





Today, fresh produce is sourced from across the globe. Whether it's cut flowers from Colombia or frozen prawns from Thailand, the cold chain is under increasing pressure to perform more efficiently, both to meet the demands of the giant retailers and to enhance the margins of all concerned.

Just-in time supply, continuous replenishment, reduced wastage and field-to-shelf visibility are critical challenges facing the industry. How are producers and suppliers responding? What do they expect from their logistics and transport providers?

The single most important aspect of the cold chain is the control of temperature. The industry demands an accurate, reliable, easy-to-use, and cost-effective means to verify that their produce has been stored and transported at the correct temperature.



# The Cold Chain

▶ Choosing the Logger that's right for you ◀

## Cold Storage



UTRED30-WiFi



UTRIX-16

## Transportation



USRIC-8



USRIC-4

## Warehousing



UTRED30-16



UTRED-16



# Food & Drink

Most visible at the start of the food supply Cold Chain are the farmers and growers. Over the past few years, many advances have been made in the development of farms and pack houses, enabling produce to be harvested and stored quickly and efficiently.

Hydro-cooling systems and chilled water plants maintain consistently low temperatures so that when the produce is taken from the cold store, it is not damaged by fluctuation in temperature. LogTag North America provides the supplier and customer with cost effective validation of process and storage temperatures.

► Choosing the Logger that's right for you ◀

Food Processing



UTRED-16



TREX-8

Produce Export



USRIC-4/8



USRID-16

Food Safety



UTRED30-16



TRIX-16

# Agriculture & Livestock

▶ Choosing the Logger that's right for you ◀

Meat / Dairy



URID-16



USRIC-8

Environmental



UHADO-16



HASO-8





Keeping an eye on temperature storage levels of crops and livestock are an important prerequisite for quality assurance.

To make these growing conditions right and to guarantee livestock's well-being and secure assets are well-maintained and controlled, correct compliance for monitoring within approved storage temperatures is paramount.

LogTag North America's temperature and humidity monitoring solutions for agriculture and livestock allows you to view and monitor temperature and humidity fluctuations.

The LogTag software enables you to collect all your temperature and humidity levels for record keeping to easily ensure you are meeting compliance standards, which frees up your time to focus on the more important aspects of your agriculture and livestock operations.

# Medical & Healthcare

With increasing outbreaks of virulent diseases worldwide, the rapid and reliable distribution of vaccines and healthcare products is important.

Products susceptible to temperature fluctuations can be seriously damaged if not stored and transported within the approved temperature ranges.

How can the user be confident that the product they are administering will be effective?

LogTag North America's loggers used with the integrated cloud network can be used to measure and document temperatures of vaccines, medical & healthcare products.

The system allows users to have instant visibility to data and temperature alarms, as its 24/7 monitoring cloud system alerts via SMS text messages and email notifications the moment a reading is out of range.



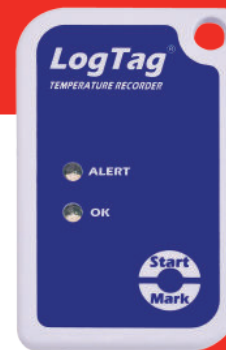
**UTRED30-WiFi**



**UTRED30-16**



**TRED30-16R**



**TRIX-8**











**UTRED-16**





▶ Choosing the Logger that's right for you ◀

Pharmaceuticals & Laboratories	Pharmaceutical Transport	Blood Transport	Organs Transport
 <p data-bbox="165 701 341 736"><b>UHADO-16</b></p>	 <p data-bbox="528 701 692 736"><b>USRID-16</b></p>	 <p data-bbox="874 701 1082 736"><b>TRED30-16R</b></p>	 <p data-bbox="1278 701 1398 736"><b>TREL-8</b></p>
 <p data-bbox="177 1153 341 1188"><b>UTRID-16</b></p>	 <p data-bbox="528 1153 699 1188"><b>USRIC-4/8</b></p>	 <p data-bbox="900 1153 1064 1188"><b>UTRID-16</b></p>	 <p data-bbox="1251 1153 1422 1188"><b>UTRED-16</b></p>

# Pharmaceutical

Most pharmaceuticals must be continuously transported at temperature and humidity limit values, along the entire supply chain so monitoring under these recommended storage conditions is a necessity.

