# SDX-4DVision

LiDAR and camera modules mounted directly on the excavator enable seamless documentation of the working area - documenting utilities and terrain while working.







**Mark Gould I Cemex UK**
Plant Manager

*"Sodex Innovations' software is incredibly intuitive and easy to use. Our team immediately felt comfortable with it and was impressed by how effortlessly we can oversee and manage masses and data."*

efficient

accurate

reliable

## Sodex Innovations

who we are

Since 2021, Sodex Innovations, an Austrian company, has been developing smart surveying systems that make everyday construction site work more efficient by automating and digitizing surveying - for immediate and accurate insights into your project.

sodex INNOVATIONS

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# Machine. Scan. Total Overview.

## workflow

**System starts automatically** when excavator is powered on.

Operator can **activate** the capturing of **colorized point clouds** at any time.

**Notes and images** can be captured **at any time** on site within no time.

**Automatic upload** of data to **SDX-Cloud** with configurable upload intervals of up to **every 10 minutes.**

Access from any device:
- actual/target terrain comparisons
- measurements
- automatic analytics
- photo documentation

and many more

## smart integration

By integrating machine control systems already installed in excavators, the investment for the customer can be massively reduced.

Trimble



## the result

- precise, up-to-date terrain data
- less specialized personell required - machine operator becomes surveyor
- automatic and digital documentation
- digitized trench and pile documentation



## technical details

| | |
|---|---|
| **scanning range** | 65 ft (20 m) |
| **max. speed** | 4 mph (7 km/h) |
| **mounting** | fixed installation |
| **accuracy** | RTK-accuracy |

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