

## A HARVARD BUSINESS SCHOOL CASE STUDY

**OUR SERVICES**

- ▶ Automation Project Management
- ▶ Instrumentation Services
- ▶ Commissioning & Qualification (C&Q)
- ▶ Control Systems Integration
- ▶ Computer System Validation

**OUR VISION**

To be the preferred solution provider of our business partners' control system engineering needs.

**CORE VALUES**

- ▶ Excellence and innovation in all we do.
- ▶ Honesty and integrity are the foundation of who we are.
- ▶ Relentless commitment to serve is our way of life.
- ▶ Listen to our client's and associate's needs.
- ▶ We are a family; respect, loyalty and teamwork is our company culture.
- ▶ We are an integral part of the communities in which we live.

**OUR MISSION**

To be the best control system, instrumentation and compliance service firm by applying our unique combination of technical expertise and commitment culture. We will achieve unparalleled cost-effective and reliable solutions for our business partners while being a great company in which to work and a valuable corporate citizen to our communities.

**PROJECT NEWS****Recently Granted Projects**PUERTO RICO

- ▶ DeltaV Control System Installation, Integration and Validation (CSV) for Lift Station
- ▶ DeltaV Control System Installation, Integration and Validation (CSV) for a Bio-Process Area
- ▶ Computer System Validation for AHU (Johnson Controls Control System)
- ▶ Computer System Validation for AHU (SIEMENS Control System)
- ▶ Fette 3090 Conversion to Bi-Layer Commissioning, Qualification and CSV

UNITED STATES

- ▶ Rockwell Platform and iFix HMI Systems Integration project for an Indianapolis Water Treatment Plant being expanded and upgraded.
- ▶ Selected as the System Integrator and Instrument Service Provider for a Rockwell Building Management System for a new warehouse facility being designed and built at a pharmaceutical client site.

EUROPE

- ▶ Selected as Instrument Services Provider for the C&Q effort at a major pharmaceutical plant expansion.
- ▶ Control System upgrade for Blister Line Thermoformer (B&R PLC).
- ▶ Control System upgrade for Blister Line feeder machine (Allen Bradley SLC504).

**Recently Completed Projects**PUERTO RICO

- ▶ DeltaV Control System (w/ Fieldbus and DeviceNet) Installation, Integration and Validation (CSV) for Acetic Acid Distribution System
- ▶ Rockwell Control System Installation, Integration and Commissioning for Fuel Distribution System

UNITED STATES

- ▶ Completed the system integration and panel fabrication for a portable Flow Cart at one of our pharmaceutical client's sites
- ▶ Completed panel fabrication of multiple Rockwell BMS control panels for a pharmaceutical client's site.

EUROPE

- ▶ Fault diagnostics and resolution for Blister Line Cartoner and Thermoformer. (HMI Siemens Simatic)
- ▶ Systems decommission support of bottling line. (Omron, Mitsubishi and Allen Bradley PLC's)

**General News**

- ▶ PACIV-USA received a "green" scorecard from one of our largest pharmaceutical clients after a financial audit of our engineering and instrumentation services was conducted at our office. No financial issues were found and the audit was noted as one of the easiest that the team had performed.

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