

# Take control of your expanding IoT ecosystem.

Solution brief

## Sensor Insights

We're experiencing massive growth in the volume and importance of Internet of Things (IoT) connected devices. Organizations are embracing IoT to help them overcome common challenges, such as reducing downtime, lowering energy consumption, and connecting workers and supporting their safety virtually anywhere work takes them.

**56.9 B**

connected IoT devices in 2027<sup>1</sup>

Nearly

**119.5 ZB**

of data will be generated by 2027.<sup>1</sup>

### Efficiently managing IoT technologies isn't easy.

An IoT ecosystem often consists of disparate sensors and gateways that can use different protocols and technologies, making monitoring a complex and time-consuming task. That complexity also limits your ability to get near-real-time insights into operational health. Scaling your IoT infrastructure only increases the complexity, causing uncertainty over where and when to invest. Adding to the challenge is the lack of real IoT experience and technical expertise internally, leaving many organizations unable to fully capitalize on what IoT technologies can do.

### Verizon makes IoT simpler.

Verizon Sensor Insights is an IoT infrastructure management solution designed to make the most complex IoT landscapes simpler and easier to manage, run and scale.

#### Simplifies management across IoT protocols

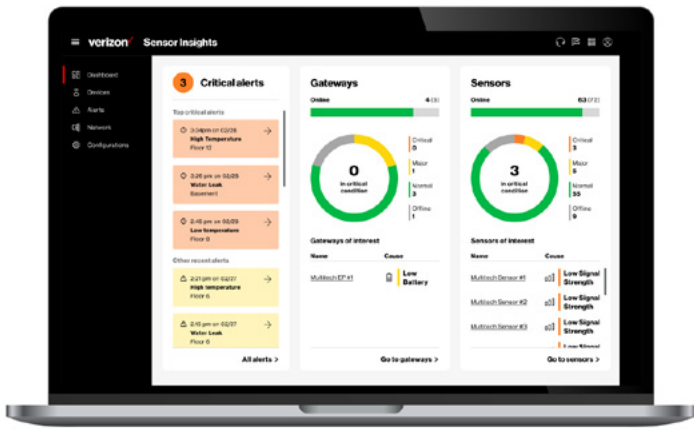
- Supports key IoT protocols—LoRaWAN, Bluetooth Low Energy (BLE) and IO-Link\*—so you can manage all your sensors and gateways in one place
- Minimizes disruption to existing infrastructure
- Increases flexibility in IoT equipment choice

#### Enables proactive monitoring and optimization of your IoT ecosystem

- Provides a unified portal for managing disparate IoT elements
- Features a health score that shows IoT element status and performance at a glance
- Provides out-of-the-box condition-based monitoring

#### Eases planning for future growth

- Scales with your IoT infrastructure without compromising performance or usability
- Relies on Verizon's robust and highly secure network—including America's most reliable 5G network<sup>2</sup>
- Use the IoT Digital Advisor tool to build future deployments



## Sensor Insights portal

Put an end to a fragmented approach to IoT with a unified portal that delivers critical information at a glance. View sensor data and manage IoT infrastructure and condition-based alerts in near real time.

- View user-defined sensor alerts and IoT infrastructure health alerts.
- Monitor sensors and gateways across protocols.
- Gain insight into performance, battery life, signal strength and more.
- Store sensor data and explore historical data trends (temperature, humidity, etc.) for up to 90 days.
- Use connectors and application programming interfaces (APIs) to integrate data with other IoT applications and cloud-based analytics.

## IoT Digital Advisor

Explore and plan for additional IoT projects quickly and easily through our IoT Digital Advisor tool. Discover devices and connectivity by industry and use case, selecting components that you can be confident will work seamlessly together—without guesswork.

- Begin your journey or plan your expansion with an intuitive, web-based tool and cost estimator.
- Get sensor and gateway recommendations based on your unique business requirements.
- Browse solutions by use case, or provide details on what you want to monitor and let the tool recommend the solution for you.

\*10-Link available in Q4 2024

1. "Worldwide IDC Global DataSphere IoT Device Installed Base and Data Generated Forecast, 2023–2027," IDC, Doc #US50398223, September 2023.

2. Most reliable 5G network based on more first place rankings in RootMetrics® 5G data reliability assessments of 125 metro markets conducted in 2H 2023. Tested with best commercially available smartphones on three national mobile networks across all available network types. Your experiences may vary. RootMetrics rankings are not an endorsement of Verizon.

3. Commercial Real Estate: An Overview of Energy Use and Energy Efficiency Opportunities," ENERGY STAR, Accessed May 23, 2024. <https://www.energystar.gov/sites/default/files/buildings/tools/CommercialRealEstate.pdf>

4. Gartner, "Voice of the Customer for Managed IoT Connectivity Services, Worldwide," by Peer Contributors, March 22, 2024.

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## Sensor Insights for real estate and facilities management

Help maintain the comfort and security of your people and guests, and enhance the energy efficiency of your facilities.

- Monitor areas at your facilities to monitor security and help reduce shrinkage.
- Identify underused spaces to help reduce energy consumption and save on operating costs.
- Provide comfortable and safe conditions for workers, occupants and guests and improve the customer experience.
- Receive near-real-time alerts to potential problems, enabling immediate response time.

**Energy use is the single largest operating expense in commercial office buildings, representing approximately one-third of typical operating budgets.<sup>3</sup>**

## Why Verizon?

Partnering with Verizon for your IoT journey makes sense. Our experience and deep expertise helps enable more efficient manufacturing processes, improved operational efficiency, better visibility all along the supply chain and stronger security for your proprietary data.

**America's most reliable 5G network<sup>2</sup>**

**99% of Fortune 500 companies do business with Verizon.**

**Named a 2024 Gartner® Peer Insights™ Customers' Choice for Managed IoT Connectivity Services, Worldwide<sup>4</sup>**

## Learn more.

Let's get started. Contact your Verizon Business representative or visit [verizon.com/sensorinsights](https://verizon.com/sensorinsights) to learn more.