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CISCO

The bridge to possible

Cisco Industrial Asset Vision

Refrigeration Monitoring

Cisco Cloud Management

Cisco LoRaWAN Gateway

Asset Tracking

Door and Motion Sensors

Temp / Humidity Sensor

Your challenges

Maintaining refrigerated cold storage rooms and refrigerated warehousing is a difficult operational task for organizations. They struggle with multiple challenges, including:

- **Worker safety:** Cold storage environments are dangerous for workers. The conditions are conducive to accidents. Workers who are mistakenly locked in spaces or exposed to low temperatures for too long can experience injury or death.

- **Protecting inventory:** Perishable goods that require refrigeration must be maintained within a specific temperature range to retain their value.

- **Operating efficiently:** Refrigeration is expensive to maintain. Oversights like unlatched doors or missed equipment malfunctions can lead to higher operating costs that erode profits.

Operational teams need a reliable scalable way to monitor the safety, conditions and efficiency of refrigerated environments 24/7.

Benefits

- Improved worker safety
- Increased reliability
- Inventory protection
- Improved efficiency and reduced costs

Monitor

- Freezer and cold room temperature and humidity
- Ingress and egress
- Water leak detection

Ideal for

- Plant managers and supervisors
- Operations Managers
- Health, safety and environmental (HS&E) managers
- Compliance and food managers

Industrial Asset Vision scalable sensor solution

What if your team could monitor refrigerated environments 24/7 to make them safer, more reliable and more efficient?

Imagine monitoring for:

- Ingress and egress so you know when workers enter and exit
- Temperature and humidity to determine whether or not goods are being maintained within required ranges
- Water leaks to identify malfunctioning equipment or unlatched doors that are eroding your efficiency

Cisco Industrial Asset Vision
All the technology you need, integrated and ready to go

Cisco LoRaWAN gateways

New! Cisco industrial sensors

New! Cisco cloud-managed operations dashboard

| Temp/Humidity | Water | Location | Ingress/Egress | Occupancy | Light | Vibration |

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Cisco® Industrial Asset Vision industrial sensor solution helps you improves safety, reliability, and operational efficiencies by monitoring assets and facilities using sensors. It is a simple all-in-one, cloud-managed solution ideal for refrigerated spaces. Industrial Asset Vision has everything you need, from sensors to the gateways to the cloud-managed operations dashboard – integrated, secure, and ready to go. Users gain holistic and actionable insights with its easy-to-use, cloud-based dashboard. The dashboard provides a single view of the asset or facility health across all its associated sensors. It includes the ability to monitor health across related assets and facilities and even the gateway itself.

Deploying this solutions on your industrial assets securely is easy enough for any operational team to do without onsite-IT support. It's easy to add capabilities over time so your team can scale with a Cisco-validated solution. Learn more at: cisco.com/go/iav.

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