






## EdgeScout's Complete IIoT Solutions for PLC and PAC Communications

Combining Moxa's UC-8100 computer platform and wireless technology with RRAMAC's EdgeScout remote monitoring system provides complete solutions for Predictive Maintenance, Environmental Monitoring, and Productivity Solutions.

Moxa's UC-8100 has an embedded computing platform that provides a reliable and secure gateway for data acquisition and processing. The UC-8100 product line provides multiple options for connectivity, processor speed, memory size, and temperature ranges. When paired with RRAMAC's EdgeScout solution, the Moxa UC-8100 will be preprogrammed.

-  Hosted data storage, reports and notifications
-  Secure Connectivity via internet or cellular
-  Moxa UC-8100 Series with EdgeScout Connectivity

  
**EdgeScout**  
REMOTE MONITORING

**MOXA**<sup>®</sup>

- Local PLC communication drivers
- Report by exception to cloud with store and forward
- SSL/TLS security with AES encryption
- LAN connectivity with failover to cellular
- **secu**meda option for use as a PLC programming gateway



## EdgeScout Remote Monitoring

RRAMAC's hosted solutions include:

- Email and Text alerts
- Live Dashboards
- Historical Trending
- Alarm History
- Downtime Reports
- Predictive Maintenance
- Consumable Goods Tracking
- Custom Reports

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## Moxa UC-8100 Series

The Moxa UC-8100 computing platform is designed for embedded data acquisition applications. Its versatile communication capabilities let users effectively adapt the UC-8100 to a variety of complex communications 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 communication platform for many other large-scale deployments.

Features and Benefits:

- ARMv7 Cortex-A8 300/600/1000 MHZ processor
- Dual auto-sensing 10/100 Mbps Ethernet ports
- SD socket for storage expansion and OS installation
- Rich programmable LED's and a programmable button for easy installation and maintenance
- Mini PCIe socket for cellular module
- Debian ARM 7 open platform



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## Moxa ioLogik E1200 Series

Features and Benefits:

- User-definable Modbus/TCP Slave addressing
- Supports EtherNet/IP adapter mode
- Supports RESTful API for IIoT applications
- 2-port Ethernet switch for daisy-chain topologies
- Active communications with MX-AOPC UA Server
- Supports SNMPv1/v2c
- Class 1 Division 2, ATEX Zone 2 certification
- Wide operating temperature range



### About RRAMAC

RRAMAC Connected Systems provides turnkey solutions for secure remote connectivity, cloud-based analytics, predictive maintenance, and smart phone apps for industrial equipment. We deliver complete customized solutions, including web based dashboards, historical trends, and email and text notifications. We also offer advanced analytics for downtime reporting, predictive maintenance, remote inventory tracking, and other custom mobile apps to fit your specific needs.