SDX-AutoScan

Grade it. Document it. Prove it.



Automatic as-built documentation from every dozer pass.

A 360° LiDAR sensor on the dozer scans the ground around the machine while it works and turns every pass into an up-to-date 3d site model.

integrated with

TRIMBLE EARTHWORKS

Trimble®

sodex INNOVATIONS

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One machine. Two jobs. Zero hassle.

workflow

1. **Ignition on**
   SDX-AutoScan starts by itself inside the project area.
2. **Scans every pass**
   while the dozer grades, no operator interaction.
3. **Uploads to SDX-Cloud**
   automatically, as often as every 10 minutes.
4. **Access from any device**
   3D as-builts, volumes, cut & fill and progress.
5. **Syncs to Trimble Connect**
   new snapshots and models land there on their own
   (or manually drag & drop).

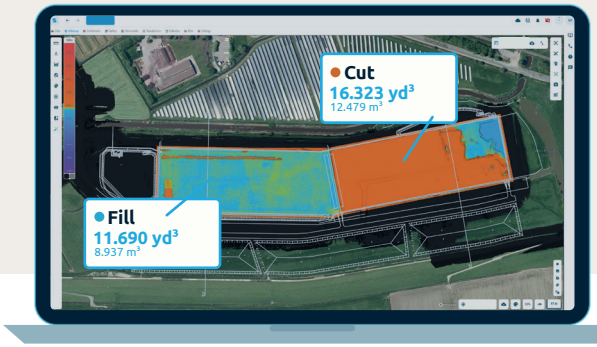


Why customers rely on us

- no operator interaction needed
- uses Trimble Earthworks for positioning
- lean installation, scalable fleet-wide

Access in SDX-Cloud from any device

- actual vs. target terrain
- volumes
- automatic analyses
- cut & fill
- measurements
- personalized reports



> *The next step up from what GPS and drone data has been is this. We're getting info multiple times a day, not just periodically through the year.*



Mitch Hansen | BHI
VDC Manager

Straight into Trimble Connect



- link your SDX-Cloud project once
- choose outputs, target projects and triggers
- new snapshots and models sync on their own
- manuall transfer data with drag & drop

Technical details

2 in	50 ft	360°
scan resolution	scan radius	field of view
5 cm	15 m	

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