Avnet IoTConnect and Smart Asset Monitoring Solution

Monitor and track assets remotely to gain rich insights

AVNET

Microsoft

Agenda

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

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

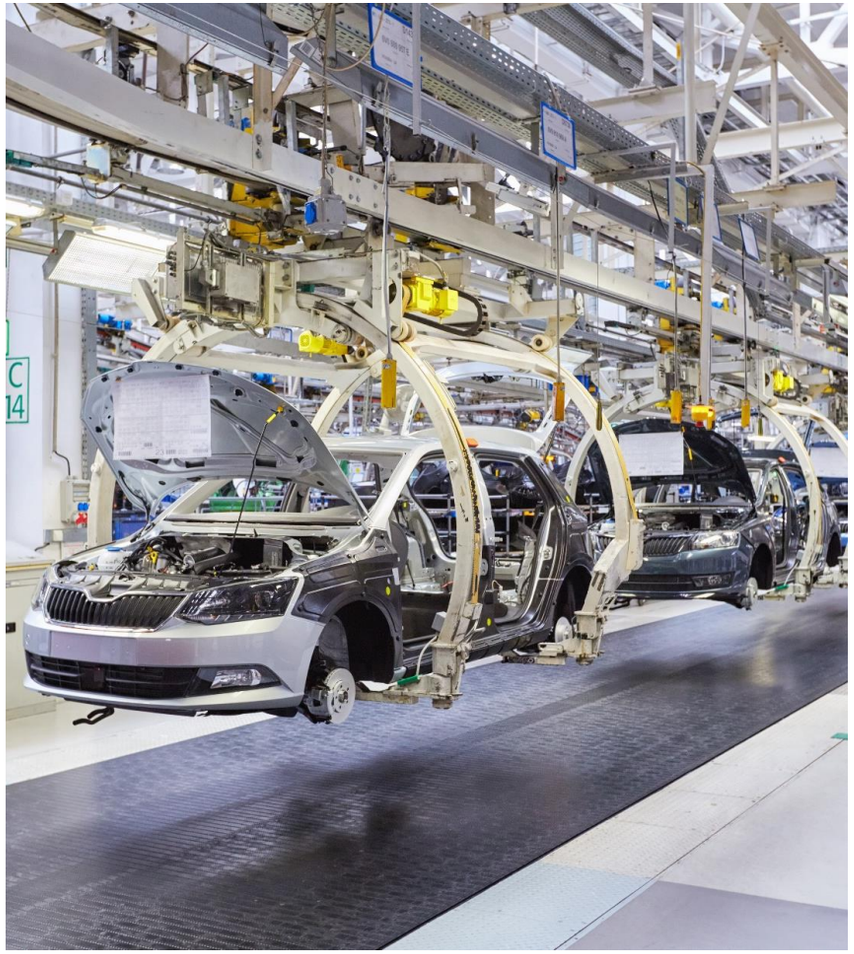
- *Multi-protocol connectivity*
- *Easy-to-use toolkit*
- *Hardware support*
- *Artificial intelligence*
- *Predictive analytics*
- *Data visualization*

Smart Solutions (SaaS)

Nine pre-built solutions that address common business challenges

Smart Asset Monitoring

Optimizing asset use and reducing lifecycle costs



A global manufacturing firm needed to update their paper-based asset tracking system, which was error-prone and inefficient. With Avnet's Smart Asset Monitoring solution they were able to use sensors and web-based apps to better manage inventory, reduce errors, and gain rich insights through predictive analytics.

INSTANT ASSET LOCATION

Supervisors can see which tools are in use by a particular department or employee at any given time.

PREDICTIVE MAINTENANCE

Push notifications alert managers to potential issues so they can take action to prevent breakdowns and production loss.

DEEPER INSIGHTS

An interactive dashboard shows usage history and other metrics with the ability to generate detailed, customizable reports.

EMPLOYEE TIME SAVED

Employees can use a mobile app to quickly obtain and return equipment, freeing up time for more critical tasks.

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 Asset Monitoring Solution

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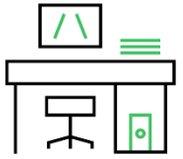
Avnet Smart Solutions

Get a head start on your IoT initiative with ready-made solutions built on IoTConnect.

