

Press Release

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Research Center Pharmaceutical Engineering and Perceptive Engineering solidify partnership to accelerate adoption of Advanced Process Control in pharmaceutical manufacturing systems.

(Graz, February 25, 2019) The Austrian based Research Center Pharmaceutical Engineering GmbH (RCPE), an independent R&D Center specialized in advanced manufacturing science and pharmaceutical engineering, and Perceptive Engineering Limited, leading provider for automated, advanced process control solutions, jointly announce the formation of a technology partnership to drive and accelerate the adoption of Advanced Process Control (APC) within the pharmaceutical industry. By combining excellent, complementary expertise, the companies can investigate, develop and offer integrated solutions to improve the precision, robustness and continuous process verification of pharmaceutical manufacturing systems.

Particularly, as continuous manufacturing gains momentum in the pharma and life science industry, possibly allowing companies to develop products faster, while reducing costs and increasing flexibility, technology providers must provide supervisory systems to control equipment as well as integrate material and PAT characteristics to constantly meet quality and safety requirements.

The partnership further solidifies the existing collaboration between RCPE and Perceptive as well as shared corporate partners. Together, the companies can provide pharmaceutical companies with the opportunity to explore optimised design spaces, evaluate (in-line) process analytical technologies and ensure seamless transfer through Perceptive' modular software solution. Ultimately, creating a comprehensive Quality by Design tool set, ready for verification and implementation, delivering better and safer drug products to patients.

“We welcome the opportunity to work more closely with Perceptive Engineering. By integrating our research and advanced capabilities in PAT, model predictive control and mechanistic modelling with Perceptive’s industrially proven solution, we can offer partners not only the latest in science and technology but ensure that they can realize its full potential in their own processes”, stated Massimo Bresciani, Executive Director Scientific Operations and Business Development of RCPE.

“We are looking forward to developing a close collaboration with RCPE, who are recognised as a prestigious leader in pharmaceutical manufacturing research”, added David Lovett, Managing Director of Perceptive Engineering. “Our two organisations will be able to offer complementary skills, experience, tools and techniques that will help meet current and future pharma challenges.”

Press Contact, Inquiries, Picture Material

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Information about the organisations

RCPE GmbH

Together with the global players in the pharmaceutical industry, the K1 Competence Center Research Center Pharmaceutical Engineering (RCPE) performs cutting-edge research in the field of process and product optimization. The main focus is on the development of new drug delivery systems and the associated production processes and their monitoring. In addition to an experienced multidisciplinary and international team the outstanding achievements of the center due to its proximity to the universities of Graz. Thus, being a link between science and industry, RCPE offers state-of-the-art business-oriented research. RCPE is owned by Graz University of Technology (65%), the University of Graz (20%) and the Joanneum Research GmbH (15%).

For more information visit www.rcpe.at

Perceptive Engineering Limited

Perceptive Engineering Ltd is a leading player in the deployment of model based Advanced Process Control (APC), especially within the Pharmaceutical sector. **PharmaMV** is specifically designed to support development and deployment of multivariable technologies for monitoring and control within the regulated Pharmaceutical production environment. The **PharmaMV** platform provides modular tools to design, deploy and maintain advanced applications within a regulated environment. The Platform includes software tools to ease the transition from Development into Manufacturing, reducing the time to transfer knowledge and technology into commercial value. Advanced Process Control solutions are already available for a wide range of pharmaceutical process units, for both small and large molecules, batch and continuous processes, all now conforming to an Industry 4.0 design.

For more information visit www.perceptiveAPC.com