
- Weather tracking and disaster alert systems for remote surveillance

02 - LAND-USE MANAGEMENT With remote sensing

- Overseeing crop rotations to keep nutrients and weeds under control
- Monitoring and controlling biodiversity via historical data analysis
- Sustainable management of agricultural land and forests for years to come in changing climatic conditions

>>> BACKGROUND

20+ **TOP-NOTCH** ML & AI engineers

150+ **PROJECTS** successfully delivered

15+ **YEARS** of leaders experience

200+ **ENGINEERS** in the network

>>> GEO ANALYTICS PLATFORM

Geospatial MLOps
INTERGATION-READY

The platform provides ready-to-use components to process satellite and drone imagery with AI-powered methods, allowing to **cut development time and save up to 60% of your budget.**

>>> AMONG OUR CLIENTS



READ OUR SUCCESS CASES

LET'S GET IN TOUCH

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