

SENSORS FOR SMART SUBSTATIONS

Small and powerful, DT wireless sensors protect the power grid.

DT sensors are easy to install and provide remote monitoring and actionable insights into the operations of your substation. The sensors fit everywhere, are easy to install and no downtime is required.

Predictive maintenance at scale

Typically, employees have to check cable conditions by hand. Most rely on thermal cameras and perform irregular spot checks. With smart sensors, power companies can now easily monitor critical assets at scale.

Detect abnormalities immediately

When sensors detect a temperature change on a critical asset, operators see a spike in their dashboard. They can react quickly to rebalance or replace the asset before any damage is done.

Instead of having to perform manual checks or shut down systems, employees can identify issues before they cause problems. Say goodbye to emergency response units arriving to avert a catastrophe. Systems remain online and running smoothly.

Hassle-free installation

You won't need to shut down all or part of a substation to install Disruptive sensors. Wireless mini-sensors stick on cables, pipes, high voltage fuses, and any difficult-to-reach places with small surface areas. They're easy to install and easy to maintain.



Why Disruptive Technologies Sensors

First-generation sensors were bulky, complex and often inaccurate. We've completely rethought sensor design to enable data collection anywhere and everywhere.

There's no need to "rip and replace" legacy systems to turn them into "smart" equipment.

- Mini-sensors are the size of a postage stamp
- Low power consumption means long battery life (up to **15 years**)
- Robust construction
- Cost efficient
- Direct connections provide maximum accuracy
- Industrial-grade connectivity and built-in redundancy
- Supports next-generation Internet of Things (IoT) networks
- End-to-end security built into the design
- Extensible platform to integrate into your systems



CONTACT US TO LEARN MORE

Sensors anywhere. Insights everywhere.

Disruptive Technologies is a rapidly growing innovator in the IoT market and developer of the world's smallest commercial-grade wireless sensors. Our sensing solution based on these mini-sensors simplifies data collection and delivers the data securely to our partners' analytics programs in the cloud.

Leading-edge companies build radically different smart solutions on our platform for Industry 4.0, commercial real estate, retail, food service and safety, and connected living applications. Together we enable facility managers to maximize space and keep tenants happy, pharmacists to ensure drugs don't spoil, and engineers to protect critical assets. From predictive maintenance to proper refrigeration, we're connecting people and information to deliver Connected Change™.

To learn more, visit www.disruptive-technologies.com

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