# Trimble Stratus

DRONE DATA PLATFORM FOR CONSTRUCTION

Trimble® Stratus software helps civil contractors use drones to map, measure and share accurate information about their worksites and assets. With Stratus, you can make quicker decisions, avoid mistakes, and grow profits by always having the right information on hand.

HOW IT WORKS

Place ground control

Fly drone over site

1

2

6

3

5

4

Analyze and share site maps and models

Dataset is processed

Upload drone images
30 min*

Upload ground control
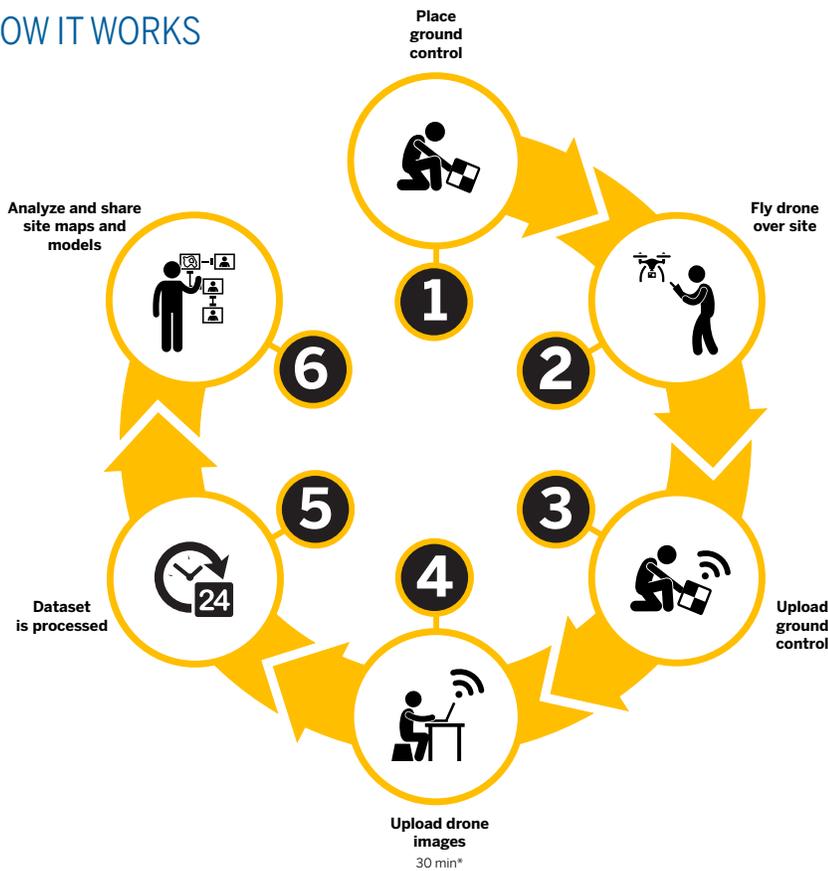
Benefits

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

A visual timeline keeps everyone on the same page. Track site changes, avoid crossed wires, and resolve disputes quickly.

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.

TRANSFORMING THE WAY THE WORLD WORKS

Trimble

Trimble Stratus
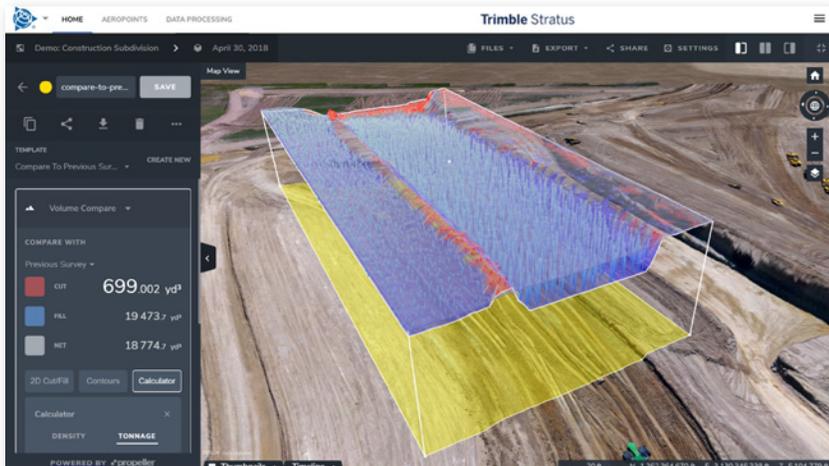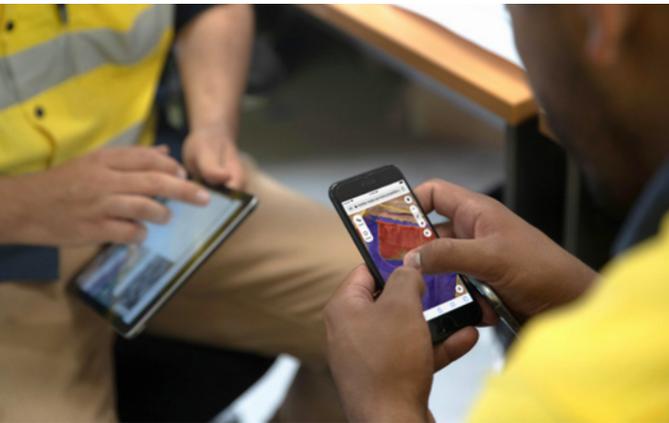
KEY FEATURES

Site Volumes and Design Checks

- ▶ Calculate overall material volumes added or removed from pits, stockpiles, cells, drainage channels, etc.
- ▶ Upload design file to compare actual surface to design surface and track progress
- ▶ Easily measure distances, slopes and heights to compare with site measurements

Subcontractor Management

- ▶ Perform quick volume calculations of material moved for progress payments
- ▶ See proof of site changes via a visual timeline
- ▶ Fewer disputes as your portal can be shared with subcontractors so everyone is on the same page

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

ADD-ONS

Mobile Map Add-On

Contractors can use the Trimble Stratus mobile map add-on to generate and share simple, interactive maps from the office to the field. Work more collaboratively and keep projects on track.

- ▶ Move, zoom and select areas of the map to see a site overview
- ▶ Navigate designs and inspect details, draw on the map to highlight points of interest to other users in real time
- ▶ View progress volumes and conduct spot elevation checks

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