

COMPANY DATA

CAGE 9Q5Z2
UEI LQKTFZMD19B3

NAICS

811210

Electronic and Precision Equipment
Repair and Maintenance

SERVICES

Managed Services
Preventive Maintenance
PLC and SCADA Programming
Valve and Sensor Calibration
Instrumentation Troubleshooting

TECHNOLOGIES

Allen-Bradley PLCs SCADA
HVAC Interlocks

ENVIRONMENTS

Air Force Munitions Facility

CASE STUDY · DEFENSE · FACILITY SYSTEMS

Sustainment of PLC and SCADA controls for a blast containment system at an Air Force nuclear-enterprise facility

Maintained the Allen-Bradley control platform, valves, pressure sensors and HVAC interlocks of a munitions facility's blast containment safety system for the Department of the Air Force.



CLIENT

Department of the Air Force, nuclear-enterprise munitions facility in the Southwest

1 Option year exercised

REQUIREMENTS

- Safety function.** The facility's blast containment system detects and contains unintended conventional blasts. Its controls, instruments and interlocks had to remain tested, calibrated and current.
- Platform expertise.** The work called for expertise in Allen-Bradley control systems and SCADA.
- Site access.** Every visit depended on the installation entry access list and an assigned site contact.

SOLUTION DELIVERED

- Containment readiness testing**
Tested and calibrated system valves and pressure sensors and verified that HVAC interlocking devices responded as designed.
- Control logic maintenance**
Performed PLC and SCADA program changes on the Allen-Bradley platform and supported instrumentation troubleshooting for system sensors and valves.
- Software and server sustainment**
Installed and licensed the system software, maintained license currency, configured supporting hardware, and performed server maintenance and the annual system backup.
- Critical spares provisioning**
Supplied all specified Allen-Bradley 1756 critical spare parts during the base year.
- Baseline condition assessment**
Delivered the contract's Initial Assessment to the Contracting Officer's Representative once site entry was cleared.

DELIVERY ASSURANCE

- ✓ Upgrades verified in the field against the as-installed configuration prior to acceptance.
- ✓ Service reports documented each inspection and identified deficiencies for government review.