Work with People who Understand Your Challenges

Global Experience, Innovative Solutions
To help you achieve your goals, our global team of more than 2500 people in over 80 countries has extensive knowledge of the operational challenges in heavy industries. We combine that knowledge with an in-depth understanding of your operations and specific requirements, then apply the right technology to deliver innovative solutions.

Our staff of heavy industry professionals includes:

- Project Managers
- Process Control Engineers
- Drive Systems Control Engineers
- Information Solutions Engineers
- Field Engineers

Our domain expertise results from our industry and application professionals’ track record in the major heavy industries worldwide. Local Solution Centers enable us to focus this expertise, to deliver targeted solutions.

Working as your partner, we can provide you with proven, repeatable industry solutions customized for your unique requirements.
Optimize Your Operation

Globalization, intense competition, higher production requirements and increasingly stringent environmental standards place enormous pressure on you to optimize your operation.

Through our domain expertise, Rockwell Automation Global Solutions can help you meet these challenges, turn your automation technology into a competitive advantage and help:

- Reduce your energy costs through advanced regulatory control
- Improve uptime through power and automation components that feature built-in device-level diagnostics and communications
- Increase production rates through integrating information, automation, power and motion systems

Expand your capacity and increase overall productivity with rugged, reliable solutions designed for long-lasting service in the most severe environments.

Complete Systems, Solutions and Service

The Global Solutions team has expertise, experience and understanding across a broad range of heavy industries. Our comprehensive solutions combine total project management with:

- Initial technical consultation
- Application engineering of hardware and software
- Panel manufacturing
- Installation
- Commissioning
- Services and support for your entire lifecycle

Managing Your Entire Project

Reducing Risk and Creating Value Throughout Your Production Lifecycle
Delivering the Solution You Need

Installing new, or upgrading current, production equipment can be a challenge. You have a window of opportunity to get your project done, and you need a flexible solutions partner with the knowledge and capabilities to deliver on functional specifications – on time. Rockwell Automation Global Solutions can provide you a complete solution to help you meet the challenges you face.

Power & Motion Control
For almost any application you have, our power and motion solutions help reduce engineering time, shorten your development and optimize production.

- Drive systems for coordinated motor control
- Motion control systems for high speed positioning applications
- Application matched drives packaging with the flexibility and responsiveness to help keep you competitive

Process Solutions
Our domain and industry expertise results in reduced engineering and integration costs for you because our process solutions deliver the single, plant-wide control system you need to help improve your productivity, quality and time to market.

- PlantPAx™ system for plant-wide optimization
- Batch, continuous, discrete and advanced process control to regulate flow & pressure and meet availability and safety requirements
- Compliance, asset management, optimization and migration solutions to support you throughout the entire production lifecycle
Information Solutions

To help you deploy plant-based information solutions using a phased approach, we combine pre-integrated software components with tailored consulting and engineering services. This architecture allows for both application scalability and extensibility, and creates seamless and consistent enterprise information flow.

- Data gathering, information reporting, metrics and dashboards to help provide real-time access to, and analysis of, production information
- Infrastructure for plant-wide data collection and performance optimization
- Scalable solutions for tracking, quality, records retention and management
The Experience to Meet Your Demands

Our experience and field-proven technology means we understand your industry, and can provide a complete solution to meet the challenges you face.

Our repeatable industry solutions provide the perfect foundation for customizing systems to meet your unique requirements and to help increase productivity throughout your operation.

METALS
- Mills (rod, bar, wire and tube)
- Finishing lines
- Casters
- Rolling
- Processing lines (annealing, pickling and plating)
- Oven and furnace controls
- Slitters and cut to length

PULP & PAPER
- Pulp, tissue and paper machines
- Process control (on and off machine)
- Recovery and power house boilers
- Wood yard cranes, debarkers, chippers and digesters
- Sheeters, winders, rewinders and metered winding
- Calenders
- Refiners
- Lime kilns

WATER / WASTEWATER
- Supervisory Control and Data Acquisition systems (SCADA)
- Remote Terminal Units (RTU), SCADA hosts, data collectors, radios and networks
- Low and medium voltage frequency drives for pumps
- Process control for water and wastewater treatment
- Drives and DCS migrations
- Power quality solutions
- Low harmonic solutions to meet IEEE 519

MINING & CEMENT
- Crushers
- Kilns
- Elevators and conveyor systems
- Clinker production
- Leaching
- Separation
- Water processing – fresh and reclaim
- Stacker/Reclaimers
- Pump stations
- Concentrator, washing and smelting plants
- Tailings processing
- Winders controls
- Loading systems

CHEMICALS
- DCS migrations
- Pumps
- Tank farm control
- Process and advanced process control
- Continuous Emissions Monitoring (CEM) systems
- Batch systems
- Energy optimization
- Reaction control

POWER GENERATION
- Turbo machinery control and protection systems
- Combustion controls
- SIL Rated safety systems (BMS, ESD)
- Balance of plant systems
- Hydro, biomass, combined cycle, fossil fuel, co-generation systems
- DCS migrations
- Continuous Emissions Monitoring
- Plant and substation power system engineering (P&I)
- Power & Energy Management systems
- Supervisory Information System

PlantPAx is a trademark of Rockwell Automation, Inc.

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