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protected by  **Pharma**Watch

Environmental Temperature Monitoring Overview

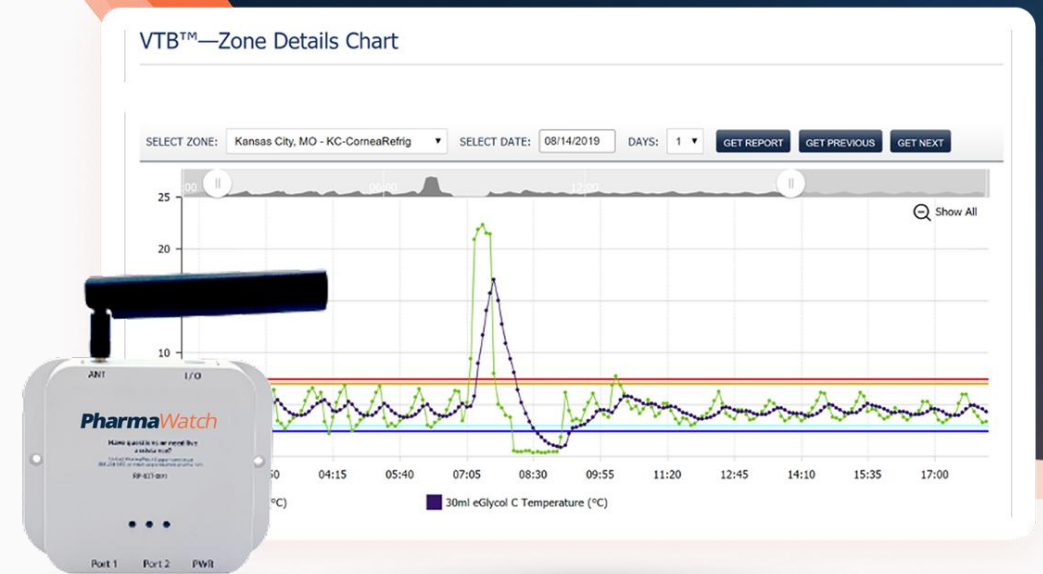


Let's talk about...



The ***Most Advanced*** Environmental Monitoring & Compliance Solution for Healthcare

Our wireless technology is purpose-built to monitor critical healthcare environments, ensuring the safe storage of biologics, tissues, vaccines, medications, and other sensitive pharmaceuticals.



Effortless Compliance & Monitoring: Eliminates the challenges of manually tracking multiple healthcare environments across various locations while ensuring seamless, automated regulatory compliance

Why choose **accucold**

protected by **PharmaWatch**

Because **compliance should be easy**, not a headache. Our **plug-and-play wireless monitoring system** gives you:



Peace of mind – Always know your sensitive assets are protected.



Lower costs – No expensive IT infrastructure or maintenance.



Instant compliance – Automate reporting and eliminate manual monitoring risks.



Some Our Clients



Saint Alphonse

CorneaGen



Client Base

- 📍 **US Market** – Live across 42 states
- 📍 **International** – Multiple installations across Australia, Canada, Israel and Mexico

Compliance

- ✓ State Board of Pharmacy
- ✓ JCAHO & DNV
- ✓ CDC
- ✓ VFC
- ✓ AABB
- ✓ FDA (HCT/Ps, CGTP)
- ✓ FDA (CFR 21 Part 11)
- ✓ FDA (GxP, cGMP, and GLP)

Solutions

- Blood Bank
- Cryobanks and IVF
- Hospitals and Clinics
- Surgery Centers
- Tissue Banks
- Vaccines
- VFC Solutions

Stay ahead of compliance regulations. Avoid costly failures. Protect your inventory.

This is **Monitoring Made Easy.**

The Hardware: Smart, Reliable, Hassle-Free

Effortless Compliance & Monitoring—No IT Headaches

Set it & forget it – Our **best-in-class cellular sensor radios** eliminate IT complexities. No servers, nodes, or extra hardware needed. Just install, power up, and start monitoring instantly.

100% hassle-free connectivity – Works independently of your IT network, reducing cybersecurity concerns and setup time.

Real-time, secure data – Sends continuous updates **every 5 minutes** to our **globally redundant cloud servers**—so you always know your critical assets are protected.

