Device-cloud Synergy That Accelerates Intelligent Digital Transformation in Industries

Moxa Edge-intelligence Solutions

AIG-300 Series
Advanced IIoT Gateways

- Compact Arm-based IIoT gateways specifically designed for space-constrained automation applications
- Seamless Azure IoT Edge integration for reliable and fast cloud connectivity
- Integrated data-acquisition and device-management solutions to simplify IIoT deployment
- Web GUI for remotely monitoring device configurations and system maintenance

Device Life-cycle Management (DLM) Service

- Easy and secure connections to remote devices
- Device-status dashboard to monitor the health of hundreds of IIoT gateways and immediately detect anomalies
- Device upgrades with scheduled and real-time remote batch software updates to ensure devices have the most up-to-date configuration

Moxa IIoT Gateways Pave the Way for Edge-to-cloud Data Aggregation

When embracing the new era of the Industrial Internet of Things (IIoT), many system integrators and engineers face the critical challenge of finding a secure and reliable IIoT-gateway solution that offers regular security patches to remedy system vulnerabilities in a timely manner. Moxa's cloudy-ready intelligent IIoT gateways are designed to offer device intelligence and ensure that OT device data can be safely and reliably transmitted to cloud services, such as the Azure cloud platform, to meet different market requirements, including:

- Integration with Azure IoT Edge: Moxa IIoT gateways can leverage edge data computing to upload only essential data to the cloud, significantly reducing data transmission costs
- Processing and filtering of field data in real time: The software that runs on our IIoT gateways can process and filter field data in real time to send to the local HMI or to the cloud
- Data analysis workload offloads from the cloud to the edge
- Integrated solutions that do not use the Process Control Network (PCN) and firewalls to ensure maximum network availability
- No requirement of Management of Change (MOC) procedures to eliminate the risk of lower system reliability

Moxa—Your Trusted Partner for Industrial Digital Transformation

Moxa is committed to technology innovations to provide a wide portfolio of solutions for our customers and partners. With our reliable Industrial IoT solutions, customers can achieve success in the IIoT era. AIG Series IIoT gateways can be completely integrated with Azure IoT Edge to streamline OT data transfer from PCNs and various sensors to IoT edge modules. Meanwhile, the gateways greatly simplify the configuration and provide real-time visibility thanks to an intuitive user interface. The overall development efficiency is enhanced by more than three times when you use our IIoT gateways compared to conventional ways of manual configuration and editing configuration files.

Check out more on our Industrial IoT site

MOXA®