Trimble Stratus

Drone data platform for construction

With **Trimble® Stratus Software**, you can use drone data to map, measure and manage your worksite and assets. Inform and empower worksite teams to get the job done faster, safer and more efficiently.
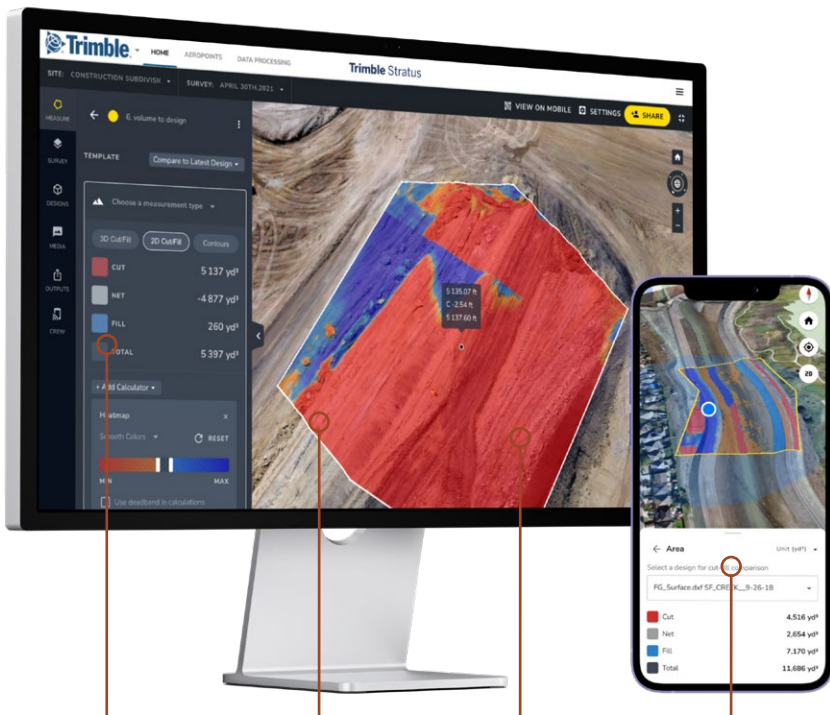
Industry applications

Civil construction
Track progress against the design and carry out quick volume calculations of moved material.

Aggregates and mining
Effectively track the status of your mine and manage blasting operations.

Waste
Monitor landfill progress and productivity and check cell volume remaining air space and density.

Benefits

Confidently plan and estimate
Know what you're quoting — conduct your own site surveys before the job begins, and whenever changes occur.

Survey frequently and faster
Get accurate, up-to-date topographic surveys whenever you need without having to bring in a survey crew.
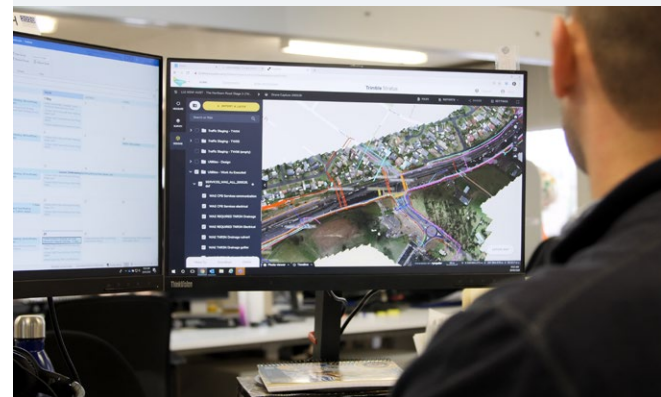
Communicate effectively
Easily share progress updates with your team and customers through a centralized cloud-based workspace.

Take control
Save on consultants and avoid information bottlenecks. Get answers to questions yourself with an intuitive, web-based tool.
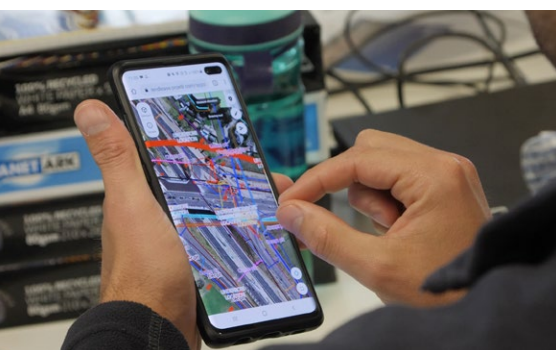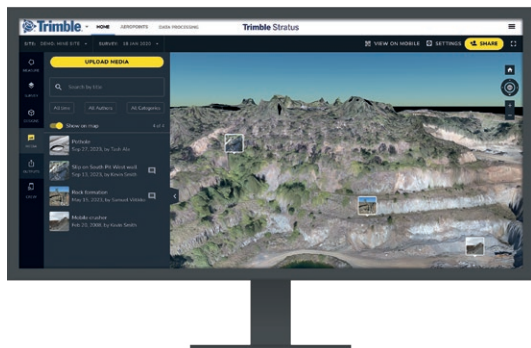
Improve safety
Reduce people-to-machine interactions by surveying inaccessible or hazardous areas safely using a drone. Get overall site images for inspection works without sending personnel onsite, and track changes in slope angles to better manage slips.

Quickly and easily upload drone images and process datasets

3D visual data in a powerful cloud platform

Analyze and share site maps and models

Share maps from the office to the field with the mobile app

civilconstruction.trimble.com

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Key features

Site volumes and design checks

- Calculate material volumes added or removed from pits, stockpiles, cells and drainage channels
- Measure more frequently for better stockpile management and tighter plans and budgets
- Upload design file to compare actual surface to design surface and track progress
- Easily measure distances, slopes and heights to compare with site measurements and see site changes via a visual timeline

Road and traffic management

- Measure road grades, cross-slopes, road widths and windrow heights with one click
- Optimize traffic plans with a complete, up-to-date site map, and easily direct personnel to where they need to be
- Reduce cycle times and optimize mobile plant efficiency by tracking haul road design conformance

Environmental responsibilities

- Get frequent, detailed images of site boundaries and protected areas to easily demonstrate your conformance with regulatory requirement

Project efficiency

- Integrates with Trimble Business Center and Trimble Siteworks Software for consistent local coordinate definition
- Conduct your own site surveys for more accurate estimates
- Tighter plans and budgets as a result of more frequent and accurate volume data
- Fewer site visits needed when people can track progress and inspect work remotely
- No more information silos or unnecessary hold-ups when everyone can work from the same current survey data
- Fewer disputes as your portal can be shared with subcontractors so everyone is on the same page

Mobile mapping

- Use the mobile app to generate and share simple, interactive maps from the office to the field
- Field teams can explore 2D or 3D models of their site to work collaboratively, see their real-time location against designs and measure progress
- Mobile photo capture on the app allows you and your team to pin, organize and react to media on the map

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