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Temptime – Cost-Effective, Wireless Temperature Monitoring Systems for Medication Storage and Transport

Electronic temperature and humidity monitoring solutions that meet emerging regulatory requirements and protect valuable medication inventory while in storage or transit.

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Founded: 1987

Employees: 80

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Company Background

Founded in 1987, Temptime scientists developed the first miniaturized technology to monitor time-temperature exposure of vials containing the oral polio vaccine. Our commitment to public health is reflected in our dedication to being on the leading edge of understanding pharmacy needs, and bringing new and patient-centric temperature monitoring solutions both to the pharmacy operation and into the patient's home.

Product Overview

Temptime partners with small, medium, and large national specialty pharmacies in mail order, retail, and hospitals to control escalating specialty drug costs by reducing returns and reships. Our EDGE wireless electronic monitoring solutions are allowing pharmacies to monitor storage facilities, meet the requirements for accreditation and emerging state regulations, and protect valuable medication inventory.

Our products include:

- Low cost, chemically-based heat indicators and freeze indicators for application to temperature sensitive medication and biologicals.
- Heat and freeze shipment indicators for medications.
- Electronic EDGE wireless temperature and humidity sensing systems with cloud-based data storage and sharing.

EDGE™ Wireless Sensing Systems

The EDGE™ family of sensors and software provide wireless temperature tracking, mobile connectivity, and data-sharing for temperature-sensitive products. For use in production, storage, and shipment, EDGE devices log and retrieve data through packing materials, containers, trucks, cold equipment, and temperature-controlled rooms without jeopardizing environmental integrity. EDGE wireless sensors feature:

- Bluetooth technology for wireless connectivity.
- LoRaWAN™ technology for long-distance wireless applications.
- Smartphone or mobile device setup, remote monitoring, and tracking with the free EDGEVue™ mobile and web applications.
- Cloud data-sharing and storage with EDGECloud™ services.

EDGE W-200 Wireless Temperature & Humidity Sensors

Pharmacists are taking on an ever-growing responsibility of assuring that highly valued, temperature sensitive medications are received by the patient per the manufacturer's temperature specifications. In a growing number of states, the requirements of the state board of pharmacy are also generating a need for effective monitoring and reporting tools.

The EDGE W-200 sensor (with LoRaWAN™ technology) and EDGEConnect™ are innovative solutions that make facility monitoring simple. With EDGEConnect, the W-200 modules can be configured, managed and monitored. The wireless sensor modules automatically collect data from integrated or connected sensors and transmit the information to the cloud so it can be accessed remotely from anywhere.



EDGE M-300 Mobile Temperature Sensors

Temptime's EDGE M-300 makes it easy for pharmacies to conduct accurate performance qualification (PQ) testing of an insulated shipper. EDGE M-300 is a wireless, Bluetooth-enabled mobile temperature sensor that can be placed in the package and will capture and transmit temperature data throughout transportation and storage. The M-300 can be monitored from a smartphone or tablet with the free, easy-to-use EDGEVue mobile app.

TransTracker® Shipment Indicators

TransTracker® temperature indicators are placed inside shipments of temperature-sensitive medications to monitor heat, freeze, or dual heat-freeze exposures during shipping, providing an easy-to-read visual signal of these events. TransTracker® visual temperature indicators are easy-to-read and let patients see if a shipment has been exposed to potentially damaging temperatures.

Estimated Annual Savings

One medical device manufacturer estimates significant savings as they phase out chart recorders and install EDGE W-200 wireless temperature and humidity monitoring devices in both their primary and secondary storage facilities.

