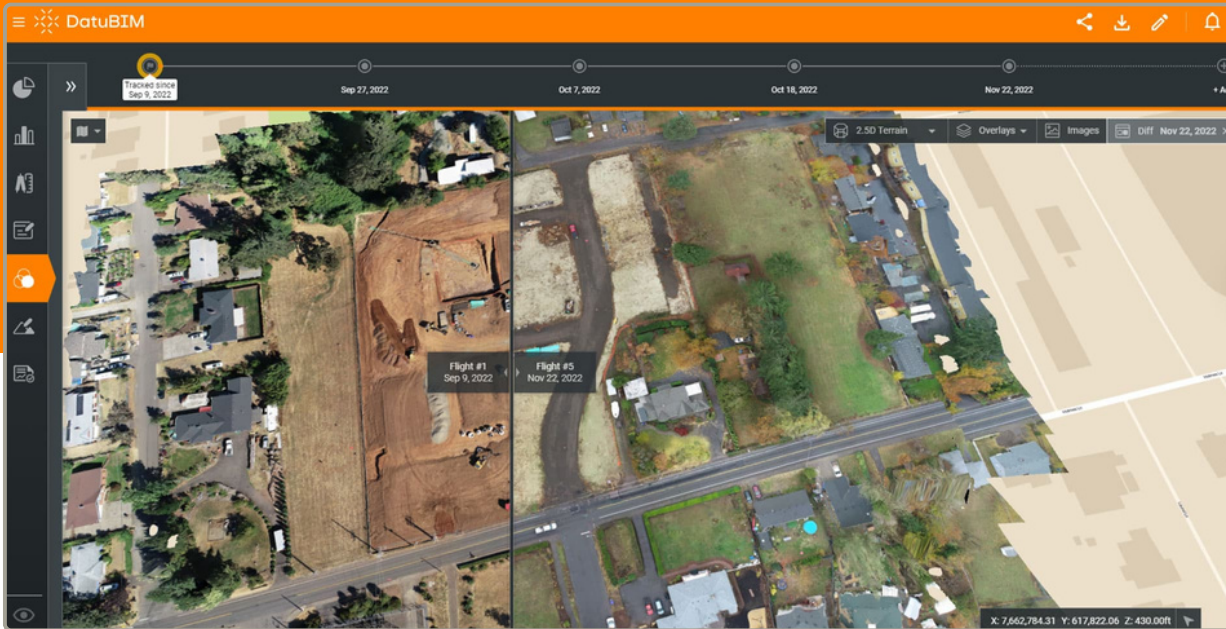
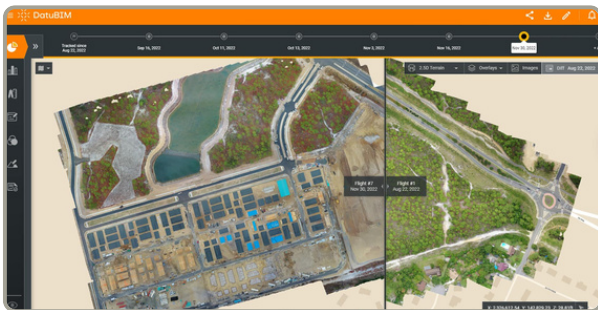


Use case

Manage and monitor site operations efficiently with photogrammetry and drone mapping software



Connect field to office and closely manage and monitor your infrastructure construction projects

