

# Real-Time Environmental Monitoring

## FlashTrak Telematics Facility Control

- Model 22125** FlashTrak Telematics Facility Control System
- Model 22081** FlashTrak Telematics Data Logger
- Model 22104** FlashTrak Telematics Temperature and Humidity Data Logger
- Model 22105** FlashTrak Telematics Data Logger with External Probe
- Model 22083** FlashTrak TMX Repeater

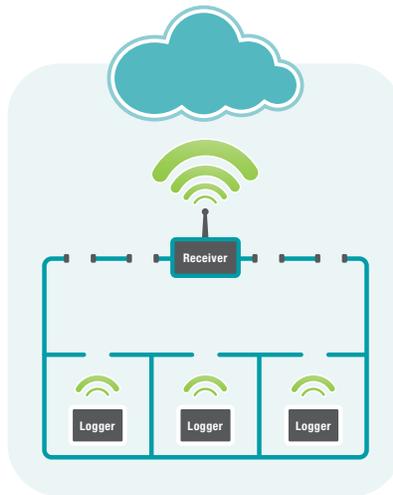


## FlashTrak Telematics Cold Storage Solution

### Facility Monitoring, Reporting & Alerts

FlashTrak Telematics wireless solution provides real-time, continuous monitoring and recording in facilities where temperature sensitive products are stored, such as warehouses, distribution centers, walk-in coolers, processing, packing and staging areas, clean rooms and laboratories. FlashTrak TM Data Loggers monitor temperature and send the data wirelessly to a Facility Control System (FCS), which uploads information to ColdTrak Data Central via cellular network or Wi-Fi. The system automatically sends alerts to

personnel when temperature excursions are detected, so immediate action can be taken to prevent product loss. Data is viewed and analyzed on ColdTrak, a cloud-based service, and reports can be downloaded to verify traceability and validate compliance with requirements of GDP/GMP, HACCP, FSMA, FDA and other regulatory agencies. Actionable data shows patterns and trends which are used for making informed decisions to improve cold chain management practices.



### Product Emulation

Most monitoring systems are designed to only measure ambient air temperatures, but it is more important to know how the internal temperature of products react and change in their environment. FlashTrak Telematics uses Product Emulation (PE) to provide a non-invasive method of measuring internal temperature without using a probe or damaging

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products and packaging. A customized algorithm is used, along with ambient air temperature, to accurately calculate the internal temperature of specific products. This data is used to increase efficiency of



refrigeration and cooling within a facility, improve inventory control, and to help make management decisions related to other areas, such as processing and packaging.

