



## PACIV Reorganizes in Response to Continued Growth

BY CB STAFF

**P**ACIV Inc., a leading engineering firm that provides the life sciences industry with turnkey outsourcing solutions in the areas of automation and computer system validation, recently announced several new appointments and corporate restructuring to meet the demands of the firm's steady growth.

Jorge L. Rodríguez, president & CEO of PACIV, said that on Jan. 3, the firm appointed José Calderón and Samuel Estrada to serve as vice president of operations for Regions One and Two, respectively. At the same time, PACIV promoted Luis Meléndez as its new director of validation services and tapped Adrienne Muñiz to be the comptroller for the company's Puerto Rico and U.S. operations.

Rodríguez said that Calderón was promoted from within the company where he led its DeltaV Automation/CSV Project Team that performed the automation commissioning of DeltaV and is currently working on the computer system validation at Lilly del Caribe's new Humalog Plant in Carolina. Calderón, who has a degree in electrical engineering from the University of Puerto Rico's Mayagüez Campus, has more than 10 years experience in control systems, computer system validation and the pharmaceutical industry. Samuel Estrada is a licensed professional engineer with a bachelor's degree in electrical engineering from the Polytechnic University of Puerto Rico and has more than 11 years experience in control systems and computer system validation for the pharmaceutical industry. He has worked for several pharmaceutical companies on the island, including Lilly del Caribe, J&J Janssen-Ortho, and Bristol-Myers Squibb.

Luis Meléndez, who will be charged with offering support to Calderón and Estrada in all validation-related projects, has 11 years experi-



**PACIV Inc.'s executive team: Samuel Estrada, PE, vice president of operations; Luis Meléndez, director, validation services; Adrienne Muñiz, comptroller; Jorge L. Rodríguez, PE, president; and José R. Calderón, vice president of operations**

ence in the industry and attended the University of Turabo's mechanical engineering program.

PACIV is among the largest automation and computer system validation firms in Puerto Rico and has more than 125 engineers, instrument technicians, and computer system validation specialists. More than 40 of its engineers and instrument technicians hold certifications in DeltaV, 35 are certified in PLC, RSView and iFIX, and 60 have certifications in computer-system validation. The firm has provided all the automation commissioning and computer-system validation for Eli Lilly's biotechnology site in Puerto Rico. PACIV was also chosen to

provide the instrumentation and automation commissioning for the new Amgen biotechnology site.

PACIV was established in Puerto Rico in 1997 and has steadily expanded its presence since that time. The firm, which began with just one associate, grew to include 125 by the end of 2004. In 2003 it began operations on the U.S. mainland and today employs 25 automation engineers and instrument technicians at its stateside operation. Rodríguez said the company has consistently had an average annual revenue increase of 200% and ended 2004 with approximately \$8.5 million in sales. n



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[jmaldonado@prwmc.com](mailto:jmaldonado@prwmc.com)

PO Box 3867, Carolina, PR 00984 PH. • Tel. 769-0545 Fax 787-769-0520