



EBV IoTConnect

Solution Accelerator Software on AWS

/IOTCONNECT®

IoTConnect is a Solution Accelerator Software-as-a-Service that leverages AWS infrastructure and AWS native services such as storage and compute to create a unified IoT experience for solution designers to easily enable secure device management and develop solutions 50%+ faster than traditional IoT platforms.

Why choose IoTConnect on AWS?

IoTConnect is designed to help Original Equipment Manufacturers (OEMs) develop connected solutions by simplifying the process and decreasing time to market by more than 50%. OEMs can utilize IoTConnect to overcome market pressures with a reliable, secure and scalable solution that will simplify overall system design and lower the operations and maintenance costs.

IoTConnect comes with an easy-to-use interface, powerful device and entity management systems, as well as built-in analytics allowing OEMs to connect and manage devices with little to no coding.

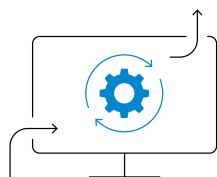
IoTConnect provides businesses with the infrastructure required to connect their assets, collect data and analyze it to improve decision-making. This is achieved by facilitating device communication and management while adhering to industry-grade security protocols.

FEATURES

IoTConnect is created to bring together all the key elements of an IoT platform to allow OEMs to seamlessly connect devices to the cloud and quickly gain insights from the collected data to make better business decisions. IoTConnect deploys applications that are customized for various businesses and provides benefits such as improved ROI, reduced downtime and a better user experience.

Easy configuration and management

- Device registration without any hassle or programming knowledge
- Multi-tenant architecture with user and roles management
- Device management
- Asset management
- Software management
- Remote troubleshooting
- Over-the-air (OTA) firmware updates



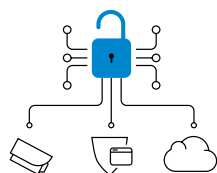
Easy integration and connections

- Cross-device communication support
- Supports different industry-grade protocols
- Web services and APIs to simplify exchange of information
- Microservices-based architecture
- Service SDK



Multi-layer security

- Enterprise-grade, end-to-end security
- Device identity management
- Access Security using Device Identity Management, OAuth 2.0
- Protocol transmission over TLS
- Role-based access control



Edge and predictive analytics

- Edge analytics to make quick decisions
- Near real-time monitoring with live graphical charts
- Extensive real-time streaming analytics
- Machine learning and statistical algorithms
- Connectors for data visualization applications



Real-time alerts and notifications

- Create smart rules for autonomous actions
- Fully customizable workflows and notifications
- Detect anomalies and get alerts about potential problems



IOTCONNECT BENEFITS

An IoT solution accelerator software (SaaS) that simplifies the complex - One SaaS platform for collaborative development and management of end-to-end IoT solutions, securely connecting devices to software applications, analytics and AI services to generate maximum business value.

Reduce Time to Market

Pre-built solution accelerators enable faster deployment of IoT solutions



Be in Control of Device Management

Ability to on-board, manage, monitor and roll-out over-the-air updates to devices



Integration Support & Security

Support with security, implementation & integration with a wide range of legacy and new systems



Flexible Deployment and Scalability

Flexibility across multi-tenant, single tenant and customer's EA/CSP architectures

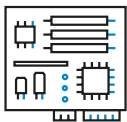


The EBV Difference

Providing IoT expert services, technology and resources where and when customers need them

For customers needing IoT solutions, we'll guide, hands-on assist, and take on part, or the whole project depending on your needs. We help OEM customers create complete robust and accelerated IoT solutions. We're here to help you select, design, and securely connect hardware edge devices to the cloud with leading technologies and highly skilled, experienced and cloud certified staff. We also take on the more arduous challenges such as enabling OTA updates for remote firmware for up-to-date security and feature roll-out. Where appropriate we leverage the EBV IoTConnect Solution Accelerator Software on AWS, which provides a platform on which to simplify device onboarding and management and cloud side application design, all with enhanced security features.

EBV CAPABILITIES



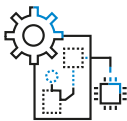
Edge device component and hardware design expertise

For more than 50 years EBV has been a leader in providing hardware solutions for our customers. We'll help you design, source, and customize edge and gateway devices. We're a trusted experienced partner you can rely on.



Peace of mind

With EBV you can be assured that your IoT solution will be simple to develop, scalable, secure, and fast to market. In addition, EBV IoTConnect Solution Accelerator Software is a managed SaaS platform, freeing you up to focus on your customer's application.



Cutting edge embedded software, device connectivity, and secure connectivity services

Avnet, EBV's parent company, acquired Witekio in 2019 to cement our leadership in the embedded software design space. We now have over 100 Embedded Software-focused engineers on staff worldwide.



Help at any stage of your project

At the beginning, or further down the road in your project? We will meet you exactly where you are on the IoT journey. We offer products and services for every phase of development. From initial business case mapping to completed solution and everything in between.

Accelerate your IoT project completion and have peace of mind that your solution is scalable, robust, secure, and flexible for all your cloud-connected projects. Edge-to-cloud disciplines are all available from one partner, EBV Elektronik

About EBV Elektronik

EBV Elektronik was founded in 1969 and is one of the leading specialists in European semiconductor distribution. This success is based on the underlying company philosophy, which was developed a long time ago and which still applies today: operational excellence, flexibility, reliability and execution - with the goal of achieving the highest degree of customer satisfaction.

For the next step on your IoT journey

visit iotconnect.io/ebv

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