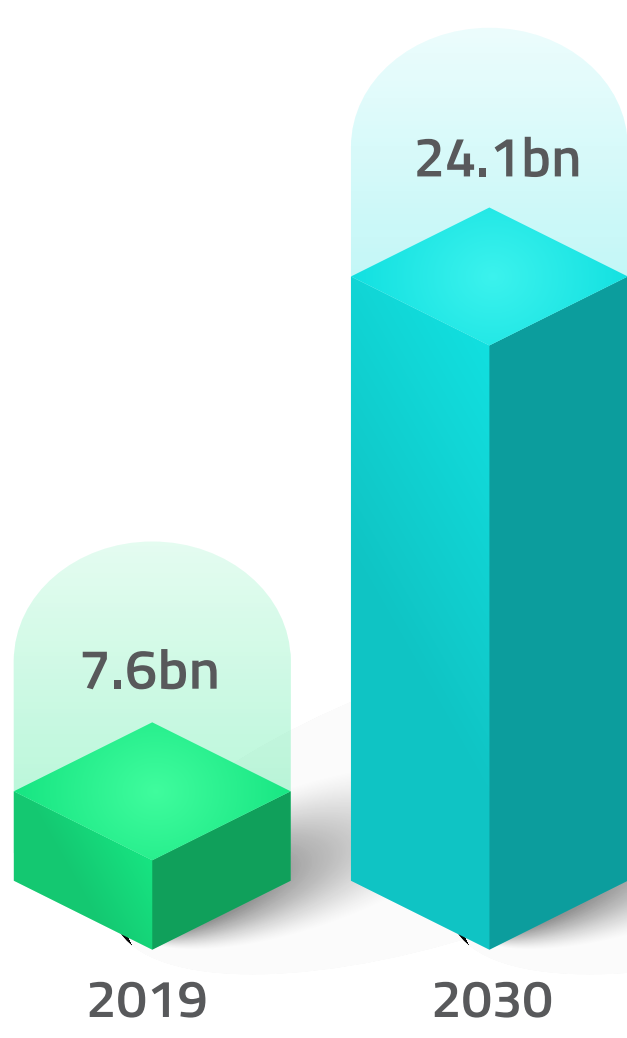


Edge Device Management: Harnessing the Power of Hybrid Cloud



Securing IoT Edge Devices: A Critical Imperative

The IoT landscape is set to expand to **24.1 billion** devices by 2030 –introducing myriad vulnerabilities. **89%** of organizations that operate IoT products have been victims of cyber-attacks within the past 12 months².

1 <https://transformainsights.com/news/iot-market-24-billion-usd-15-trillion-revenue-2030>
2 <https://www.keyfactor.com/blog/key-findings-from-keyfactors-first-global-state-of-iot-security-report/>

GAINING AN EDGE: THE BENEFITS OF EDGE DEVICE MANAGEMENT

Keep your devices current and secure with the latest firmware and security updates

Stay informed and react quickly when devices go offline, underperform or when security breaches occur

Efficiently manage your fleet of devices at scale, significantly reducing deployment, maintenance and troubleshooting costs

Unpacking Traditional Device Management Solutions

Traditional edge device management solutions are either:



CLOUD-BASED

Hosted by the device vendor and accessed online



ON-PREMISE

Running on an organization's own hardware.

This fundamental distinction significantly impacts usability and control.

CLOUD MANAGEMENT

✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓	✓ ✓	✓ ✓ ✓	✓ ✓ ✓
EASE OF DEVICE DEPLOYMENT	COST-EFFECTIVENESS	SCALABILITY	CONTROL	EASE OF MAINTENANCE	MAINTAINABILITY
✓ ✓	✓	✓	✓ ✓ ✓	✓	✓

ON-PREMISE MANAGEMENT

Hybrid Cloud: Seamlessly Merging the Best of Both Worlds

A Hybrid Cloud management solution provides an on-premise component to a public cloud-based management system, for the management of edge devices.



SCALABLE, COST-EFFECTIVE AND EASY-TO-DEPLOY

A scalable cloud platform can evolve with your business needs and dramatically reduces the hardware investments and maintenance costs.



ON-PREMISE CONTROLS

You can extend your on-premise infrastructure controls to your cloud management system adding an extra layer of security to the management of your edge devices.



Semtech Hybrid Cloud for AirLink®

Hybrid Cloud for AirLink, is a new feature that merges the benefits of cloud technology with on-premise security controls for the management of your AirLink routers. Benefit from local control over the router management platform and complete network isolation, while relying on a leading cloud infrastructure that scales with your needs.