Remote Monitoring & Analytics
Secure remote access and monitoring for your critical assets

Benefits

Get Connected
Minimize risk and maximize productivity
• Connect to cloud via Ethernet or cellular connections
• Secure connectivity with data encryption
• Limit access by user/site/device
• Complete end-user control
• Remote access audit, notification and surveillance

Get Informed
Make smarter, more informed decisions
• Collect and store important data
• View status, uptime, alarms and run reports from a single portal
• Receive notifications when specific parameters exceed predefined thresholds
• View multiple systems or locations in one portal
• Share the right information with the right people at the right time

Get Ahead
Optimize your operations and transform how you do business
• Access tools that will help you optimize your operations
• Centralize your operational information and provide context
• Access and share rich data from your business ecosystem
• Easily layer your data with multiple outside data sources that can help transform how you do business
• Analytic and predictive outcomes to identify or prevent downtime issues

Information is power. The Industrial Internet of Things and advancing technologies bring opportunities to increase productivity and optimize production through greater connectivity and information sharing.

Increasingly interconnected equipment means you have access to more data than ever before. You need to find efficient ways to extract the right information and make the best business decisions to keep your plants running at peak efficiency. The Remote Monitoring & Analytics service from Rockwell Automation is a flexible, scalable solution that collects, organizes and normalizes real-time data across your production assets, providing deep insights through powerful visualization, analytic and dashboarding tools across a broad range of devices.

Remote Monitoring & Analytics gathers and analyzes data, transforming it into actionable, real-time insightful information, allowing for better collaboration, faster problem-solving and improved innovation. Having this knowledge enables faster and better business decisions that can help increase productivity, improve quality and help to meet demand more precisely and cost-effectively data analytics, remote monitoring through greater connectivity and information sharing.

The Rockwell Automation Remote Monitoring & Analytics design is scalable and configurable to meet your unique needs. This asset performance platform allows you to connect, collect and aid in your ability to make data-driven decisions to optimize production performance.
**Get Connected**
Rest easy knowing you have secure remote access for all sanctioned stakeholders. Different stakeholders require different access to assets. Our secure remote access platform uses role-based access control that establishes remote access to individual sites and devices based on user account. Centralize remote asset data. Connect to remote sites and/or across all plants in your enterprise. Feel a sense of security, knowing that you are protecting your production processes and proprietary information from unauthorized remote workers. Minimize risk by multiple levels of security certificates, user-based access control, access logs, remote surveillance and end-user control over who has access when they have access and what they have access to.

**Get Informed**
Gather information to make smarter, more informed decisions. Remote Monitoring & Analytics offers a window into the performance of your automation equipment. Build customized dashboards to view production data, asset and system health, and archive critical files and configurations to serve as a disaster recovery plan.

**Get Ahead**
Implement tools to help integrate your supply chain. Set up material orders to automatically replenish when a certain numbers are met. Build customized dashboards to view production data and asset and system health most important to your specific needs.

**For More Information**
Contact your local sales representative or distributor.

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**Remote Monitoring Services Model**

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**Security**

**Secure Authentication**
- Centralized access control
- Access control lists
- Dual authentication between server and site
- Limit access by user, site and/or device
- Complete end-user control
- Remote access audit, notification and surveillance

**Secure Connection**
- Converged Plant-wide Ethernet (CPwE) compliant
- Outbound only data flow
- Data encryption using SSL
- Multiple security certificates
- Secure tunnel to individual devices

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Supersedes Publication GMSP-PP004C-EN-P – February 2016 and GMSP-PP002B-EN-P – June 2013

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