Moxa Press Release – Wireless IIoT Gateways – www.moxa.com
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Next Generation Wireless IIoT Gateway Solution

Unterschleissheim, February 1st, 2019

It can be a challenge to find an Industrial IoT (IIoT) gateway that easily connects geographically dispersed devices to the cloud, especially in outdoor or rugged environments that are common in smart city, civil infrastructure, and industrial automation applications. Not only does the IIoT gateway need to be easy to deploy, it must be easy to maintain over an expected operational life of at least 5 years.

The UC-8200 industrial computing platform is designed for embedded data acquisition applications. The computer comes with dual RS-232/422/485 serial ports, dual 10/100/1000 Mbps Ethernet ports, and one CAN port as well as dual Mini PCIe socket to support Wi-Fi/cellular modules. These versatile capabilities let users efficiently adapt the UC-8200 to a variety of complex communications solutions.

Power-Efficient Performance and Robust 4G LTE Connectivity
The UC-8200 is built around an Arm Cortex-A7 dual core processor that has been optimized for use in energy monitoring systems, but is widely applicable to a variety of industrial solutions. With flexible interfacing options, this tiny embedded computer is a reliable and secure gateway for data acquisition and processing at field sites as well as a useful communications platform for many other large-scale deployments.

Wide temperature LTE-enabled models are available for extended temperature applications. All units are thoroughly tested in a testing chamber, guaranteeing that the LTE-enabled computing platforms are suitable for wide-temperature applications.

Moxa Industrial Linux with Superior 10-Year Long-Term Support
Moxa Industrial Linux (MIL) is a high-performance, industrial-grade Linux distribution developed by Moxa designed to help accelerate industrial projects. MIL provides a container-based virtual-machine-like middleware abstraction layer between the OS and applications. Flexible software

middleware allows multiple isolated systems to run on a single control host so that system integrators and engineers can easily change the behavior of an application without worrying about software compatibility. Equipped with MIL, Moxa's UC Series next-generation IIoT gateways offer an efficient, flexible, and robust platform for an array of IIoT edge computing scenarios. Furthermore, to address the needs of long-term software used for the power, water, oil & gas, transportation, and building automation industries, MIL provides 10-year long-term Linux support with an extensive range of security fixes, making your IIoT projects secure and sustainable.

For more information regarding Moxa's Arm-based IIoT gateway solution, visit: https://www.moxa.com/en/spotlight/industrial-computing/arm-linux-iiot-edge-gateway-portal/index.htm

Experience Moxa´s versatile IIoT and computing solutions at Embedded World 2019 at booth 2-351!

About Moxa: Your Trusted Partner in Automation

Moxa is a leading manufacturer of solutions for industrial networking as well as computing and automation applications. Since its foundation in 1987, Moxa has networked more than 30 million devices worldwide und established a sales and service network that reaches customers in over 70 countries worldwide. Moxa´s decade-long cooperation with customers and partners has led to a wealth of interdisciplinary know-how. Combined with a distinct service culture this leads to tailor-made, custom-fit solutions that work reliably even under the most extreme conditions - based on Moxa´s slogan: Reliable Networks, Sincere Service. This is how Moxa ensures that its customers benefit from sustainable enterprise values on the basis of reliable networking structures and automation systems. In Europe, the industry expert is primarily active in the transportation, factory automation, power, marine, and oil & gas industries.

Detailed information about Moxa and the product portfolio is available at: www.moxa.com

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