Reimagine Cold Chain

Ensure the safety of products moving through the supply chain with sensor-based, real-time technologies to measure and monitor temperature, humidity, pressure, light exposure.

Overview
The global pharmaceutical cold chain market is expected to grow, but losses from temperature fluctuations can slash revenues for life sciences companies. Valued at over $73B USD, the pharma industry requires specific transport equipment, and must meet stringent handling and compliance regulations. Our solution provides reliable real-time monitoring, and historical analytics by recording critical environmental parameters for vaccine and pharmaceutical storage. Both ensure safe product distribution, better quality, certified delivery, proactive actions, and predictive maintenance—all of which can increase operations efficiencies and customer satisfaction levels.

Features
- Unit-level visibility into cold chain with geospatial tracking of shipments through a control tower view
- Temperature sensors enable track-and-trace and real-time remote temperature monitoring
- Quality certificate to comply with regulatory and customs requirements

Functions
- Map-based tracking
- SAP Fiori®
- Action triggers providing real-time alerts
- SAP S/4HANA®
- Real-time data

Industries
- Life Sciences
- Healthcare

Processes
- Order to cash
- Make to deliver
- Procure to pay
- Delivery
- Transformation

Innovations leveraged
- SAP S/4HANA®
- Real-time data

Enables fit-for-use certification where required
Increased revenue recognition through reduced shipment/storage losses and increased on-time delivery
Greater compliance through availability of quality records and certificates for regulatory and customs authorities
Improved customer satisfaction through on-time healthcare product delivery and consistent quality
Reduced operational costs through proactive alerts and action triggers; reduced product and logistics losses

Track ambient—or container—level cold chain parameters
Real-time visibility of in-transit shipment health through automated system notifications, email triggers, and SMS alerts
Trigger business decisions within app (e.g., revoking shipment, canceling customer delivery)
Notification and analytics dashboards for overall supply chain health and alerts management