

Avnet IoTConnect and Smart Building Solution

Enhance building performance & owner experience

AVNET



Agenda

1. IoT market opportunity and challenges
2. Avnet IoTConnect
3. Avnet Smart Building Solution
4. Get started today!

IoT deployments face unique challenges

Connecting devices,
data, and systems

Seamlessly connecting and integrating disparate legacy devices, data and systems can be a daunting task, requiring expertise that most businesses don't have.

Identifying the right
resources

IoT complex and requires different hardware and software resources and more integration than most traditional IT projects.

Managing a complex
ecosystem of providers

It can take up to 10 partners to get an IoT system deployed, which can cause disconnects that slow time to market.

Avnet IoTConnect & Smart Solutions

Everything you need to jump-start the development of your IoT initiative



Secure connectivity & control



Optimized operations



Data-driven insights

How it works

An end-to-end solution that takes the complexity out of IoT



Your business infrastructure

Any devices, data, and systems you want to connect, such as:

- *Devices and equipment*
- *Sensors and gateways*
- *Internal data systems (ERP, CRM, etc.)*
- *External data (social media, weather, traffic, APIs, etc.)*



IoTConnect (PaaS)

A secure platform built on Azure cloud services

- *Multi-protocol connectivity*
- *Easy-to-use toolkit*
- *Hardware support*
- *Artificial intelligence*
- *Predictive analytics*
- *Data visualization*



Smart Solutions (SaaS)

Nine pre-built solutions that address common business challenges



Secure connectivity & control

Easily connect and manage all your devices, data, people, and systems using a secure, cloud-based platform.



Seamlessly and securely connect all your devices with support for multiple connectivity protocols and cross-device communication.

Easily register and pair legacy devices to the platform without coding to get up and running fast.

Manage all devices, data, and applications from one central portal.

Rely on the enterprise-grade security of the Azure platform to encrypt sensitive data, protect devices from viruses and malware and secure network traffic.



Optimized operations

Lower your costs and increase productivity by making existing processes and infrastructure more efficient than ever before.



Minimize downtime and increase productivity using real-time analytics and predictive maintenance to proactively monitor devices and improve processes.

Reduce costs by identifying and addressing issues early. For example, by using IoTConnect, an oil and gas company discovered a gas leak issue that was costing them \$150,000 per day.

Quickly scale your computing power up or down as your business needs change.

Jump-start development of your IoT system with smart, market-ready connectivity solutions for 9 different verticals.



Data-driven insights

Use real-time analytics and artificial intelligence to gain deeper insights, make informed decisions, and drive innovation.



Harness the potential of the vast amounts of data collected by your IoT solution with real-time analytics and artificial intelligence capabilities powered by Microsoft Azure.

Integrate and analyze data from new and existing systems to identify trends, optimize operations, better understand customers, and uncover new revenue sources.

Accelerate decision making and speed time to market by giving stakeholders across the business access to real-time insights via customized, interactive dashboards.

Use live, interactive reports to monitor and optimize device performance and improve processes over time.



Smart Building

Using IoT to make buildings more efficient and secure



A leading financial services firm was looking for ways to better manage energy consumption and building security. Employees were also frustrated due to an inefficient parking situation. Avnet's Smart Building solution helped them significantly reduce costs, optimize security, and solve their parking issues.

REDUCED ENERGY CONSUMPTION

A smart building solution enables the right personnel to manage the HVAC system from any device, anywhere.

ENHANCED SECURITY

High definition cameras, biometric scanners and 3-factor authentication ensure only the right people are onsite.

EMPLOYEE TIME SAVED

A smart parking solution allows employees to find parking more quickly, saving at least 40 hours of cumulative employee time per day

LOWER COSTS

Energy and maintenance costs are reduced using features such as HVAC monitoring and predictive maintenance alerts.

Powered by Microsoft Azure

Built on Azure services, IoTConnect includes the enterprise-grade security, connectivity and powerful analytics needed for a best-in-class IoT solution.



Connectivity



Scalability



**Powerful
analytics**



**Artificial
intelligence**



**Security and
management**



Next steps

- We'll connect you with the sales team for IoTConnect: iot@avnet.com
- Learn more about Avnet [IoTConnect](#)
- Learn more about Avnet [Smart Building solution](#)

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