

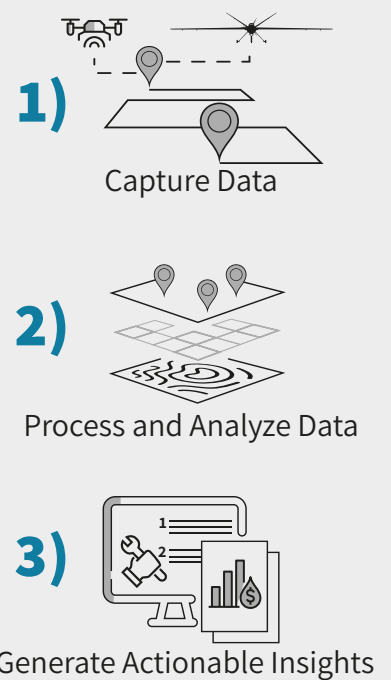
Improve Key Construction KPIs with Aerial Intelligence

Aerial intelligence streamlines major infrastructure and construction planning, while enabling existing implementations to safely conduct inspections. Drones and UAVs help projects launch on time while detecting defects and faults in existing bridges and roads. From capturing meaningful data to generating actionable operational insights with leading analytical software, Aerodrome helps construction crews be more efficient, safe, and cost effective.

From Mapping to Maintenance

Aerial intelligence guides major project planning with its unique mapping and surveying tools. Using LiDAR sensors, thermal imaging, and orthophoto mapping, drones and UAVs collect ground data. Aerodrome operators convert the footage into a digital twin of the topography, enabling engineers to design new roads, bridges, and other mega construction projects, and track the progress using a true model. UAVs and drones are then used to monitor progress, ensuring that milestones are met and alerting project managers if segments of the project do not meet specifications. Once the project is complete, regular aerial inspections spanning hundreds of miles inspect roads and bridges and identify areas in need of maintenance.

Easy 3-Stage Process



Benefits

↑ 30%
30% Increase in Inspection Efficiency

⚙️ \$
Reduced Maintenance Costs

▶️
HD Resolution for Maximum Precision and Accuracy

CO₂ ↓
Reduced CO₂ Emissions

🛡️
Improved Risk Mitigation & Employee Safety

About Aerodrome

We believe in the value of aerial intelligence for business. Every day, we work together with businesses and drone operators to capture data from the sky, improve drone operations, and ensure drones are properly maintained.

Our services enable our clients to safely collect the data they need from different installations in multiple industries and offer actionable insights to improve workflows, reduce expenses, and maintain complex industrial facilities.

WE ARE ABOVE THE REST! Contact Us Today

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