DISRUPTIVE
TECHNOLOGIES

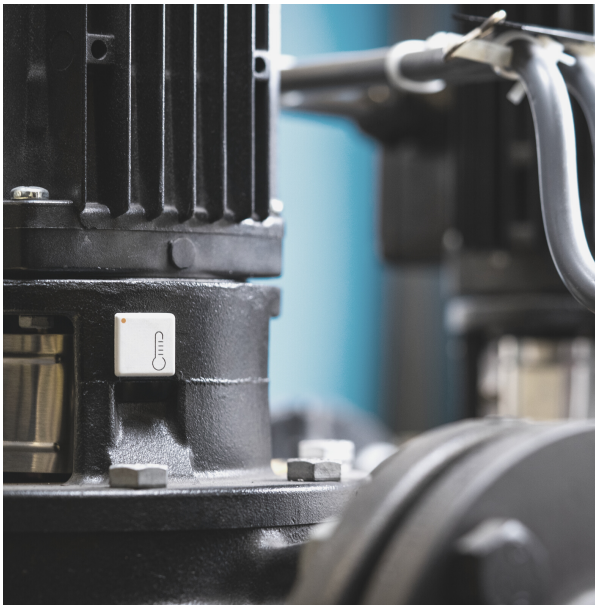
SENSORS FOR REMOTE MONITORING

Small and powerful, our sensors lead to cost-efficient facilities management

With our sensors, you'll have data to detect and diagnose potential problems. The more information you have, the more prepared you'll be to prevent accidents, equipment malfunctions, fires and other costly issues. Optimizing the central plant alone leads to **15% energy savings** from the point of sensor installation.

Prioritize Maintenance Work

In many commercial buildings, legacy equipment is running with only periodic checks and reactive fixes. Systems are often stressed beyond their original intended use. You can't always afford to replace equipment and need to optimize what you have. Yet, a site management team can't be everywhere at once. Remote monitoring takes the guesswork out of determining when parts must be replaced and when maintenance is needed. You can focus resources on areas of concern instead of conducting numerous routine checks.



Catch small issues before they turn into big problems

Finding out too late that machinery is wearing out or overheating increases the likelihood of fires, accidents and injuries. A proactive approach reduces emergency repairs, which are typically more expensive than planned maintenance. Sensors can be placed on equipment to monitor heat signatures, establishing baseline performance and indicating when it is drifting beyond accepted norms. These trends, which are not visible to the naked eye, can trigger maintenance.

Reduce energy costs

Based on sensor data, use of central systems such as HVAC can be brought in line with occupancy and actual usage, which can lead to lower service charges. Building owners can **save up to 15% in energy from the point of sensor installation**.

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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