

Trimble SiteVision

AUGMENTED REALITY

User-friendly software for real-time data visualization in the field.



* Smartphone not included.

Instant visualization for immediate insights.

Visualize

Visualize your digital designs on-site and in context, from property boundaries and underground utilities to entire structures.

Compare comprehensive model data to the real conditions for pre-construction planning, facility maintenance years down the road, or anything in-between.

Easily spot discrepancies between the design and existing conditions. Prevent costly rework by identifying conflicts early.

Measure

Collect augmented reality images in the field: your design in a real-world view.

Capture reliable points with the Trimble® Catalyst™ DA2 GNSS receiver.

Utilize the Trimble HSP2 handle's laser rangefinder to swiftly measure remote points, including the sides and tops of stockpiles.

Collaborate

Allow your team easy access to the correct data in the field via Trimble Connect® cloud software, with revision controls, access rights management, reporting tools and lifecycle management—no matter where you are.

Create tasks, report status, request clarifications and share or assign them with your client or project members—all in real time.



Find out more at:
civilconstruction.trimble.com/sitevision



SOFTWARE	
Model placement	Automatic with Georeferenced data
	Measured
	Manual
	QR Markers
Supported formats	Trimble: SKP, VCL, TTM, TrimBIM, TMAP & Tekla®
	Open industry standards: IFC, LandXML
	3rd party: DWG, SHP, GDB, PNG, DWG/DXF, RVT, NWD/NDC, WFS, DGN, TFLX & PDF
Connectivity (model data)	Cellular or Wi-Fi®, via user-supplied mobile device
Connectivity (correction data)	Cellular or Wi-Fi, via user-supplied mobile device L-band satellite for remote operations
Data interpretation	User-defined rules & 3D symbols
Measurement and recording functions	Georeferenced photo
	BCF Topics
	Points
	Grade
	Distance
	Cut/Fill
	Volumes
	Area
	Pointcloud ¹
Measurement methods	GNSS
	EDM measurements with the HPS2 handle
	AR model measurement
	LiDAR ¹
Measurement modes	Camera
	Model point to model point
	Ground point to model point Ground point to ground point
Minimum phone requirements	Powered by Android™ 9.0 or later, that is supported by the Google AR technology
	Powered by iOS 13 and later, from iPhone 6s and iPad (2017) onwards, that is supported by the Apple® ARKit technology

SUBSCRIPTION INCLUDES	
GNSS correction services	Trimble SiteVision® Precision Service including Trimble VRS Now™ and Trimble RTX®
	Use of other third party VRS correction services may involve an additional cost from the 3rd party service provider
Cloud storage	Trimble Connect Business Premium

¹ Requires a LiDAR-equipped iPhone Pro or iPad Pro.
Specifications subject to change without notice.

FRONTIER PRECISION
CIVIL CONSTRUCTION

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