



The scin® App

Designed for precise reality capture,
created by experts, made for everyone.



**Digital construction sites
can be that simple.**



The scin[®] App

The scin[®] app is a professional 3D scanning application for reality models using photogrammetry—intuitive, mobile, and specifically optimized for construction and utility infrastructure documentation.

When used in conjunction with GNSS systems, scin[®] delivers centimeter-accurate, georeferenced scans with precision down to 1 cm. The app supports workflow-based processes via RTX in accordance with ISO 19650—including defect and acceptance management, as well as the measurement of topographic points and lines.

Digital Construction Site – Capture, Processing, and Management in a Single Application

With the scin[®] modules, a seamless digital workflow is created—from precise field data capture to structured project management and documentation. The combination of mobile data acquisition, 3D scanning, and intelligent workflow management enables efficient, transparent, and future-proof execution of digital construction processes.

Scanning – 3D Capture & Point Clouds

Area-wide 3D capture of structures, objects, and terrain using a smartphone. Georeferenced point clouds provide the foundation for documentation, planning, and BIM workflows.

Single Point Measurement & Stakeout

Enables the precise capture and accurate stakeout of individual points directly on construction sites. Ideal for surveying, construction execution, and BIM-to-field workflows.

Task & Workflow Management

Structured management and tracking of tasks, defects, and processes in accordance with DIN EN ISO 19650. Ensures transparency, clear responsibilities, and audit-proof documentation.

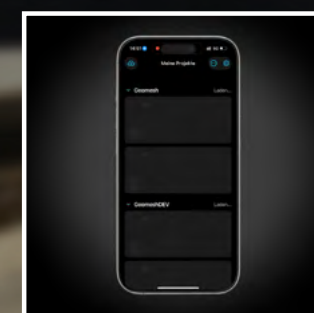
Features

- Precise as-built capture: Routes, construction status, manholes
- ISO 19650 compliant: Legally compliant digital workflows
- Digital workflow via workflow management
- Fully mobile: No stationary hardware required

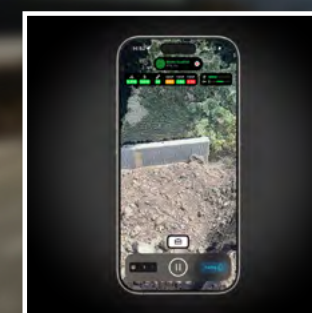
Download on the App Store



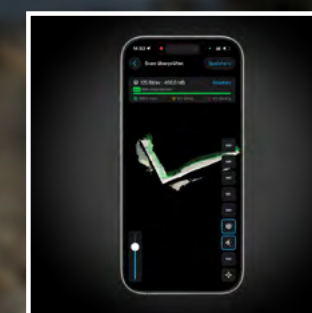
scin[®] app scanning workflow – Create your reality models easily now.



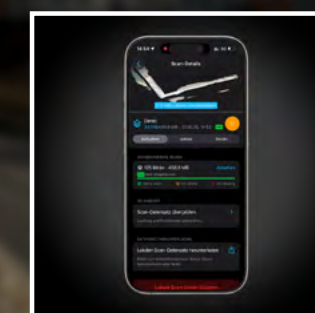
1. Select project



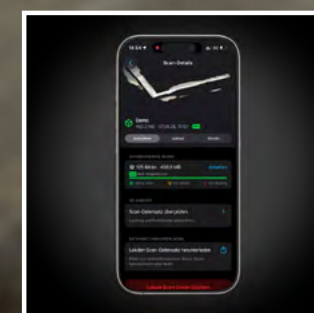
2. Start scan



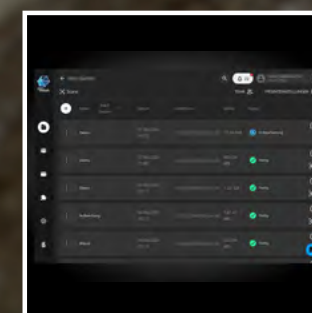
3. Review & Save



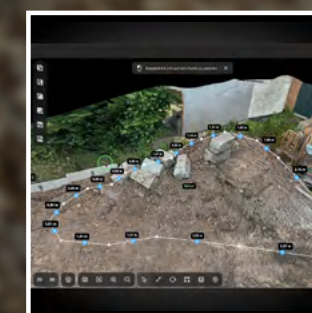
4. Check & Upload



5. Upload complete



6. Processing



7. 3D-Model provisioning



4. Result
Highly precise
geo-referenced 3D-Model

Trimble® Catalyst™ DA2 GNSS system

The heart of the system is the compact Trimble® DA2 GNSS receiver, which, thanks to innovative Trimble® ProPoint™ technology, transforms your mobile device into a highly precise surveying instrument. Combined with the Trimble® Catalyst positioning service, it delivers centimeter-accurate, georeferenced data directly to the scin® or Tromble SiteVision® app.

- > **RTK centimeter-level accuracy::**
Precise measurements directly in the field—no total station or base station required.
- > **Wireless connectivity:**
Wireless connection to iOS devices—compatible with the scin® app and Trimble SiteVision®.
- > **Lightweight & rugged:**
Designed for demanding field use—lightweight in design, powerful in performance.
- > **Offline capability:**
Georeferenced data capture and AR visualization, even without a mobile network connection

Key features

- Lightweight and rugged design.
- Scalable and flexible accuracy-based pricing.
- Simple installation and setup.
- Multi-frequency (L1/L2/L5/MSS) capable.
- Powered by Trimble ProPoint® GNSS positioning technology.
- Supports all global GNSS systems.
- Flexible mounting options.
- Connect wireless to iOS- and Android™ devices.
- Conveniently USB powered.
- Accuracy from 1 cm to 60 cm.
- Provides support for any field device.

Technical data

Dimensions	128 x 55 mm (ø x H)
Weight	330 g
RTK accuracy	H: 10 mm + 0.5 ppm RMS V: 20 mm + 0.5 ppm RMS
Satellite system	GPS: L1C/A, L2C, L5 GLONASS: L1C/A, L2C/A SBAS: L1C/A, L2C, L5 Galileo: E1, E5A BeiDou: B1, B1C, B2A QZSS: L1C/A, L2C, L5 NavIC (IRNSS): L5 L-band: Trimble RTX corrections – using Trimble Correction Hub
Offline capability	



Emlid Reach RX2 Scanning Kit

Capture digital models in just a few minutes with surveying-grade accuracy. The Emlid Reach RX2 is a compact RTK rover that delivers centimeter-level results with tilt compensation and is designed for GIS, utilities, and construction.

Ideal use cases:

Fiber optic expansion

Workflow Deutsche Telekom



Features

- Fully integrated solution between the scin® app and Emlid
- Complete workflow from the field to the office
- Centimeter-level accuracy
- Tilt compensation
- 16 hours of operation on a single charge
- Lightweight and waterproof equipment
- Compact & robust



Technical data

Dimensions	172 x 51 x 51 mm
Weight	280 g
RTK accuracy	H: 7 mm + 1 ppm V: 14 mm + 1 ppm
Tilt compensation	RTK + 2 mm + 0.3 mm/°
Satellite system	GPS: L1C/A; L2C; L5 GLONASS: L1OF; L2OF Galileo: E1-B/C; E5a; E6 BeiDou: B1I; B1C; B2a; B3I QZSS: L1C/A; L1C/B11; L2C; L5 NavIC: L1-SPS Data; L5-SPS



**With the scin® app, construction sites go digital:
Capture, document, and utilize your project data directly in the
field—simply, accurately, and without media disruptions.**



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