



# AUTOMATION & CONTROL SERVICES






## AUTOMATION & CONTROL SERVICES

From design and upgrades to complete turnkey project implementation and SCADA system migration and expansion, Audubon Companies provides best-in-class industrial automation and SCADA solutions – safely and efficiently. With our deep automation and SCADA expertise, we help clients develop the right automation solution tailored to their unique project requirements.

## AUTOMATION & ENGINEERING CAPABILITIES

- › FEED to Detailed Design
- › Project Management
- › Owner's Engineering Services
- › Instrumentation & Electrical Engineering
- › P&ID Reviews & HAZOPs
- › PLC,HMI,DCS Programming
- › SIS Validation & Configuration
  - Onsite TUV Certified Functionally Safety Experts
  - SIL Design & Validation
  - SIS & DCS Interface Configuration
- › Startup & Commissioning
- › Third Party System Integration
  - Flow Computers
  - Chromatographs
  - Third Party Skids
- › SCADA Design & Implementation



**ZeroEveryDay**  
our commitment to safety

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18 Million+ Safe Man-Hours Worked  
Zero OSHA Recordable Incidents  
Lost Workday Case Rate of Zero  
Lost Time Rate of Zero

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## AUTOMATION & CONTROL EXPERTISE

- › Control & System Architecture
- › Controls Network Architecture
- › PLC/PAC/RTU Programming
- › DCS/SIS Programming
- › HMI Programming
- › Safety Instrumented Systems
  - PHA/HAZOP/Functional Safety Analysis
  - LOP/TMR Programming
  - High Integrity Pressure Protection System (HIPPS)
- › Measurement
- › Alarm Management & Rationalization
- › Control Systems GAP Analysis & FEED Study
- › Automation Front End Loading (FEL)
- › Cause & Effect and Control Narrative Development and Analysis

- › Technology Assessments & Roadmaps
- › Automation Strategy & Standards Development
- › Complete System Programming & Platform Competence in:
 

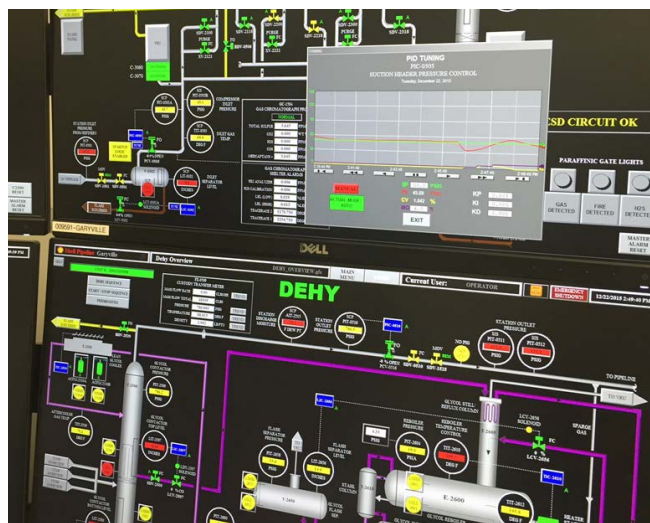
■ Rockwell / Allen Bradley	■ HIMA
■ Emerson	■ ICS Triplex
■ Modicon	■ Honeywell
■ GE	■ Foxboro
■ Triconex	■ Modbus,
■ Red Lion	■ TCP/IP
■ Siemens	■ RTU Serial
■ Yokogawa	■ BacNet
■ Schneider	■ Lonworks
■ Wonderware	■ Others

## SCADA EXPERTISE

- › Alarm Management & Rationalization
- › Assessment, Design, Implementation & Remediation
- › Terminal Automation Systems (TAS)
- › Fire & Gas Systems (F&G)
- › ESD Systems

Complete Suite Competence in:

- |              |                   |
|--------------|-------------------|
| ■ ClearSCADA | ■ Intellution     |
| ■ Ignition   | ■ ICONICS Genesis |
| ■ Cygnet     | ■ Wonderware      |





[auduboncompanies.com](http://auduboncompanies.com)

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