

Cisco Industrial Asset Vision

Remote monitoring of assets and facilities helps businesses become safer and more efficient

Cisco introduces Industrial Asset Vision, providing simple monitoring of your assets and facilities to keep them up and running efficiently. Industrial Asset Vision has all the technology you need, from the sensors and gateways to the management – secure, integrated, and ready to go.

The entire solution deploys in minutes using a simple QR code, and scaling is a breeze. Management and visualization are cloud-based and the solution requires little technical expertise, reducing the burden on IT or the need for expensive service contracts. Users gain holistic and actionable insights in one easy-to-use dashboard. The dashboard provides a single view of asset or facility health across all associated sensors. It includes the ability to monitor health across related assets and facilities, including the network gateway itself.

Industrial Asset Vision enables you to identify opportunities and issues that could impact your operations, worker safety, and revenue. It gives you powerful visibility across your business, by asset and location, creating automated reporting, role-based access and insights, and flexible alerts using email or mobile notifications, all in a single pane of glass.

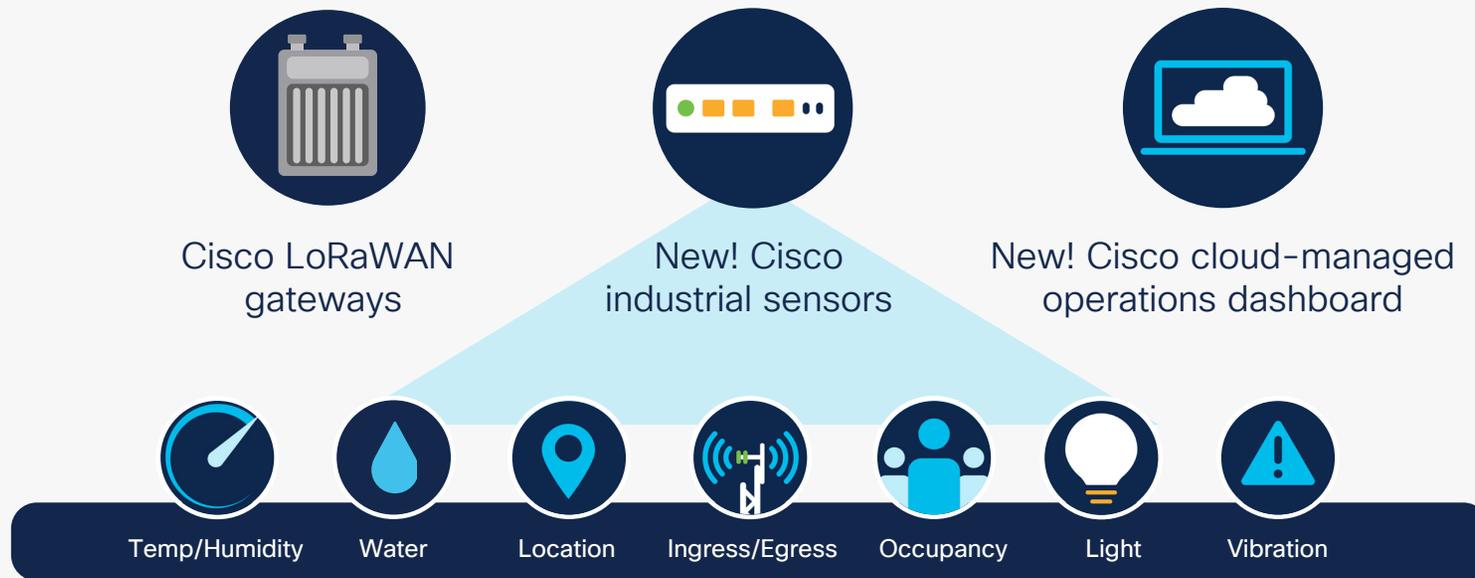
Cisco® Industrial Asset Vision, a simple and secure all-in-one cloud-managed solution, has the following benefits:

- Prevents unnecessary site visits and manual equipment checks, due to better data that is centrally managed.
- Reduces downtime and enables better asset utilization, due to the ability to use environmental and asset data to report on asset conditions
- Provides operations managers data to ensure that products are in compliance and workers are safe
- Helps managers know workers' locations to minimize contact between them and meet health and safety requirements



Cisco Industrial Asset Vision

All the technology you need, integrated and ready to go



Get a clear picture of how assets are performing using their telemetry and geolocation data

Today, most asset monitoring and tracking solutions are not integrated with the underlying network, which reduces operations managers' ability to quickly and easily deploy, scale, and manage these solutions. They have multiple dashboards and interfaces, requiring more time and resources to identify problems and business-impacting trends, and often leading to missed insights and lost opportunities to improve operations. In a word, these solutions are **not** simple.

Cisco Industrial Asset Vision is a simple, secure, all-in-one, cloud-managed solution for visualizing assets and facility conditions. This turnkey solution enables operations managers to enhance safety and efficiency and improve operational resiliency while protecting investments and lowering costs.

Cisco is introducing a new family of industrial sensors that provide telemetry and tracking information for assets and facilities. These sensors are pre-integrated with the Cisco gateway and management dashboard. Their IP65 and IP67 ratings allow the devices to be deployed in outdoor and indoor industrial environments. Field technicians can deploy one or many to monitor a wide variety of conditions, including moisture, temperature, humidity, leak detection, storage tank levels, ingress and egress, vibration, lighting, occupancy, and asset location. These sensors connect to the Cisco Wireless Gateway for LoRaWAN.

Monitoring and tracking assets should be simple

Are you tired of stitching together asset monitoring and tracking solutions in the hope that you will get a complete view of your operations? Cisco Industrial Asset Vision brings together OT and IT requirements for a better understanding of the collective status of a field or remote asset. The simplicity of onboarding remote IoT sensors and gateways, with the backing of Cisco network security and connectivity capabilities, makes this solution IT friendly. The ease of retrieving asset insights creates a higher level of comfort for OT and helps them make more timely business decisions. For additional information, visit www.cisco.com/go/iav.

The gateway supports LoRaWAN for wireless connectivity and, like the sensors, is designed for outdoor and indoor industrial environments. The cost-effective, small-form-factor gateway delivers secure, reliable, long-range connectivity, enabling the use of fewer gateways per solution. With its geolocation capabilities, the gateway can track and monitor assets and locations to improve logistics, prevent theft, and enhance operational efficiency.

Industrial Asset Vision comes with a new, easy-to-use, cloud-based management dashboard, providing visibility into the location and condition of your assets and facilities – from the sensors to the gateway. Use alerts or generate reports to take action when needed. Its unified management allows you to troubleshoot across the sensors, the gateways, and the LoRaWAN network. With support for plant and GIS map views, defined geofenced areas that overlay assets, and location breadcrumbs, you will always have full vision of your industrial assets.

Common use cases



Equipment monitoring

- Equipment temperature
- Equipment vibration and movement
- Outdoor asset tracking



Warehouse monitoring

- Indoor environment (temperature/humidity)
- Ingress/egress and occupancy
- Water leak detection
- Lighting conditions
- Outdoor asset tracking



Remote facility monitoring

- Outdoor environment (temperature/humidity)
- Ingress/egress and occupancy
- Water leak detection
- Lighting conditions
- Outdoor asset tracking



Refrigeration monitoring

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