

# PACIV CUSTOMER NEWSLETTER

Puerto Rico • United States • UK • Ireland

total instrumentation and control systems engineering solutions

## SERVICES

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

## VISION

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

## 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 associates' 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.

## 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.



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[www.paciv.com](http://www.paciv.com)

*A Harvard Business Case Study*

## Recently Granted Projects

### PUERTO RICO

- Automation Support (code development and commissioning) for a biotech client. Technologies include Control Logix, RSView SE and DeviceNet.
- DeltaV Control System Design services. Solution will allow client to monitor the HVAC system using DeltaV.
- Control System Installation, Integration and Validation (CSV) of a process area for a biotech client. Technologies include DeltaV, DeviceNet and Fieldbus.
- Validation of Water Bottling Process for a major bottling client.

### UNITED STATES

- Rockwell ControlLogix Support Contract for a major Water Treatment Facility.
- Automation Hardware (Rockwell Platform) Procurement and panel fabrication for a major Pharmaceutical campus utility recapitalization project.
- Foxboro I/A Engineering Support for the retrofit of the manufacturing process for an existing biotech facility.
- DeltaV integration and testing for process modifications and enhancements of a biotech Pharmaceutical bulk manufacturing facility.
- Instrument Procurement for the first phase of a retrofit of the utilities and the fixed manufacturing equipment for an existing biotech manufacturing facility.
- Senior Validation Coordination for an Animal Health Manufacturing Facility.

### EUROPE

- OEE Strategy Assessment – Prepare strategy to eliminate islands of information and complete vertical integration of data to an existing MES system for a pharmaceutical manufacturing plant.

## Recently Completed Projects

### PUERTO RICO

- 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.
- Completion of startups of three (3) water filtration plants. Technologies included, Control Logix, DeviceNet and Profibus.
- Control System Installation for the granulation area of a pharmaceutical client. Technology included Control Logix.
- Computer system validation services for a BMS (Siemens) expansion project for a pharmaceutical client.

### UNITED STATES

- Rockwell Integration (using Modbus) for a Pharmaceutical Facility new Chiller project.
- Siemens S7 Support and Engineering Documentation for a Packaging Conveyor Line at a Global Car Care Distribution Center.

## General News

### PUERTO RICO

- Seven (7) engineers trained in RSLogix 5000.

### UNITED STATES

- PACIV is implementing a major new, cloud-based procurement/inventory management system. Testing is underway currently and new orders will be placed using the system in February, 2012.
- PACIV will be attending the 2012 Control System Integrators Association annual meeting in Scottsdale, Arizona in April, 2012. ([www.controlsys.org](http://www.controlsys.org))

### EUROPE

- PACIV's European operations will celebrate its 5th anniversary in February.



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