

SYSTEMS READY.

Major Facility Control System Expansion



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project highlights

- Design, fabrication, integration, installation and commissioning of new plant control system equipment
- Upgraded Rockwell PLC5 Processor and PLC5 remote IO to a new Rockwell Control Logix system
- Installed CISCO Ethernet equipment and migrated plant PLC communications from data highway to Ethernet
- Upgrade PLC logic and HMI systems to the latest software versions

DANOS.COM

project highlights



Major Facility Control System Expansion

Location: Baton Rouge, Louisiana

Year: 2017

Duration: 2 weeks

Services provided:

Project Management
Automation - System Integration

Project highlights:

- Reprogramming and enhancements to the Logic file and HMI screens were developed and deployed to be consistent with custom company-wide plant standardization we recently designed
- New automatic modes of operation added to the plant conveyors that minimize product loss and help operations and maintenance troubleshoot conveyor equipment problems
- Replaced old motor control center - This upgraded the architecture from simple hardwire control to motor control with diagnostics over the plant's industrial Ethernet network.
- Upgrades to plant historian and other supporting systems that were previously interfacing with the old PLC5 controller.
- Installed new Yaskawa VFD drive with custom control over industrial Ethernet network
- Provided engineered CAD drawings and wiring diagrams
- Troubleshooting and repair of plant sampler
- Remote access to plant network was expanded

Project achievements:

Zero recordable safety incidents

Zero accidents

Upgrades made in less than two weeks with only brief small windows of plant downtime



*For more information
call 337.896.9090*