



# Marathon LoggerPulse™ Enterprise Software and Network Data Loggers for Monitoring the Cold Chain

Marathon Products EDL-WiFi and EDL-Net temperature data loggers provide low cost, reliable, protection for drugs, vaccines, cell lines, refrigerators, freezers, incubators, and all storage facilities. LoggerPulse Enterprise Software provides Alarm Notifications and the ultimate easy access to your data anytime from anywhere.

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 Founded: 1991  
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## Company Background

Since 1991, Marathon Products has been designing, manufacturing and distributing temperature recording data collectors for monitoring the cold chain. Our growth is due to our commitment to customer service and to continuous product improvement.

Today, our customers are Fortune 500 companies including governmental laboratories, research organizations, pharmaceutical and drug discovery companies, hospitals, blood banks, IVF clinics, chemical manufacturers, the aerospace and semiconductor industries, the transportation industry and many others where obtaining accurate and reliable time and temperature information is critical for validating product and material safety.

Marathon Products' state-of-the-art technology delivers reliable data logging solutions for applications from cryogenics to high temperatures.

## Product Overview

### ■ EDL-WiFi & EDL-Net Loggers

**Real Time:** Use our EDL-Net and EDL-WiFi data loggers to enjoy real-time temperature data collection and monitoring with access at any time, from anywhere in the world over a local network or via an internet connection.

**Network Attached:** Leverage your existing network with the built-in WiFi b/g/n connectivity to avoid expensive installation costs for managing temperature data. Monitor multiple buildings, floors, rooms, and locations simultaneously.

**Alarm Notification:** User programmable to detect high and low temperature excursions or power outages, trigger audible and visible alarms, as well as send alert notifications via cell phone and/or e-mail for management control.

**21 CFR Compliant:** Marathon's 21 CFR: Part 11 compliant software, with secure supervisory controls, will allow database creations for products, part numbers, dates, locations, identification numbers, statistical analysis, and more.

**NIST Traceable:** In the lab, our NIST-calibrated and traceable thermistor probes have been tested sterile and can be used in incubators. In hospitals, clinics, pharmacies and blood banks, the EDL-WiFi and EDL-Net are perfect for quality assurance and quality control, monitoring low temperature freezers, blood storage, vaccines and biologics.

### ■ LoggerPulse

**Location Independence:** Data loggers located anywhere can be centrally managed and monitored.

**Flexible Hosting Options:** From a single Windows PC to multiple servers in multiple locations; local in-house servers to cloud-based services.

**Alarm Notifications:** Highly customizable alarm notifications ensure that the right people are alerted when loggers detect a problem. Alarm notifications can be sent as a phone call to land lines and mobile phones, as e-mail to regular e-mail accounts, or to mobile phones as text messages.

**Web-based Software:** Means hassle-free deployment for access by an unlimited number of users with a standard web browser.

**Dashboard Control:** An intuitive and interactive dashboard makes it easy to view status, manage, and program multiple loggers with ease.

**Real-time Data & Analytics:** Multiple users can concurrently monitor data streamed in real-time from any number of loggers.

**Bulk Administration:** Programming, starting and stopping hundreds of loggers can be done effortlessly from a single web page.

**Concurrent & Secure Access:** Enable multiple users to simultaneously perform analytics and administration functions while constraining actions based on permissions.

**Audit Trail:** Individual actions and exceptions are logged to the database for accountability and traceability. User notes are incorporated for explanation and follow up.

**Historical Analytics:** View aggregated logger data for any period in the past in graphical or tabular formats. Export to Microsoft Excel for further analysis and reporting.

**Attribute Filters:** A single click is all it takes to filter for specific status and conditions, e.g. Alarms.

**Multi-Sensor Inputs:** Temperature, Humidity, CO2, N2, O2 (Pending).

**Support For All Popular Browsers:** Flexible, intuitive interface ensures that LoggerPulse will work the same way regardless of your business browser standard.

## Additional Product Lines

Multi Sensor .....	EDL-8 WiFi
Multi-Use USB Loggers .....	2ctemp-USB
Temperature & Humidity Loggers.....	2ctemp-RH
Cryogenic Dual Sensor Loggers .....	EDL-LN2
High Temperature Dual Sensor Loggers .....	EDL-RTD2
Single-Use USB Loggers .....	ctemp-USB
RF Loggers .....	EDL-RF2, EDL-M5