

Cisco Operational Insights

Connected smart operations to address business concerns

Cisco® Operational Insights is more than an asset management tool. It is a comprehensive single resource for monitoring, managing, and optimizing your assets, Internet of Things (IoT) sensors, alert systems, and operational workflows. Using a technology-agnostic approach, the solution can use a wide range of tags and sensors, including Wi-Fi, Bluetooth Low Energy (BLE), RFID, and environmental monitors, to continually integrate, monitor, and manage your connected operations. Through its cloud-based dashboard, you can define the profile, category, and ownership of each of the assets. You can establish business rules to define workflows and the expected operating range of your assets and sensors.

Operational Insights then continually monitors data from the assets and sensors—including environmental status and current operational state. When any measure deviates from the norm established by your workflows, policies, and business rules, the solution swings into action. It can give you an immediate alert. Or if you prefer, it can trigger an automated action that is predefined by your workflows and business rules.

The solution dashboard gives you real-time visibility into how your operations are functioning, enabling you to immediately remediate and optimize operational processes. In addition, you have access to a wide range of historical reports and Key Performance Indicators (KPIs) to help you continually evaluate the effectiveness of operations and measure the impact of new processes.

Benefits

- **Use your existing wireless network** to provide better operational insights and efficiencies
- **Digitize and capture** indoor location, sensor telemetry and other contextual data from your assets
- **Save critical staff time** by easily managing and quickly locating assets in your facilities
- **Synthesize the collected data** via a sophisticated rules engine, apply business and workflow rules, and automatically trigger defined actions and alerts
- **Reduce manual processes** by tracking, managing, and monitoring Wi-Fi, BLE, RFID tags, and telemetry sensors attached to assets

Benefits

- **Avoid inventory loss or stock outages** by monitoring assets and sensors in real time, applying business and workflow rules, and automatically triggering alerts
- **Automate KPI** monitoring through the web dashboard and reports, for real-time and historical insights to optimize operations
- **Provide connectivity to enterprise applications** via a flexible, API-driven platform
- **Gain unified visibility** across the entire organization from a single cloud-scaled dashboard while providing custom roles and permissions to users
- **Reduce CapEx and maintenance costs** with a SaaS subscription model

Tailored to your needs

Cisco Operational Insights has the flexibility to fit your needs. It is tag and sensor technology agnostic, so depending on your technology preferences or accuracy needs, you can use a Cisco Wi-Fi or BLE solutions.

Cisco Operational Insights web and mobile applications give you the power to tailor the solution to your needs. How do you want to connect and categorize your assets? What sensors are important to your operations? What is your workflow? Through a single, cloud-based interface, you have complete control over each of these elements. And by automating your workflows and alerts, you no longer need to spend cycles on day-to-day monitoring, but rather can focus on continually improving your operations.

Operational Insights is a cloud-based solution that can be deployed easily and quickly and significantly reduces operational overhead. And its subscription model helps provide predictable, year-to-year operational expenses.

Next steps

For more information about Cisco Operational Insights, please visit <https://www.cisco.com/go/cmxc>.