Plug, Play & Protect—In Under 20 Minutes

No complex setup – Each sensor installs in **less than 20 minutes**, with zero disruption to operations.

Automated compliance, zero guesswork – Avoid regulatory risks by ensuring every critical healthcare environment meets temperature and storage requirements—**effortlessly**.

Fewer failure points, maximum reliability – By eliminating extra access points and hardware, you get a **more stable, dependable system** that won't break down when you need it most.



Power You Can Count On—Even in a Crisis

A/C powered with built-in rechargeable battery backup – Runs for **5 days** without power, so your monitoring never stops.

Instant alerts before issues become disasters – Be the first to know if power is lost or battery levels drop, so you can take action before product loss occurs.



The Communication:

Secure & Always Connected

Multi-Carrier, Multi-Bandwidth Cellular Communication

Leverages the latest cellular technology to deliver data via **Verizon (certified client), AT&T, and T-Mobile**, ensuring optimal connectivity.

Advanced signal penetration – 4x stronger than standard cellular devices, ensuring connectivity in tough environments.

Works without WiFi – Maintains monitoring **during power outages, transportation, and in remote areas.**



Seamless Deployment, No IT Dependencies

No network credentials, firewall issues, or IT setup – installs quickly with zero hassle.

Smart multi-bandwidth switching – Automatically connects to the strongest available signal.

Why It Matters

PharmaWatch's **cutting-edge cellular technology** ensures uninterrupted monitoring, reducing compliance risks and IT complexity—so you can focus on what matters most.

Effortless Calibration:

Stay Compliant, Stay Confident



PharmaWatch™ Recalibration Management Service

Pre-calibrated to ISO 17025 regulatory standards — ensuring precise, reliable results.

NIST-traceable certification for audit-ready compliance.

Calibration status displayed directly on the device for instant visibility and peace of mind.

Engineered for long-term accuracy with a two-year calibration interval.



Compliance Without the Complications

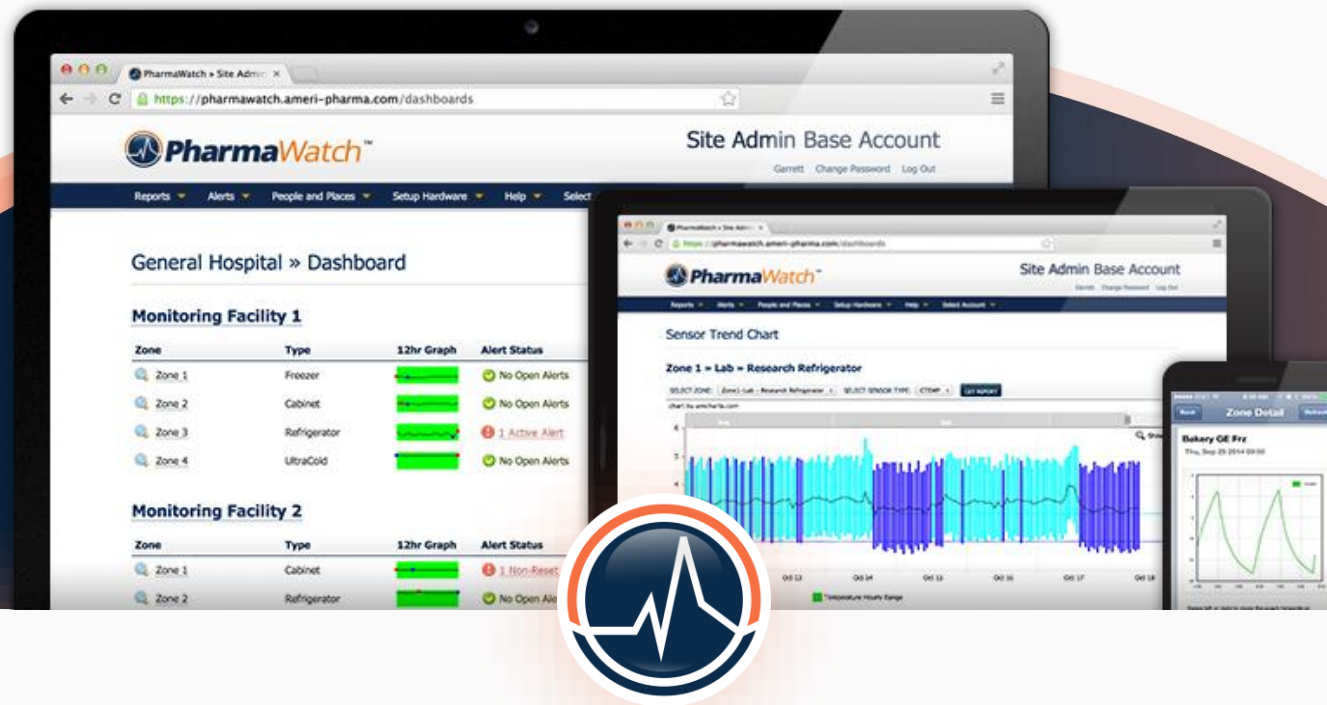
Automatic certificate updates — no manual tracking or paperwork.

