

Honeywell to provide totally integrated automation solution for Vietnam oil and gas production industry

18 December 2012 - Honeywell held today its first comprehensive oil and gas solution technology workshop in Vietnam at Vung Tau City to introduce to Vietnamese customers the big picture of Honeywell technology products and solutions that support customers to address the toughest challenges of today oil and gas operation including energy efficiencies, safety and security.

About 100 attendees joined the workshop to learn about Honeywell's complete oil and gas solutions, from field devices safety, security products, wireless solution, SmartLine transmitter, and flare and burner technology to control and management solution with new Distributed Control System (DCS) platform - Experion Orion. This has created a forum for targeted technical engineers, project management experts to share experience and/or brainstorming their most popular issues/concerns on oil and gas production automation system with Honeywell specialists coming from different Honeywell businesses in the region.

A key sector of Vietnam's economy, the oil and gas industry contributes a high proportion for the country's GDP and accounts for 18-20% of its export. But a major challenge remains in total integration solution of different system functions for offshore facilities, where Honeywell's comprehensive portfolio and proven track record of meeting fast-track delivery schedules really come in to play a significant part.

A pioneer of system integration solution in the industry, Honeywell transforms process control beyond traditional DCS functionality by unifying assets, processes and people to improve business agility. Honeywell Process Solutions (HPS) delivers integrated process control and advanced solution with better lifecycle support to protect and future-proof users' investments.

In 2011, Honeywell was engaged by PetroVietnam Technical Services Corporation (PTSC) and the Bien Dong Petroleum Operating Company (BDPOC) to supply an integrated process control system for their central processing platform in Vung Tau, Vietnam. When fully operational by the middle of 2013, the platform is expected to contribute significantly to meet Vietnam's increased gas demands by providing 2 billion cubic meters of gas each year and up to 20,000 barrels of condensate daily.

HPS implemented its award-winning Experion® Process Knowledge System (PKS) with C300 Controller and Foundation Fieldbus capabilities to fully automate the facility. Lying at the heart of Honeywell's DCS, Experion PKS allows integration of all process control and safety systems and automation software under one unified architecture.

In addition, Safety Manager – a closely integrated safety solution of Experion PKS, was installed to this platform to improve process-safeguarding protocols, such as emergency shutdowns, fire and gas monitoring, and critical application control.

Honeywell's best-in-class integrated solutions for oil and gas industry also include tailored security systems that help prevent potential risks. Honeywell Security's explosion-proof surveillance cameras are housed with a stainless steel construction and are ATEX certified which meets the industry's high

standard for cameras using in areas at risk of explosion and guarantees safe operation under hazardous environments. These cameras are available both in IP and analog format.

Honeywell has also developed a smart IP security management platform HUS (Honeywell Universal Surveillance) that can be integrated with an extensive range of Honeywell IP and analog camera as well as intrusion and access control systems seamlessly to provide customers a reliable end-to-end total security solution.

With HUS, you can develop a full IP surveillance platform by using IP front-end devices together with video management server (VMS) and network video recorder (NVR). HUS can also be used as a hybrid solution – by migrating the latest IP technologies with traditional analog components, you can save installation time, better control operational costs and maximize initial investments in surveillance equipments.

Besides, Honeywell covers end-to-end system integration services, including site survey, product configuration, programming and calibration support, product and system integration and commissioning.

Honeywell adopts a lifecycle management approach to provide a long-term, flexible, risk sharing partnership in managing installed assets. Each project is uniquely designed to maximize the expected results from installed hardware and software. The result of these services is maximum return on the users' technology investment through personalized service and assistance throughout the lifecycle of the process installation.

Earlier in 2011, to recognize Honeywell's exemplary performance on the first phase of H-04 wellhead platform in the Te Giac Trang (TGT) field, Hoang Long Joint Operating Company (HLJOC) presented Honeywell with a customer award recognizing its outstanding performance that led to a successful, on schedule and within budget completion of the TGT project.

Mai Trang Thanh, President of Honeywell in Vietnam, said the company's goal is to “provide a holistic and integrated approach to enable customers to sustain business optimization over the projects' lifecycle.”

“At Honeywell, we commit ourselves to three areas: process safety and security, operations excellence, and business agility, and to provide more value adds to local customers in supporting them improve project management efficiencies in both commercial and technical manners,” she said.