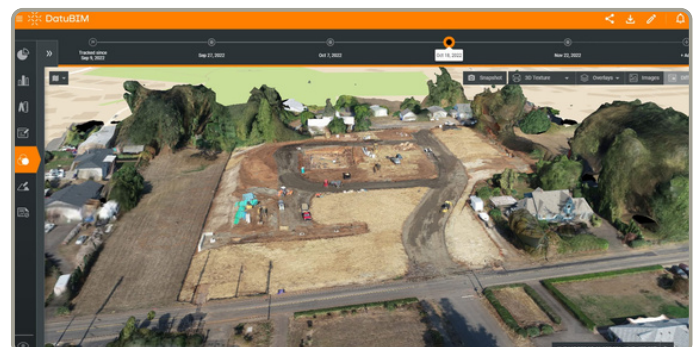


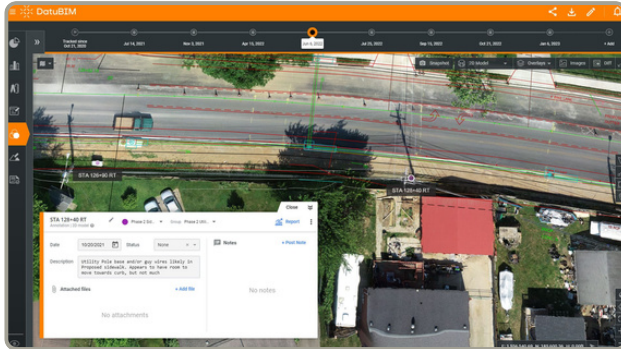
Keep a close eye on your project at every stage of its lifecycle

With DatuBIM, you can rely on an “eye in the sky” solution. Utilizing drone images and laser scanning data, DatuBIM generates survey-grade models and maps, along with shared data analytics, insights, and forecasts. Additionally, you’ll receive ongoing progress reports and comparisons against the design or previous as-built versions. This enables you to obtain a clear view of your site at any time and from wherever you are.

Monitor your progress using accurate as-built digital twins

These digital twins enable you to compare between different project phases, visualize changes and completed work, track construction progress through cross-section analyses, identify deviations from the plan, conduct quality assurance, inspections, and site supervision. Furthermore, once your project is completed, you can closely monitor ongoing operations and maintenance.





Work closely with project collaborators at any time, from anywhere

Seamlessly collaborate with all project stakeholders across multiple sites by sharing information and 3D models, discussing project details, and addressing concerns in real-time – resulting in improved coordination, effective problem-solving, and better decision-making.

Example

Challenge

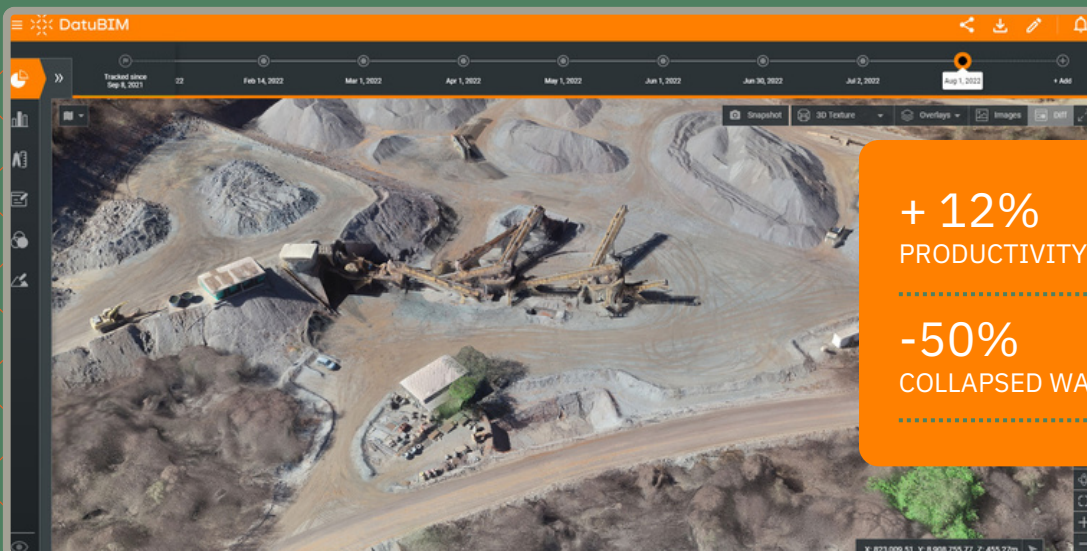
- Geographically dispersed environments and increasing shortage in professional personnel make tools for remote management and monitoring crucial

Solution

- For a large mining project in Brazil (200 acres and 150-meter drop), the project owner located in Australia needed a way to monitor the condition of its asset and the progress of work remotely and in near real-time
- With DatuBIM, the project owner can do this from anywhere and at anytime by replicating the mine in a digital environment

Results

- Collaboration was greatly improved between the field and the office across different countries
- Volume of materials extracted from the mine could be accurately calculated
- Resulted in a 12% increase in the mine's productivity and a 50% reduction in collapsed walls



+ 12%
PRODUCTIVITY

-50%
COLLAPSED WALLS