# SDX-PocketScan

## High-Accuracy 3D Site Documentation - Right from your Phone

SDX-PocketScan enables fast, simple, reliable as-built documentation with an end-to-end workflow from field capture to SDX-Cloud processing and CAD export.



### Nothing Missed on Site

Reliable as-builts and proof of work, before the site changes

### Easy for Field Crews

No surveying expertise needed for high-value capture workflows

### Fast from Field to Office

Capture, upload, and process data in SDX-Cloud - access it minutes later

**Capture** → **Upload** → **Access** → **Deliver**

## Perfect Fit For



**Underground utilities and pipeline as-builts**
Document trenches before backfill, reduce rework and disputes.

**Civil construction progress capture**
Capture site conditions fast, share updates with stakeholders.

**QA / inspection documentation**
Create verifiable records for handover and compliance.

**Stockpiles / small surveys**
Quick volumes and site snapshots when larger systems are overkill.

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# Use Cases

The SDX-PocketScan is operated through the Sodex Mobile app and is available for download in the App Store on iOS.

## LiDAR Scanning

Quick capture for smaller areas and rapid documentation.

*FAST SCAN*

## Photogrammetry

Higher level of details and larger areas when precision matters.

*DETAILED MODEL*

## Photogrammetry + GCPs

Add measured ground control points (GCPs) to your SDX-PocketScan photogrammetry captures to improve accuracy and repeatability across the whole project.

*MAXIMUM ACCURACY*





# Workflow

**Place GCPs**

1 use a minimum of 3 GCPs (5 recommended)
distribute them evenly

**Scan Area with SDX-PocketScan Photogrammetry**

2 walk over the site using recommended walking patterns
hold phone in a rough 45° angle

**Capture GCPs with SDX-PocketScan Pole Antenna**

3 insert GNSS reciever into the Pole Antenna
accurately capture center of GCP

**Upload and process in SDX-Cloud**

4 upload data with a swipe
access it minutes later via SDX-Cloud

**Work with Data in SDX-Cloud**

5 benefit from many features
QA, export and share deliverables

*The same GCP setup can also be used to prepare drone and photogrammetry projects for consistent site-wide control.*

# License Models

## Pole

- unlimited use of the SDX-PocketScan with a pole for capturing points, lines areas

*survey-style capture*

## Mapping

- everything in Pole
- unlimited scanning capabilities with the iPhone Pro's built-in LiDAR*

*fast, everyday documentation*

## Mapping PRO

- everything in Mapping
- unlimited photogrammetry processing of image datasets uploaded to SDX-Cloud for the creation of point clouds
- GCP workflow supported

*highest accuracy workflow*

**photogrammetry as add-on available*

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