



PDVSA emphasizes response times, SCADA integration in selection of surge control system at Tia Juana 3 gas plant

MCL Control to serve as system integrator and HIMA as the safety systems provider for retrofit of gas compression plant

(HOUSTON, TX, January 19, 2016)

PDVSA, Venezuela's state-owned oil and gas company, has selected MCL Control S.A. as the system integrator (SI) and HIMA as the safety systems provider to implement state-of-the-art turbomachinery control at the Planta de Compresión Tia Juana 3 on Lake Maracaibo.

The selection continues PDVSA's preference for high level engineering system integrator and safety system provider. The new system will enable the gas plant to benefit from a single platform for turbo compressor critical control.

Fast response times for surge and fuel control applications and easy integration with the SCADA GALBA were important to PDVSA. The company required integrated alarms, diagnostics and events, using standard communication protocols.

The SCADA GALBA is a system developed by PDVSA in order to advance in the independence and control of industrial process supervision technologies.

The HIMA turbomachinery solution, based on three HIMax[®] SIL 3-rated safety systems used in the A and B compressor chains and refrigeration areas, meets IEC 61511 and the latest API turbomachinery protection standards. The system will be programmed using SILworX[®] software and serve more than 1150 I/O. Communication will be accomplished via OPC AE, Modbus TCP master and slave, and Send&Receive TCP.

“Years of positive experiences with HIMA’s safety solutions and MCL Control automation engineering and services reinforced our confidence in their abilities to implement this new turbomachinery solution,” said Automation Gas Plant Project Team, Eng. Enrique Davis and Msc. Gerardo Queipo. "With the strategy considered by PDVSA the objective is to benefit more at the technology level: technology independence, guarantee of maintaining the investment associated with the life cycle of the product and guarantee of technology transfer”.

About HIMA

The HIMA group is the world's leading independent provider of solutions for safety-critical applications. With more than 35,000 installed systems and TÜV-certified hardware and software, HIMA qualifies as the safety automation industry's technology leader. For over 45 years the world's largest oil, gas, chemical, pharmaceutical and energy-producing companies have relied on HIMA products, services and consulting to provide uninterrupted plant operations and protection for people and the environment. HIMA solutions are also leading the way to increased safety and profitability in the rail industry, logistics and machine operations. A family-owned safety specialist, HIMA operates from over 50 locations worldwide, has a workforce of approximately 850 employees and in fiscal year 2014 generated sales of €121 million. HIMA has operated in the Americas since the early 1980s. Its headquarters for the Americas is located in Houston, Texas. Discover more at www.hima-americas.com

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