CAPABILITY STATEMENT

CURRENT AND PAST PERFORMANCE

CURRENT PERFORMANCE
City of San Angelo, Texas, Water Utilities
F-Wave Industrial Plant, Burleson, Texas

PAST PERFORMANCE
Federal Reserve Bank of Atlanta, New Orleans Branch, Perimeter Security
SEPA-Georgia, SCADA Replacement
BNSF-Logistics, Reverse Engineer Control Relays

COMPANY DATA AND CREDENTIALS

D&B # 080969604
Cage Code: 808F7
Year Founded: 2017

NAICS: Primary: 541512;
Secondary: 541511
PSC: Primary: D307;
Secondary: D308

SOCIAL-ECONOMICAL CERTIFICATIONS
Woman Owned Small Business (WOSB), Women's Business Enterprise, (WBE), and HUB (TX)
Accepts Major Credit Cards
References available upon request

CORE COMPETENCIES

CONTROL SYSTEMS ENGINEERING
Professional Engineering Firm Registered in the State of Texas (F-19304).

PROGRAMMING SERVICES
PLC (Programmable Logic Controllers), Historian, SCADA, HMI (Human Machine Interfaces).

FIELD SERVICES
Control Systems signal/instrumentation troubleshooting, testing, simulation, and staff training. System installation and service.

PLC & SOFTWARE OWNED & SUPPORTED
Rockwell, GE, Schneider Electric, Siemens, Red Lion, Ignition, Freewave Radio, Phoenix Contact and AutoCAD Electrical.

PROCESS SIMULATION

We use a single PLC to simulate the customer's process. The physical I/O is virtualized and the Remote/Manual Logic from each PLC is copied to a single PLC. Separate process simulation code sections are written to simulate the process and I/O. The HMI is redirected to the simulation PLC. Remote/Auto logic is written for each PLC in separate code sections in the simulation PLC.

In this manner, the customer can see how their process will look and feel prior to ever being used in the physical plant (a software Factory Acceptance Test). All control logic and HMI graphics are worked out ahead of time.

Once the customer is satisfied with the control logic and HMI graphics, the code is reloaded into the individual PLCs installed in the plant. All that is left is the careful landing of real-world I/O and final testing.

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