



# CONTROL SYSTEMS INTEGRATION SERVICES

Automation and control systems are the central nervous system of every modern manufacturing, production and process facility. Automation systems deliver advanced functionality that can dramatically enhance operations. But without proper consideration and careful execution, control systems can create ongoing maintenance headaches, production losses and costs for your business.

Matrix PDM Engineering experts design, program, and commission industrial control projects utilizing industry standard solutions developed through more than 30 years of experience.



**A HIGHER STANDARD IN ENGINEERING.**

# THE CENTRAL NERVOUS SYSTEM OF PRODUCTION

By working collaboratively with our clients and listening to their unique needs, we provide solutions that improve project efficiency, quality and reliability. Our proven solutions have provided services for new stations, units, retrofits, and replacement of substandard systems.

Our approach results in faster start-ups, greater system functionality, easier support and maintenance, and improved uptime and facility productivity.

Regardless of your control system platform. Matrix PDM's multidiscipline industry experts can successfully address your most challenging automation needs.

Whether your project involves only programming, complete control system supply, or is part of a larger project, our complete services allow Matrix PDM to deliver a total solution. For over thirty years, clients have relied on these services for the successful deployment of hundreds of applications and control systems in facilities across the globe and in various industries.

Matrix PDM utilizes best practices, in-house simulation and rigorous FAT, and software simulation before installation and commissioning to deliver a field ready solution for smooth start-ups. Our proven methodology has led to start-ups in less than a day. Additionally, our experts can provide on-site services ranging from control system commissioning to comprehensive multidiscipline checkout, training and start-up. We offer complete commissioning and start-up services tailored to your specific project needs.

## Automation services

- Control system design
- Equipment procurement / panel supply
- Multiple PLC/HMI hardware/software platforms
- Interface with SCADA
- Shutdown and override logic
- Complete in-house simulation and factory acceptance testing (FAT)
- Complete documentation
- Field installation services
- Site acceptance testing, commissioning, and training
- Construction site management

## Industries and facts

- Dry bulk and liquid handling
- Food and coffee
- Natural gas processing
- Natural gas compressor stations and units
- Flour milling
- Coal-fired power plants
- Scrubbing and pollution control systems
- Warehouse distribution
- Automated thousands of control systems and programmed over a million I/O points



For more information  
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