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Egyptian fertilizer plant launches major control system upgrade

Customer and system integrator choose Honeywell PKS for Abu Qir facility.

— *Control Engineering*, 5/6/2009

Uhde Services and Abu Qir Fertilizers and Chemical have selected **Honeywell Process Solutions** to revamp the process control system for Abu Qir's facility in Alexandria, Egypt.

Streamline production, save energy

Honeywell will deploy its Experion Process Knowledge System (PKS) in an effort to streamline production processes, save energy and boost product quality. "This project is a significant undertaking involving the replacement of an older process control system with new, state-of-the-art Honeywell technology," says Dr. Bernd Jordan, head of electrical and instrumentation, Uhde Services GmbH. "We selected Honeywell because of its successful track record with similar fertilizer projects, proven technology, and ability to support us on-site."

Uhde Services will use Honeywell's Experion as the centerpiece of the new production system. Experion will allow the facility to unify process, production, and business management. The system ties together critical subsystems, including process units and safety systems, throughout a plant and delivers relevant information directly to operators. **Foundation Fieldbus** technology will be integrated with Experion to allow bi-directional communications between field devices and the control system, as well as from one field device to another.



Competitive gain anticipated

"The new system should deliver a much wider range of accurate and timely information to Abu Qir II plant operators than was possible in the past, allowing them to manage their production lines more efficiently and with far less energy than before," says Edwin van der Maagdenberg, regional managing director Northern Europe, Honeywell Process Solutions. "Agriculture is big business in North Africa and these improvements will help Abu Qir Fertilizers and Chemical Industries Co. compete more effectively in Egypt with a superior fertilizer."

—Edited by Peter Welander, process industries editor, peter.welander@reedbusiness.com
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