

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

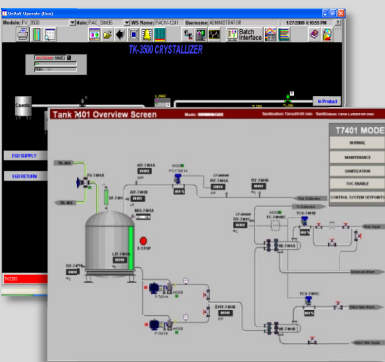
To be the preferred solution provider of our business partners' control system engineering needs.

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.



Interesting Facts...

PACIV is actually an acronym for our core services – Process Automation, Controls, Instrumentation and Validation. We have had these core services since our inception in 1997 and have stayed true developing and growing these core services and competencies over the last 14+ Years.

PROJECT NEWS

Recently Granted Projects

PUERTO RICO

- ▶ OEE connectivity assessment project for biotech plant. Ethernet connectivity to allow data from various types of PLC's to be accessed. Control platforms include Rockwell, Siemens and OSI-PI.
- ▶ Automation support services for several packaging lines of a biotech client.
- ▶ Control system implementation for a flour weight and dispensing system for a food & beverage client. Control system implemented using Rockwell PLC/HMI's and Hardy Instruments load cell monitors.
- ▶ Computer system validation services for a BMS (Siemens) expansion project for a Pharmaceutical client.

UNITED STATES

- ▶ Foxboro I/A and Rockwell PLC site support for an animal health manufacturing facility.
- ▶ Rockwell PLC and validation support for a pharmaceutical pilot plant facility. This includes the system custodial role as well as project support.
- ▶ Instrument procurement for an animal health facility expansion in the utilities and manufacturing areas.

EUROPE

- ▶ Consultancy for the Instrument Procurement Planning and Implementation of a large biotechnology facility.



Recently Completed Projects

PUERTO RICO

- ▶ DeltaV implementation project for several process areas, including CIP, of a biotech plant. Services included DeltaV programming, installation (Fieldbus and DeviceNet) and CSV.
- ▶ DeltaV implementation project for Acetonitrile distribution. Services included DeltaV programming, control system installation (Fieldbus and DeviceNet) and CSV.
- ▶ Alarm management implementation project (PACIV-TIPS) for a biotech plant.
- ▶ Computer system validation services for a BMS (Siemens) upgrade project (MBC to PXC controllers) of a pharmaceutical plant.

UNITED STATES

- ▶ Control and power panel fabrication (Rockwell ControlLogix) for an automotive manufacturer in Tennessee.
- ▶ Pharmaceutical device line test stand validation documentation including design documentation, operator protocols, and testing protocols and execution.
- ▶ Instrumentation procurement services of 200 instruments for the expansion of a pharmaceutical facility.
- ▶ Instrumentation procurement services of 300 instruments for the control system upgrade of a pharmaceutical bulk manufacturing facility.

General News

- ▶ PACIV has completed the incorporation of its newest location for our Ireland operations, near Co. Cork.
- ▶ PACIV and TIPS (www.tipsweb.com) presented an alarm rationalization workshop for a large Biotech client.
- ▶ PACIV will be at Interpex Puerto Rico – October 20 to 21 at booth 518
- ▶ PACIV will attend the Rockwell Automation Fair in Chicago – November 16 to 17.

VISIT OUR WEBSITE WWW.PACIV.COM

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