Smart Building

Smart Healthcare

Smart Fleet Management



Smart Office

Smart Connected Worker

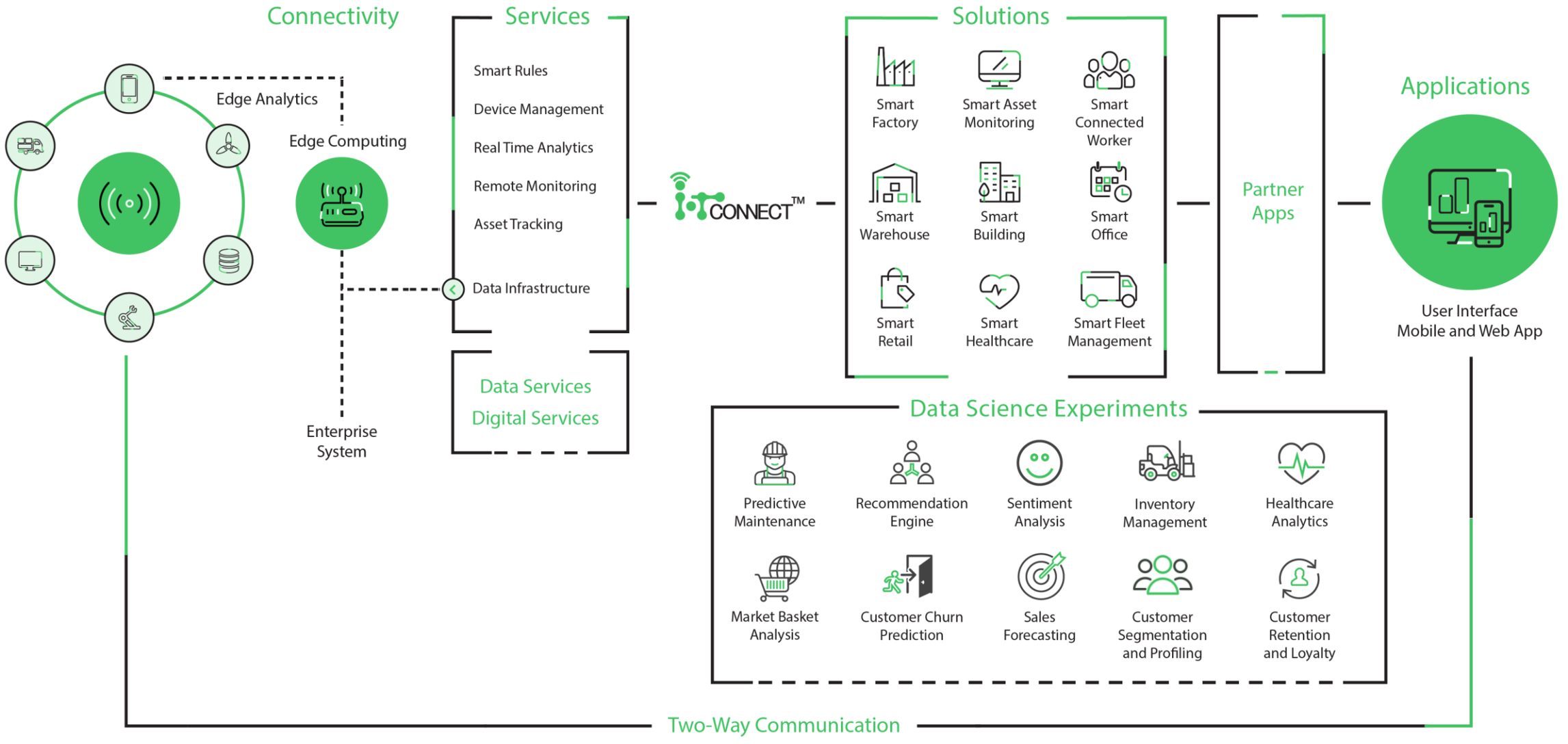
Smart Warehouse

Smart Retail

Smart Asset Monitoring

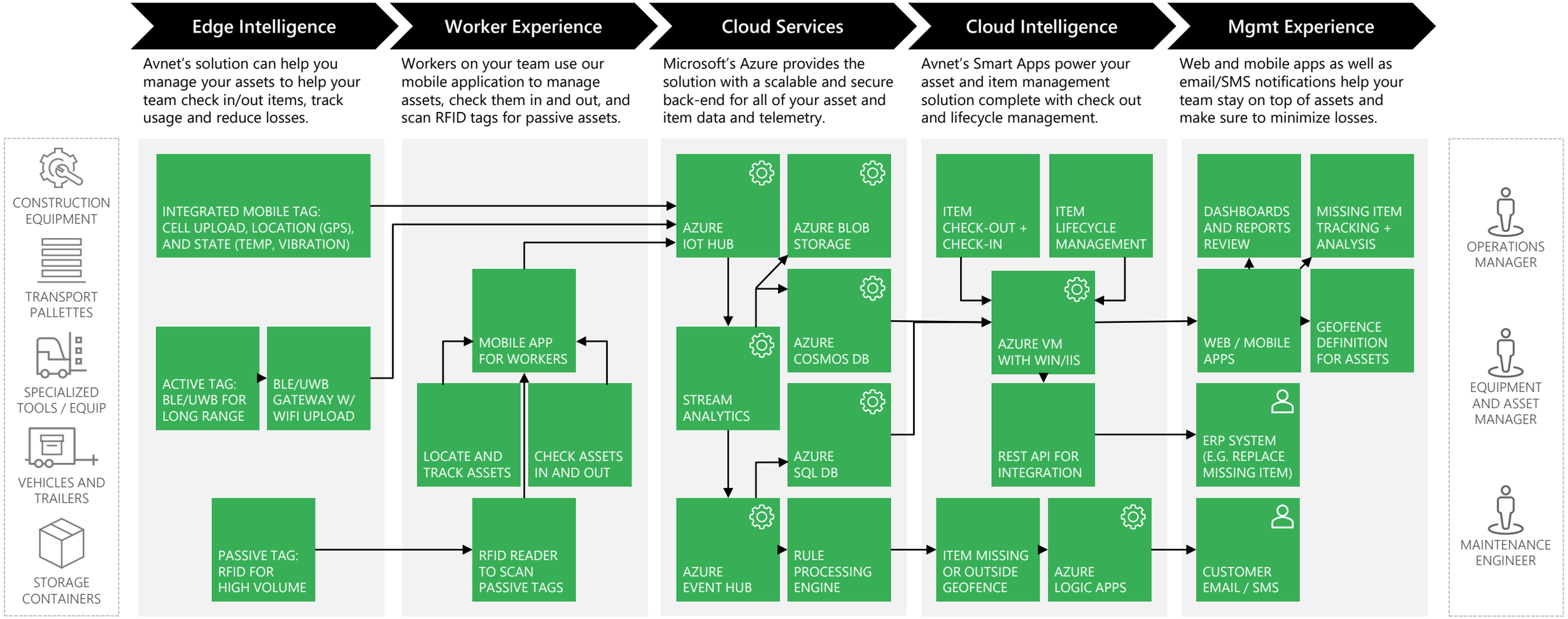
Smart Factory

End-To-End IoT Offerings



Smart Asset Tracking, Use, and Check-Out

Avnet Reference Architecture



Avnet Edge-to-Enterprise IoT Services

Consult | Develop | Deploy

IoT Advisory Services

- IoT Transformation Roadmap Strategy
- IoT Audit and Readiness Assessment
- Proof of Value (POV) Programs

IoT Device Design and Build Services

- Product Development
- Manufacturing
- Integration
- Technology Selection
- Inventory Management

IoT Cloud and Digital Services

- Cloud and Analytics
- AI and Cognitive
- Machine Learning
- UI / UX and Visualization
- Web and Mobile Apps Development
- Device Management
- IoT Connectivity

IoT Lifecycle Services

including:

- Field Implementation and Maintenance
- Sensor, Device and Hardware Installation
- Data Integration with Any Enterprise Apps
- Infrastructure Performance Optimization and Monitoring
- Firmware and Security Patch Management
- Technical Assistance Center

IoTConnect Platform

- Robust and Secure IoT Cloud
- Remote Device Management
- Real Time Analytics and Smart Rules
- Avnet Smart Apps

Avnet Smart Apps

- Smart Factory
- Smart Asset Monitoring
- Smart Connected Worker
- Smart Healthcare
- Smart Building
- Smart Retail
- Smart Office
- Smart Warehouse
- Smart Fleet

Data Science

- Predictive Maintenance
- Recommendation Engines
- Customer Churn Prediction
- Customer Loyalty and Retention
- Inventory Management
- Fraud Analytics
- Healthcare Analytics