Pharmaceuticals that are improperly packaged, stored, or shipped can lead to them becoming ineffective and potentially harmful. Temperature and humidity monitoring during transport helps ensure they get to their destination safely.

LogTag North America's solutions to measure and document temperatures of pharmaceuticals both in storage and in-transit ensure quality products without any threat of damaged potency.

LogTag® temperature data loggers provide a time and temperature record of the products, providing confidence that the pharmaceuticals being monitored will be effective and quality patient care is received.



# Vaccines




In order to maintain their quality, all vaccines must be protected from temperature extremes and other environmental hazards. Vaccines are sensitive biological products that can be damaged to varying extents by exposure to freezing temperatures, heat and light. Once the potency of a vaccine is lost, it cannot be regained.

LogTag North America offers a range of products suited to monitoring vaccine temperatures while in storage and during transportation.

Included in this range are a number of WHO PQS listed data loggers which are pre-qualified for E006 PQS standards and are suitable for use in immunization programs.



► Choosing the Logger that's right for you ◀

Vaccines	Vaccine Transportation (WHO Protocol)	Vaccine Storage (WHO Protocol)
 <p>A blue LogTag UTRED30-WiFi vaccine logger with a white syringe attached. The screen displays 'TIME 13:46', 'CURRENT 7.0°C', 'MIN 4.9°C', and 'MAX 7.0°C'. It has buttons for 'Fm', 'REVIEW MARK', and 'START CLEAR STOP'.</p>	 <p>A yellow and blue LogTag USRID-16W1/2 vaccine transportation logger. The screen shows 'DATE 3 9 HOURS', 'TEMP INDICATOR 4.3°C', and 'WHO TYPE 1 20-DAY ESI'. It has 'STOP REVIEW' and 'START MARK' buttons.</p>	 <p>A blue LogTag Vaxtag vaccine storage logger. The screen displays '00%Ts', 'ALARM 4.0°C', and 'REVIEW MARK'. It has 'REVIEW MARK' and 'START CLEAR STOP' buttons.</p>
<p><b>UTRED30-WiFi</b></p>	<p><b>USRID-16W1/2</b></p>	<p><b>Vaxtag</b></p>
 <p>A blue LogTag TRED30-16R vaccine logger with a white syringe attached. The screen shows 'TIME 12:53' and 'CURRENT 12.5°C'. It has 'REVIEW MARK' and 'START CLEAR STOP' buttons.</p>	 <p>A yellow and blue LogTag TIC20-Wx vaccine transportation logger. The screen displays '6.8°C', '2 HRS 5 MIN', and 'OK'. It has 'REVIEW' and 'START STOP' buttons.</p>	 <p>A blue LogTag TRIX-8 vaccine storage logger. The screen shows 'ALERT' and 'OK' indicators. It has a 'Start Mark' button.</p>
<p><b>TRED30-16R</b></p>	<p><b>TIC20-Wx</b></p>	<p><b>TRIX-8</b></p>

▶ Choosing the Logger that's right for you ◀

**HVAC**



**UHADO-16**



**HAXO-8**

**Chemicals**



**UTRED30-16**



**TREL30-16R**

**Manufacturing**



**UHADO-16**



**HAXO-8**

# Industrial

Temperature sensitive chemicals, material & electronic components from around the world rely on today's high-demand global cold chain and storage.

Many of these products are also time sensitive so knowing your shipment or storage has not been exposed to temperature abuse is paramount.

LogTag North America offers a range of products tailored to the application you require while meeting

ISO standards through high QA and industry compliances.

LogTag® Temperature dataloggers are also ideal for HVAC system verification and troubleshooting.

Multiple LogTag® dataloggers are cheaper and more versatile than a single conventional multi-channel logger and can be set up on site in a fraction of the time of competing monitoring systems.



***LogTag***

*Quality through experience*

[logtagrecorders.com](http://logtagrecorders.com)