



Since 1932, the George T. Hall Company has built a reputation in Southern California and Nevada as a unique and skilled provider of turn-key automation and control system projects, equipment and services. Our capabilities include system engineering, programming, project management, start-up and field services for diverse applications including Combustion Control, SCADA, Instrumentation, Motor Control, Networking and wireless RTU applications. With two UL508A panel shops, we can execute complete turn-key automation projects from design to commissioning.

## UL CONTROL PANELS

The George T. Hall Company manufactures custom control panels out of our two UL-listed panel shops located in California and Nevada. Our panels are designed to meet UL508A or UL698A standards and are built using components and instrumentation from the industry's leading manufacturers. Prior to shipping, each panel is run through our QA process to ensure it functions to your specifications.

In our 80+ years in business, we have designed panels for a wide range of industries & applications including:

- PLC & HMI
- VFD & Motor Control
- Burner Management
- Temperature Uniformity Surveys
- Electric Heating
- Redundant Cooler Control
- Wireless Integration
- Remote I/O
- Operator Stations



## SYSTEM INTEGRATION

We specialize in automation and the development of SCADA and HMI systems. With the proliferation of Ethernet networking and the Virtual Machine environment, we have become adept at integrating these technologies into industrial control system environments. Our Field Technicians are proficient with wireless technologies and utilizing Ethernet radio systems to develop in-plant networking as well as remote telemetry installations for SCADA applications. We have also completed numerous installations of data storage and retrieval software including Honeywell TrendServer, Wonderware ArchestrA and Historian, and ClearSCADA.

- Remote monitoring & control
- Wireless control
- AQMD Retrofits
- Combustion efficiency solutions
- PLC / HMI automation upgrades
- SCADA programming
- Smart Manufacturing implementation
- Combustion system retrofits

## CALIBRATION SERVICES

We offer reliable calibration services designed to meet your process and quality requirements. Our Field Engineers use NIST-traceable instruments to perform gas, temperature, pressure, and level calibrations on a variety of instruments including Chart / Video Recorders, Controllers, Gas Analyzers, and Temperature Sensors. We comply with industry best practices and utilize ISA data sheets when required. For facilities with multiple instruments or regulatory requirements, our Service Department offers discounted rates for bi-annual and annual service contracts.

## REPAIR SERVICES

GTH also provides instrument troubleshooting and repair services out of our Southern California and Northern Nevada locations. Our Service Department offers quick turnaround times, friendly service, and competitive rates, as well as a one year warranty on most instruments.

- Variable Frequency Drives (VFD's)
- Programmable Logic Controllers (PLC's)
- Operator Interface Panels
- Chart & Video Recorders
- Temperature Controllers
- Transmitters
- Analyzers
- Multimeters & Calibrators



# MANUFACTURER PARTNERS

We work with the industry's leading manufacturers so you can be sure that your system is designed using the latest technology. Our long-standing relationships with these vendors give us greater access to product, training, and technical resources. We take pride in our integrator and distributor awards and certifications and we are constantly striving to improve through training and innovation.



- Manual & Automatic Ball Valves
- Valve & Damper Actuators
- Valve Positioners



- Industrial Wireless
- Industrial Ethernet & I/O
- Industrial PC



- Combustion Efficiency Products
- Flame Scanners
- Flame Safeguard Controls



- Programmable Controllers
- Human Machine Interface
- Design & Operations Software



- Combustion Efficiency Systems
- Burners & Low NOx Burners
- Safety Shut-Off & Control Valves



- Modicon PLCs
- ClearSCADA
- Variable Frequency Drives



- Automation Controllers & Software
- Controllers & Data Acquisition
- Industrial Field Devices



- Electric Heaters
- PID Controllers
- SCR's



- Ignition Foundation SCADA
- Ignition Pro Data Management
- Ignition Ultimate Mobile



- SCADA
- HMI
- Historian

## CERTIFICATIONS & ALLIANCES



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