



LEAK DETECTION



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SENSORS FOR LEAK DETECTION PREVENT SLIPS AND SPOILAGE

Leaks can be a grocery store's worst nightmare. Customers can slip. Food can spoil.

Finding water under refrigerators is usually the first outward indication of a failing unit.

Sensors can detect a leak before water pools on the floor, preventing mishaps and alerting you to leaky fridges and chillers before it's too late.

Detect Tiny Leaks Before They Become Big Problems

Refrigeration leaks can be catastrophic to grocery stores, ruining thousands of dollars of food. An entire aisle can be impacted by a leak. Approximately \$30,000 can be lost from a single undetected malfunction of a refrigeration unit.^[1]

Sensors remotely detect leaks and help resolve issues before they cause damage. Alerts inform service technicians, who can arrive quickly on scene. Meanwhile, staff can shut down units and move perishable items so they can still be sold.

Prevent Slips and Falls

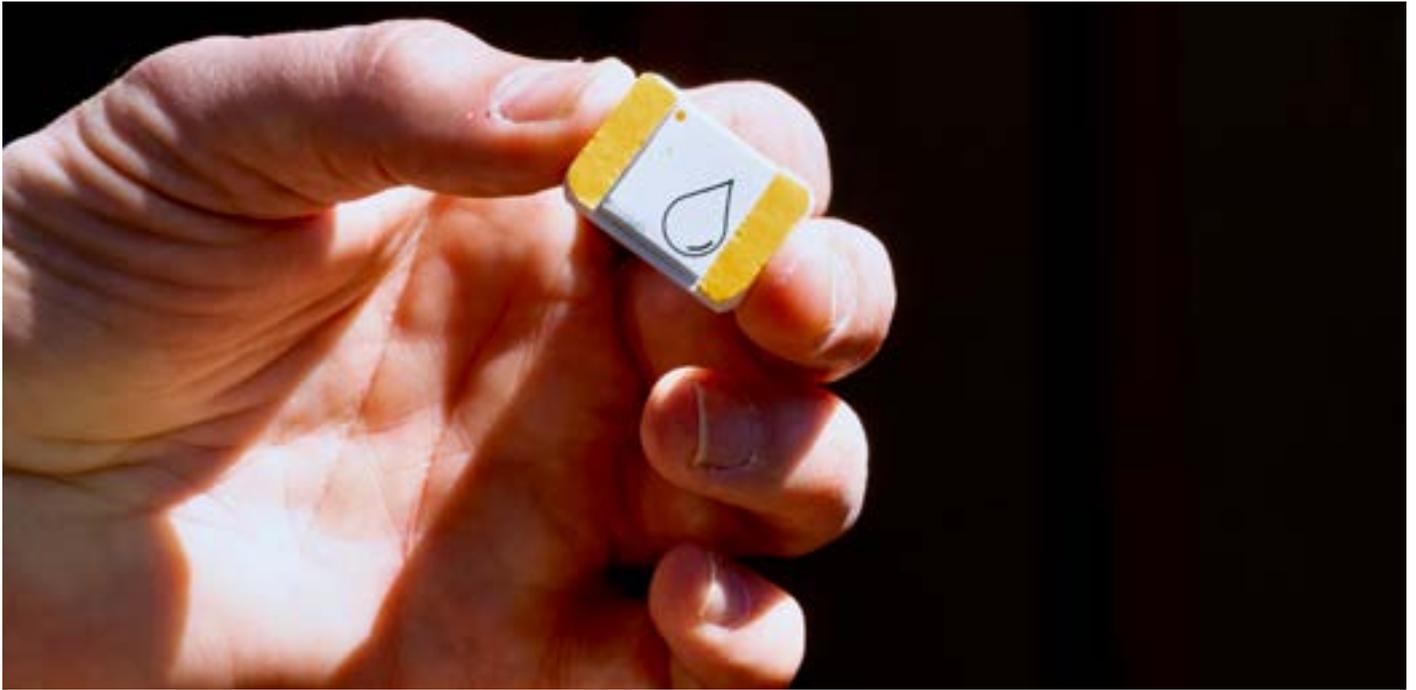
The worst way to find out about a leak is to witness a customer or employee slip and fall. No store owner wants people hurt on their property. You don't want to risk associated insurance claims, lawsuits or reputational damage.

With smart sensors, leaks are immediately detected, providing you with peace of mind.

One undetected
refrigerator
malfunction can result
in \$30,000 in lost stock.



[1] <https://www.momentaj.com/sensor-monitoring-for-food-services>



How It Works

Disruptive Technologies' mini-sensors can be applied under refrigerators and other equipment to gather data. They're small, undetectable and easy to install, even in hard-to-reach places. Sensors connect securely through Cloud Connectors with built-in cellular M2M and Ethernet and stream data through open APIs into any analytics platform. The Cloud Connectors relay traffic between all sensors in range and the Disruptive Technologies Cloud without the need for any user configuration or intervention.

Alerts can be configured to automatically generate work orders in Computer-Aided Facilities Management (CAFM) systems, savings site managers time communicating with field technicians and giving you visibility into issues.

Disruptive Technologies provides the secure sensor-to-cloud solution, while our partners provide the final application software and services. Disruptive partners are highly skilled teams of experts that provide all levels of support throughout the entire installation, configuration, and analysis process.

Why Disruptive 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 = long battery life
- Direct connections provide maximum accuracy
- Supports next-gen internet of things (IoT) networks
- Industrial-grade connectivity and built-in redundancy
- End-to-end security built into the design
- Extensible platform to integrate into your systems
- Robust construction
- Cost efficient



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Asset Tracking



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Leak Detection



Legionella Prevention



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