Probes are shipped automatically before NIST certification expiration — no coordination required.

Quick-swap disposable probes ensure uninterrupted monitoring and full compliance.

Focus on delivery of care— not monitoring.

PharmaWatch™ keeps you compliant, effortlessly.



Our Portal: Real-Time Data. Anytime, Anywhere.

Instant access to critical monitoring insights from any internet-connected device. Stay ahead of compliance risks with a secure, cloud-based portal that provides real-time alerts, historical trends, and complete visibility across all your monitored environments—whenever and wherever you need it.

Just4Kids » Dashboard

Focus All Locations

JFK - Rexburg

Zone	Type	CQ™	12hr Graph	Alert Status	Current Value	Last Reported
RX - Freezer 1	Freezer	100		No Open User Alerts	-14.8°F	2 minutes ago
RX - Fridge 1	Refrigerator	100		No Open User Alerts	39.7°F	3 minutes ago

Just 4 Kids - Chubbuck

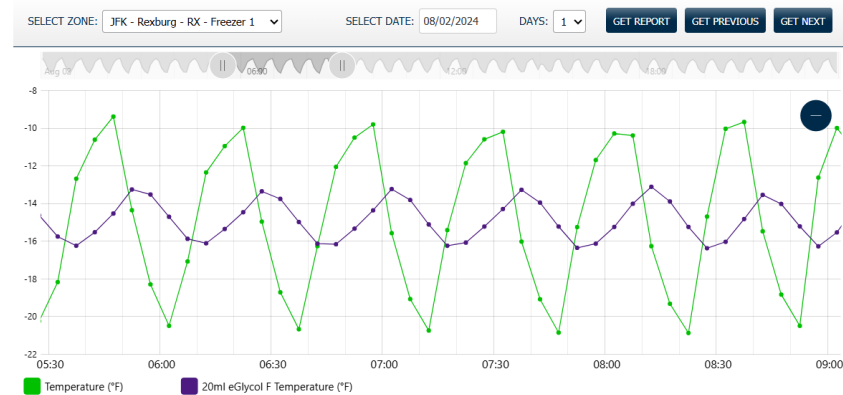
Zone	Type	CQ™	12hr Graph	Alert Status	Current Value	Last Reported
CH - Freezer 1	Freezer	99		No Open User Alerts	-3.8°F	1 minute ago
CH - Fridge 1	Refrigerator	99		No Open User Alerts	41.8°F	2 minutes ago

Just 4 Kids - Idaho Falls

Zone	Type	CQ™	12hr Graph	Alert Status	Current Value	Last Reported
IF - Freezer 1	Freezer	100		No Open User Alerts	-13.4°F	2 minutes ago
IF - Fridge 1	Refrigerator	100		No Open User Alerts	42.4°F	4 minutes ago

VTB™—Zone Details Chart

Just4Kids » JFK - Rexburg » RX - Freezer 1 » Fri, Aug 02, 2024 MDT



20ml eGlycol F Temperature Statistics

Start: 05:25	Below Alert: 0m	Above Alert: 0m	Rdgs: 45	Max: -13.11°F @ 08:10
End: 09:05	Below Caution: 0m	Above Caution: 0m	Avg: -14.9°F	Min: -16.37°F @ 08:25

Portal Dashboard: Total Visibility, Effortless Compliance.

