

/IOTCONNECT®

Migrate Azure IoT Edge to AWS IoT Greengrass

Challenges

Overcome Edge End-of-Life & Modernization Challenges Without Starting Over

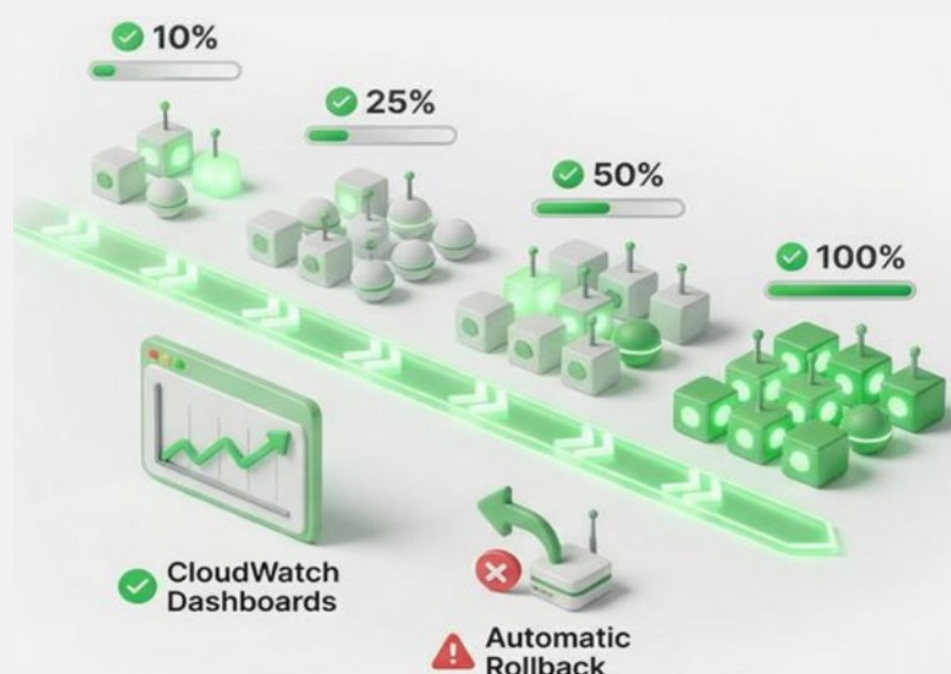
As Azure IoT Edge approaches end-of-life, many organizations are being forced to confront difficult questions about security, scalability, and long-term platform viability. Retired security patches and limited support increase operational risk, while proprietary cloud dependencies make it harder to adapt to evolving business and technology requirements. At the same time, edge applications are often deeply embedded in day-to-day operations, leaving teams concerned about downtime, lost data, or the cost and complexity of re-architecting solutions. Customers need a clear path forward—one that protects existing investments while enabling modernization at a pace that aligns with business priorities.

Avnet /IOTCONNECT Solution

Unlock a Secure, Scalable Edge Future with Avnet & /IOTCONNECT

Avnet's /IOTCONNECT-enabled Azure IoT Edge to AWS IoT Greengrass Migration solution is designed to help customers move beyond these challenges with confidence. Using a proven, phased migration approach, Avnet enables organizations to transition existing edge workloads to AWS IoT Greengrass V2 while maintaining operational continuity and minimizing risk. By combining Avnet's migration expertise, AWS's open and standards-based edge services, and /IOTCONNECT for centralized visibility and coordination, customers gain a modern edge platform that is more secure, flexible, and cost-effective. The result is a future-ready edge environment that supports growth, reduces long-term operational burden, and allows teams to focus on innovation—not infrastructure.

Benefits



»» Faster Time to Value

Accelerates migration efforts using a proven framework and reusable tooling, helping teams move from assessment to pilot and production more quickly.

»» Simplified Device Provisioning

Modernizes device onboarding with automated, scalable provisioning methods that reduce manual effort and improve consistency across fleets.

»» Built-In Operational Visibility

Enhances insight into device health and edge workloads through integrated monitoring and logging, making it easier to manage performance and reliability.

»» Foundation for Advanced Edge Use Cases

Prepares the edge environment to support future innovations such as edge analytics, AI inference, and smarter data processing closer to devices.

Migrate Azure IoT Edge to AWS IoT Greengrass

Avnet's /IOTCONNECT simplifies and de-risks the migration from Azure IoT Edge to AWS IoT Greengrass by providing a centralized way to manage devices, workloads, and cloud connectivity throughout the transition. By maintaining unified visibility across edge devices and cloud services, /IOTCONNECT helps ensure operational continuity while reducing complexity, manual effort, and migration risk.

Beyond migration, /IOTCONNECT helps customers capture the full value of a modernized edge environment by serving as a single pane of glass for device onboarding, lifecycle management, and fleet monitoring. This enables faster time to value, improved operational efficiency, and easier scaling, allowing teams to focus on innovation rather than infrastructure management.



Smart Home Energy Management

The Challenge:

Many smart home energy solutions today can be difficult to run on smaller, cost-effective devices, limiting where you can deploy them. On top of that, the complexity and overhead of existing runtimes can make it harder to scale and manage your solution efficiently.

Results:

- Enable deployment on low-power, resource-constrained smart home devices (previously unsupported).
- Reduce system overhead and simplify edge runtime management with a lighter footprint.
- Improve scalability and flexibility across heterogeneous smart home platforms and energy management applications.

Features

This solution helps customers improve security, avoid cloud lock-in, and lower costs as their device fleets grow. By moving away from Azure IoT Edge end-of-life risk, organizations gain a more flexible, secure, and future-ready edge foundation they can rely on with confidence.

1. Secure/Flexible

By using open, industry-standard X.509 mTLS security, AWS enables greater portability and long-term flexibility, whereas Azure's SAS token model tightly couples devices to the Microsoft cloud.

2. Value

With AWS IoT Core's low-cost, pay-as-you-go messaging model, customers can scale device connectivity more affordably, achieving up to 5x cost savings compared to Azure IoT Hub.

3. EOL Risk

As Azure IoT Edge LTS versions reach end of life, security updates and long-term support are retired, increasing operational risk for existing deployments.

/IOTCONNECT is available for subscription and a free trial on AWS Marketplace [HERE](#)



Get started with Avnet's Azure IoT Edge to AWS IoT Greengrass migration solution

Contact our IoT experts – <mailto:lot@Avnet.com>

