

SENSORS FOR POWER DISTRIBUTION

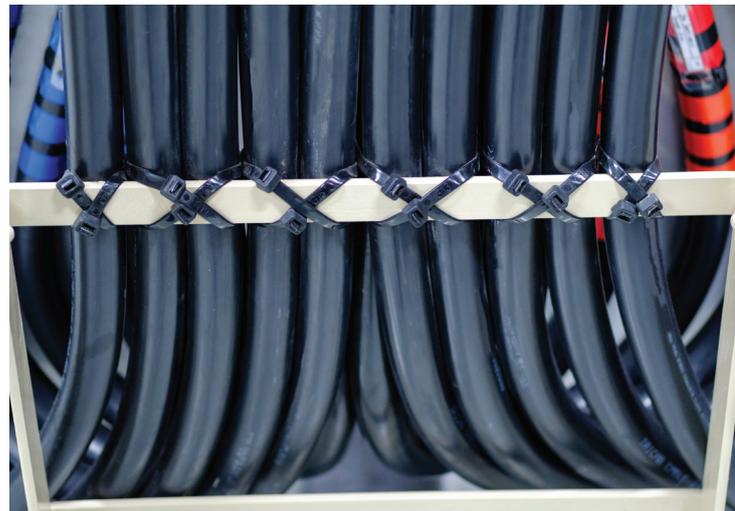
Small but mighty, wireless mini-sensors protect the power grid

Power distribution companies have hundreds of thousands of assets in energy substations to monitor and maintain to avoid damage to the power grid. When cables wear out or split due to overheating they can cause fires. Replacing them is a major expense.

Predictive maintenance at scale

Typically utilities rely on employees 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.

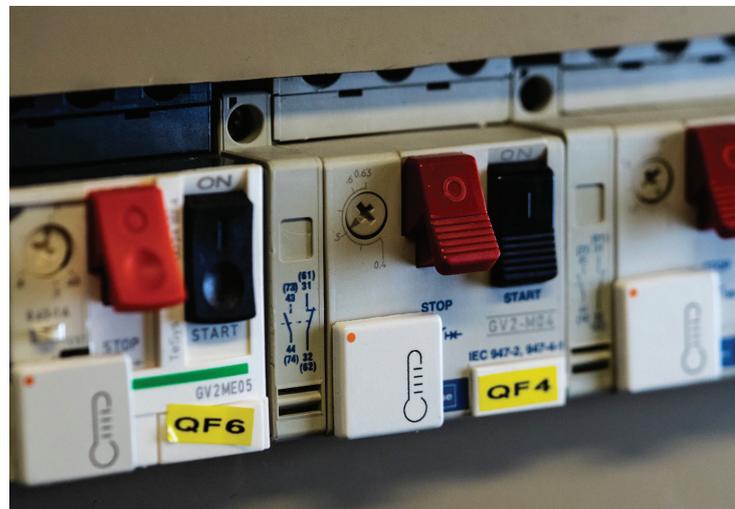
You won't need to shut down all or part of a substation to install Disruptive sensors. Wireless, mini-sensors stick on assets such as cables, pipes and high voltage fuses, even in difficult-to-reach places with small surface areas. They're easy to install and easy to maintain.



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 employees descending underground to perform tasks or shut down systems, utilities can identify issues before they cause problems. Instead of emergency response units arriving to avert a catastrophe, systems remain online and running smoothly.



Learn More About How Disruptive Sensors Can Benefit Power Companies

First-generation sensors were bulky, complex and often inaccurate. We've completely rethought sensor design to enable data collection anywhere and everywhere. Mini-sensors can be positioned exactly where needed to gather the most accurate data, directly from the source.

- Easy to install, deploy and manage
- Low power consumption = long battery life
- Direct connections provide maximum accuracy
- Supports next-gen IoT networks
- Industrial-grade connectivity and build-in redundancy
- End-to-end security built into the design
- Extensible platform to integrate into your systems

Benefits for Power Distribution

- Predictive maintenance
- Improved safety
- Lower cost
- Real-time alerts before issues occur

See how you can automatically monitor critical assets to improve safety, reliability and efficiency.

DISRUPTIVE TECHNOLOGIES

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 healthcare 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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