

Automation Services

Ardent offers leading-edge automation technology for critical power, control, and process systems. We work in a variety of markets throughout the country, including food and beverage, pharmaceutical, industrial, and manufacturing.

Combining engineering services, instrument services, shop-fabricated control panels, and complete design-build system installation services, Ardent offers some of the most comprehensive automation capabilities in the marketplace today.

Additionally, our talented engineering team strives to provide expeditious project scoping, accurate cost estimates, complete equipment specifications, detailed scheduling, and skilled project management. We are dedicated to completing client work safely, on time, and on budget.



Full-Service Panel Fabrication Shop

Within our 10,000-square-foot, air-conditioned, state-of-the-art fabrication facility, we offer complete panel-fabrication services. From design to fabrication, we can take even your most complex projects from concept to completion.

Our panel fabrication experts use the latest drafting technology to

design your solutions and specify components and materials. During fabrication, our stringent quality control helps ensure each panel is built to your precise requirements.

To help confirm the quality of your panels, we also perform comprehensive panel testing at the completion of every project.

Comprehensive Capabilities

- › Pneumatic Control Panels
- › Packages
 - Heater control
 - Water treatment
 - Well control
- › Systems
 - Remote terminal unit (RTU)
 - Pipeline metering
 - AC or DC power distribution
 - Pump control
 - Alarm
 - Telephone call-out
- › Units
 - Chemical injection
 - Hydraulic power (HPU)
 - Programmable logic controllers (PLC)
 - Supervisory control and data acquisition (SCADA)
 - Portable test
- › Industrial Controls
- › HMI Enclosures
- › Oil & Gas Measurement
- › Junction Box Fabrication
- › Systems Design Assistance
- › Solar and Wind Generator Power

www.ardent.us

Mission First. People Always.

Automation Services

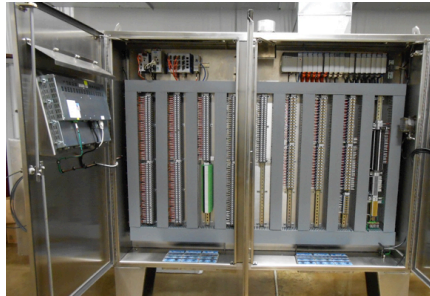
Completed Projects



PLC PANEL ON SWITCH RACK – PIPELINE LOCATION



PLC CONTROL PANEL – OFFSHORE GULF OF MEXICO



HIGH PRESSURE CHEMICAL INJECTION SKID – DEEP WATER OFFSHORE PROJECT



**One Innovative Panel Shop.
Two Underwriter Laboratory-
approved (UL) Listings.**

- › File E336495 “Control Panels and Assemblies for use in Hazardous Locations” (NNNY, NNNY7)
- › File E331626 “Industrial Control Panels” UL 508A (NITW, NITW7)

Ardent brings a superior level of workmanship to all projects, including:

- › Chemical processing
- › Drilling/marine
- › Electrical utilities
- › Food processing
- › Gas separation
- › Manufacturing
- › Metals and minerals
- › Oil and gas production
- › Production – offshore and onshore
- › Petroleum refining
- › Pharmaceutical
- › Pulp and paper
- › Shipbuilding
- › Tank farm
- › Transmission - Pipeline
- › Overseas/International

At Ardent, protecting Health, Safety & the Environment (HS&E) is an integral part of our culture.

The welfare of our employees and our environment is our leading core value.

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