Maturix™ Smart Concrete® Sensors wirelessly transmit real-time data on temperature and strength development to your device.

User-friendly monitoring and reporting that:

- Alerts you to when temperature and strength targets are met or critical thresholds are exceeded

- Provides you with feedback from multiple sensors through a single cast

- Shares your cast with anyone who needs your concrete performance information

- Sends detailed concrete performance reports automatically with the click of a button
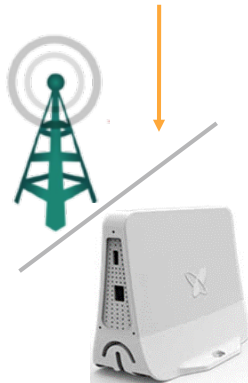
With all these benefits at your disposal, you'll find you can eliminate much of the guesswork involved in concrete monitoring and get the information you need to optimize your construction schedule and quality.

Real-time monitoring

Know the moment your concrete reaches or exceeds temperature and strength thresholds.

The sacrificial thermocouple takes temperature while the reusable sensor transmits data to the cloud using a long-range, low-power IoT network (Sigfox).

Then, the Sigfox network or gateway (no network) receives and feeds real-time data to the cloud.

Maturix's monitoring and reporting platform then logs, calculates, and presents data to users on any connected device.

Why **monitor** with Maturix?

Temperature
- Eliminates jobsite visits to download data
- Gives real-time temperature differential on mass pours
- Sends alerts if outside of your preset parameters

Strength
- Lets you know when to load/strip/tension/open/saw cut
- Provides data more accurate than crush tests
- Helps you understand issues in real time

Maturix Sensors are reusable, which makes for low-cost usage.

Pour the concrete, and initiate monitoring from anywhere.

What makes our sensors different?

Think about how much disposable concrete sensors are costing you. With sensors that are cast in concrete, you aren't able to repurpose them for other stages of a project or for other projects down the road. And you still need to schedule on-site data collection, costing you time and money.

Maturix Smart Concrete Sensors offer unlimited use for a low fixed cost. Sacrificial thermocouple wires are placed in the concrete, and temperature and strength development is transmitted wirelessly to the Maturix Monitoring & Reporting Service.

There are no fixed contracts, and the sensors come with a lifetime warranty.*

*Some conditions apply.

"The Kryton sensors are easier to use and more reliable than other sensors we tested. Also, the fact that they are reusable is a huge plus, cost-wise."

- Lyle Herrmann, Katerra

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SMART CONCRETE®

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The most
convenient and cost-effective concrete monitoring

maturix