- ✓ **Enterprise-wide visibility** – Monitor all devices by department or location in one dashboard.
- ✓ **Access from anywhere** – Secure login from any internet-connected device.
- ✓ **User-friendly interface** – Intuitive design, with key insights just **three clicks away**.
- ✓ **Powerful reporting & compliance tools** – Easily generate reports, audits, and validation documents.
- ✓ **FDA CFR Part 11 compliant & NIST-calibrated** – Meets strict regulatory standards.
- ✓ **Customizable alerts & user profiles** – Ensure the right people get notified at the right time.
- ✓ **Comprehensive training & support** – Helping teams maximize efficiency and compliance.



Smart Alerts: Immediate Insights. Zero Guesswork.

Customizable Alerts to Reduce Alert Fatigue

User Alerts – Triggered when a monitored zone exceeds preset alert range.

System Alerts – Triggered by power loss, low back-up battery (lasts 4-6 days), cellular connectivity or probe issues.

Admin Alerts – Triggered when a User or System alert is not addressed within a set timeframe.

Instant Notifications, Anytime, Anywhere

Receive alerts via call, text, email or a combination of all.

Acknowledge → Reset → Document → Close

Includes templated & free-form comments at every stage.

Automatic audit trail links to Zone Detail Charts for full excursion history.

Managed Acknowledgment for Smarter Alert Handling

Set custom timeframes for the system to recheck and process alerts automatically.



Alert Acked	System Reset	Docs Recorded	Alert Closed	Action
×	×	×	×	

Patented Temperature Buffering: Precision Without Physical Media

No glycol, glass beads, or other physical buffers needed—eliminating contamination risks and maintenance.

Patented algorithms accurately model stored product temperature for any container size.

Unlike traditional physical buffers, this system provides both:

- **Raw air temperature readings** to assess equipment performance and detect potential maintenance needs.
- **Buffered temperature readings** that reflect actual product conditions for better compliance and quality control.

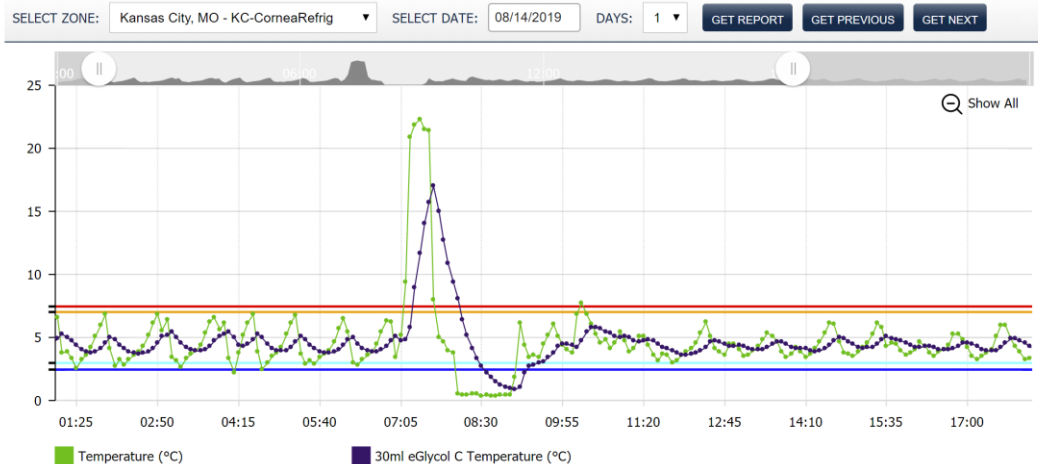
***Raw air temperature provides insight into equipment performance and possible maintenance needs.*

Why It Matters:

Get a **complete picture of your storage environment**, ensuring product integrity while proactively identifying equipment issues before they escalate.

VTB™—Zone Details Chart

Saving Sight » Kansas City, MO » KC-CorneaRefrig » Wed, Aug 14, 2019



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No Capital Expense: All-Inclusive Subscription

Comprehensive Subscription-Based Pricing

Hassle-Free Installation & Validation – Includes IQ/OQ, PQ guidance, and a dedicated Account Manager.

