

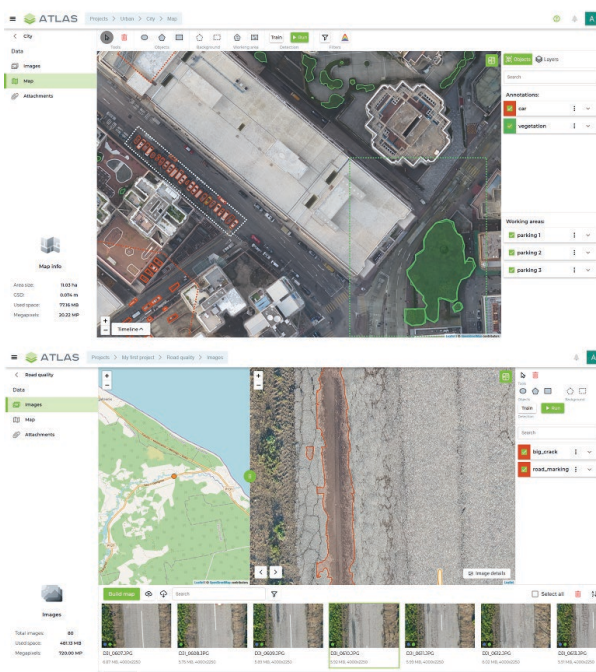


ATLAS FOR CONSTRUCTION

To Whom: Surveying Director, Project Manager,
Spatial Data Analyst

PRODUCT OVERVIEW

ATLAS is an AI-driven digital platform, which helps track construction progress more efficiently by automating object detection, counting and territory segmentation with AI detectors.



TIMELY CONSTRUCTION REPORTING

and no more manual routine in UAV data analysis and report generation! Share reports with your contractors and stakeholders without delays on the day of surveying.

IMPROVE TEAMWORK AND COORDINATION

within your team of co-workers and subcontractors. Share data in one click as direct links accessible from mobile (iOS/Android) and desktop. Increase situational awareness of all project stakeholders using very simple and visual reporting.

SENSITIVE DATA IS SECURED

ATLAS can be installed on-premises for storing, processing and exchanging the most sensitive data. By default, ATLAS platform can be accessed from the cloud at atlas.ugcs.com.

WASTE MANAGEMENT

Track the location of different wastes generated during the construction process. Tires, old pallets, broken vehicles and other - all these things can be counted and segmented.

INSPECT ASPHALT AND CONCRETE SURFACES FOR DAMAGES

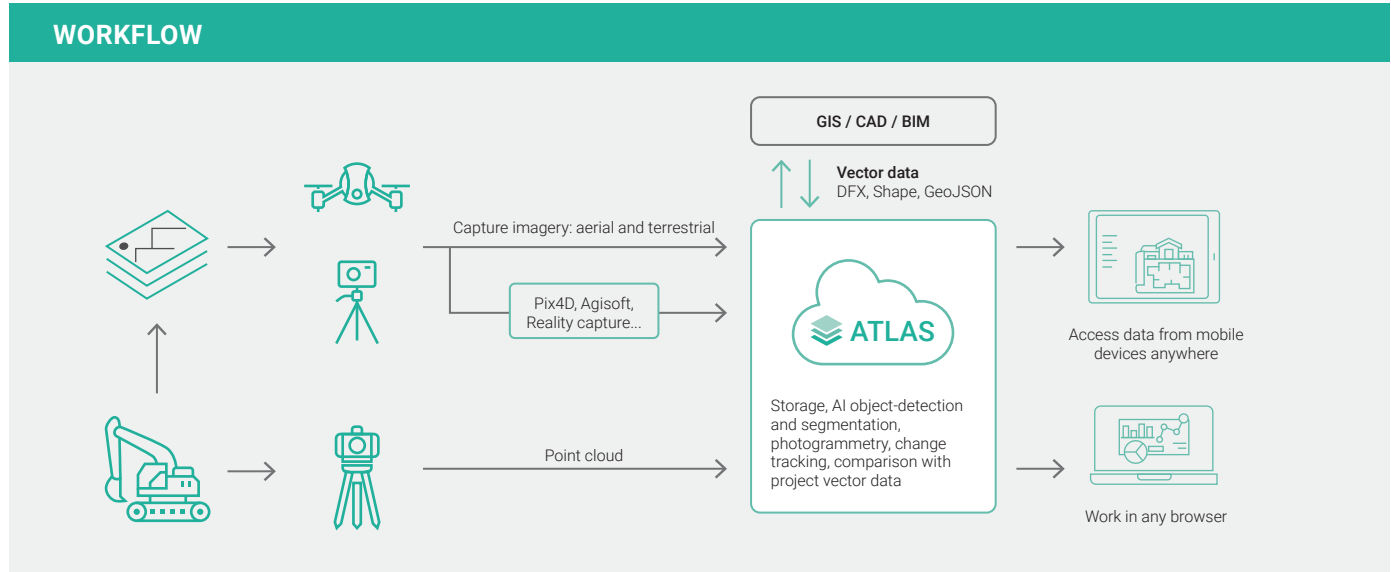
Detect cracks and scratches on concrete and asphalt surfaces on both - raw imagery and orthomosaics. Resulting reports can be used by repair & maintenance teams to pinpoint defect locations and estimate required materials and human resources.

ELEVATION MAPPING

ATLAS provides tools to clean DSM from artificial objects, making elevation profiles, volume and slope measurements more accurate.

ATLAS: QUICK FACTS

SUPPORTED INPUT DATA	GENERATED OUTPUT DATA
PNG, JPEG, GeoTiff, DXF, KML, LAS	GeoTiff, GeoJSON, Shape, CSV, DXF, PDF



HOW DOES IT COMPARE TO GIS/BIM?

- It is lightweight and easy-to-use not only for geospatial specialists, but also for project managers and C-level guys
- It is less expensive for large teams
- It does not substitute GIS, but complements it, streamlines drone data management in the company, and introduces AI-object detection to any team member

INFRASTRUCTURE

Available from Cloud atlas.ugcs.com

or

On-Premise: easy deployment to a private datacenter, Amazon AWS, Microsoft Azure

LICENSING

On-Premise: pay-per-server

Cloud: pay monthly for acquired service

CUSTOMIZATION

Logo, language, and main application color can be customized according to your brand book