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CUSTOMER NEWSLETTER

total control systems engineering solutions

Q209



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 (w/ Fieldbus and DeviceNet) Installation, Integration and Validation (CSV) for Acetonitrile (ACN) Concentration Control.
- ▶ Foxboro and SLC5/05 Control System (w/ DeviceNet) Installation, Commissioning, Validation (CSV) and Instrumentation Procurement for Water Reclaim and Recycling.
- ▶ DeltaV Control System (Class 1 Div. 2 area) Installation, Validation (C&Q) and Instrument Calibration for pH Adjustments Modifications Project.
- ▶ Temperature Mapping Study for Manufacturing Rooms and Warehouse Areas.
- ▶ AHU Performance Qualification Testing - Temperature, Humidity and Air Flow Control.

United States

- ▶ Building Management System (BMS) integration and qualification using Rockwell ControlLogix' platform for a pharmaceutical client's automated warehouse and packaging facility.
- ▶ Instrumentation Services (i.e. purchasing, warehousing, management) for Utilities Upgrades and Major Capital Projects to the end client and third party skid vendors.
- ▶ Rockwell ControlLogix integration and qualification for a Building Management System (BMS) upgrade of a pharmaceutical client's manufacturing and warehouse facility.

Europe

- ▶ Controls system upgrade, Thermo former Korber-Medipack, blister packaging line.
- ▶ Blister line controls system upgrade, Aylward feeder machine, blister packaging line.
- ▶ HMI upgrade, Siemens PC, Blister Packaging Line.

Recently Closed Projects

Puerto Rico

- ▶ TiPS Log Matew/ DeltaV Control System.
- ▶ DeltaV Control System Installation, Integration, Validation (C&Q and CSV), Instrumentation Procurement and Instrument Calibration for Nitrogen Cross Contamination Project.
- ▶ Automation and Instrumentation support for Loops Checks, Start-Up, and Validation activities at a New Bulk Bio-Tech Plant Expansion.
- ▶ Fette 3090 Tablet Press and auxiliary equipment (i.e. Deduster, Check Master, Post Hoist, Metal Detector, etc.) Validation (C&Q and CSV).
- ▶ Micro-Vu Measurement System Qualification.

United States

- ▶ Completed the Addition of New Instrumentation and Automation Points for a Major Water Utility Client's SCADA System.

Europe

- ▶ Back-up, system user administrator, system upgrades and obsolescence monitoring for Siemens S5 and S7-200/300/400 Series MPI Direct Protocol, Omron PLC, Mitsubishi PLC Melsoft, Allen Bradley for Packaging equipment.
- ▶ UPS upgrade and system backup, Bereckhoff PLC, blister packaging line.

General News

- ▶ PACIV became a member of the Pharmaceutical Industrial Association of Puerto Rico (PIA-PR).
- ▶ Jorge L. Rodriguez named President for the Board of Directors of the Puerto Rico Construction Cluster.
- ▶ PACIV collaborated for the 2009 Bio International Convention in Atlanta as part of the Puerto Rico Pavilion in collaboration with industry, academia (INDUNIV) and Government (PRIDCO).
- ▶ Five (5) additional PACIV-PR resources were trained in Project Management in June.
- ▶ We participated on the ISPE Great Plains chapter event held in Chicago, Illinois in May where Jeff Veach was certified on "Application of Commissioning and Qualification" and Will Taber on "HVAC for Pharmaceutical Facilities".



Visit our recently remodeled website www.paciv.com

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