Full Support & Training – Dedicated account manager to help with plug and play installation, online training, and **24/7 emergency support**. (Expert installs available)

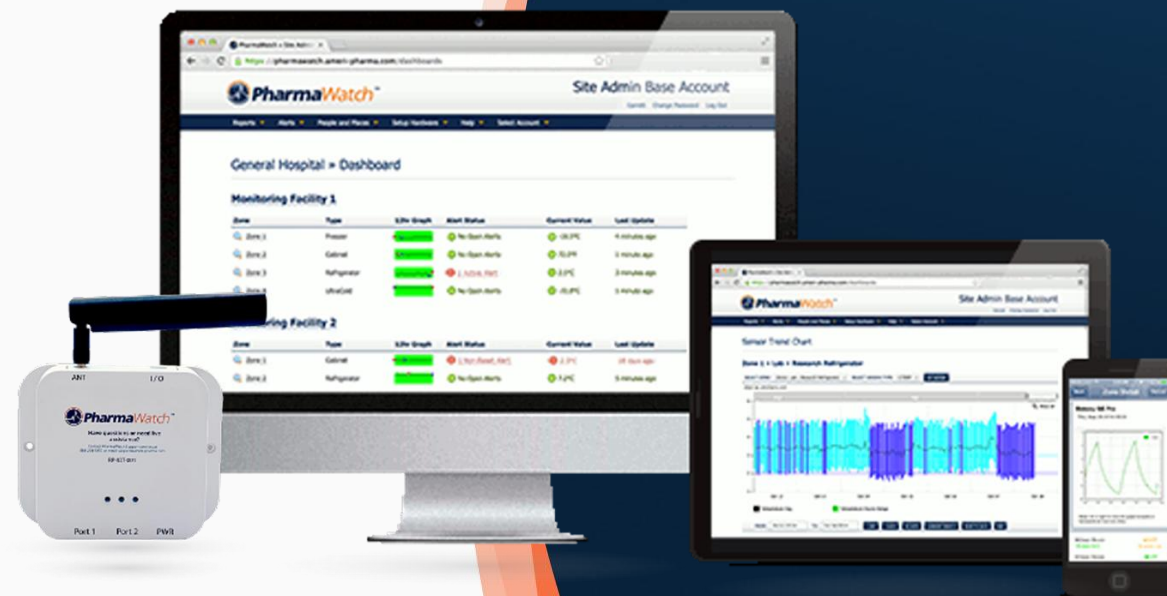
No Hidden Costs – **Data, hosting, and cellular fees included**—we optimize it for you!

Complete Coverage – Software updates, hardware replacements, and repairs are all included.

Fully-Warrantied, Leased Hardware

No CAPEX required – We provide the latest hardware with **zero upfront cost**.

Unlimited Hardware Warranty – If something happens, we'll **replace it**—no questions asked.



What People Are Saying... ”

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Health System - Trinity Health is not-for-profit health system operating 92 hospitals in 22 states, including 120 continuing care locations encompassing home care, hospice, PACE and senior living facilities.

"The JC [Joint Commission] reviewed the monitoring data themselves and were quite impressed. Please let your team know the good work they are doing." – **VP Clinical Operations**



National - United States Centers for Disease Control and Prevention.

"PharmaWatch's work with vaccine storage and handling is innovative." – **CDC Public Health Advisor**



Clinical Research - Clinical Trials, Clinical Research, Medical Hero, Paid Volunteers, Research, Vaccines, Clinical Research Trials, Clinical Research Site, Research Site, Pharmaceuticals, Study Participants, Medicine, Health Care, Dermatology, Women's Health, and PBMC

"PharmaWatch has been the solution to our temperature monitoring requirements, helping us maintain the highest quality standards in Clinical Research as our company grows. PharmaWatch simplified our monitoring process, not only on the individual site level, but locally at multiple sites, as well as, remotely as we have expanded to 5 states." – **VP Clinical Operations**



State – Arkansas Immunization Program for 400 zones across 100 clinics.

"The Nurses are training themselves! PharmaWatch is so intuitive to use." – **State of Arkansas Immunization Program**



Federal – One of the 57 federally designated organ procurement organizations (OPOs) in the US. Serving 77 counties, partnered with 100 hospitals and 4 transplant centers.

"PharmaWatch empowers our team to monitor several environments across multiple locations from a single dashboard view." – **Manager Tissue Services**

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Thank You!