

# Press release



**FOR IMMEDIATE RELEASE**

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## **PSE and Hyperion sign Saudi gPROMS agency agreement Model-Based Engineering for Process Development and Plant Optimisation**

LONDON and NICOSIA, 6 March 2009 --- Process Systems Enterprise (PSE), providers of the gPROMS® advanced process modelling system and related services to the process industries, and Hyperion Systems Engineering Ltd, the leading independent simulation solutions supplier, today announced the appointment of Hyperion as agent for PSE's technology and Model-Based Engineering (MBE) services in the Kingdom of Saudi Arabia.

Under the agreement, Hyperion Systems Engineering Saudi Arabia Ltd will introduce gPROMS and PSE's Model-Based Engineering services to the Saudi process industry. Based on PSE's unique predictive models for key processes and delivered by its world-class consulting group, MBE services underpin rapid return-on-investment plant optimisation and accelerated process innovation and process development.

gPROMS is the world's leading modelling environment for reaction, polymerisation, crystallisation and other complex processes. It represents a new generation of high-accuracy predictive modelling technology available to process industries for optimising design and operation of process plants, accelerating innovation, managing technology risk and generating intellectual property (IP). gPROMS is widely applied throughout the chemical, petrochemical, energy, power, utilities and pharmaceuticals sectors as well as for carbon capture and storage (CCS) applications.

Hyperion Systems Engineering Ltd ([www.hyperion.com.cy](http://www.hyperion.com.cy)) is the leading independent supplier of operator training system (OTS) and dynamic simulation solutions to the process industries, and has one of the world's most experienced teams of modelling engineers. The company has an extensive network of global operations including offices in Al Khobar, Saudi Arabia and Bahrain in the Gulf region.

Dr. Symeon Kassianides, Chief Executive Officer at Hyperion, says "We are very pleased to be able to represent PSE's renowned technology and capabilities to expand our already strong position as a provider of specialist modelling, simulation and optimisation solutions for the process industries in Saudi Arabia. We believe that together we can add significant value to the operations of our Saudi customers."

Prof. Costas Pantelides, Managing Director of PSE, says "We are very pleased to be taking our first step into the Middle East with a company that has the excellent track record and reputation of Hyperion. We believe that Saudi Arabia, with its extensive and dynamic chemical and energy industries, will very quickly develop into a major market for PSE and gPROMS."

## **Notes for Editors – full distribution version**

Photos and other materials are available at [www.psenterprise.com/news/pr090306.html](http://www.psenterprise.com/news/pr090306.html)

### **About Hyperion**

Hyperion Systems Engineering ([www.hyperion.com.cy](http://www.hyperion.com.cy)) is the leading independent supplier of OTS solutions to the process industries.

Hyperion Systems Engineering Ltd. provides world-class professional consulting services and solutions in the areas of Supply Chain Management, Advanced Planning and Scheduling, Dynamic Simulation and Modeling, Advanced Process Control & Optimization and Plant Information Management. Hyperion enables Process Manufacturing companies to increase efficiency and profitability.

With headquarters in Cyprus and operating subsidiaries in the UK, Russia, Greece, India, Saudi Arabia, Bahrain, Singapore and China, Hyperion employs engineering professionals who have implemented over 200 projects worldwide. Hyperion has one of the world's most experienced teams of resource in the field of Dynamic Simulation and Operator Training, with simulation and modeling professionals who have implemented OTS projects for companies such as BP, ExxonMobil, Shell, Saudi Aramco, Snamprogetti and Fluor in the Oil & Gas, Petro-Chemical, Chemical and Utility Power industries.

Hyperion is certified to the ISO 9001:2000 standard, by EuroCert, for the design, development and implementation of Modeling and Simulation Solutions.

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### **About Process Systems Enterprise Ltd**

PSE ([www.psenterprise.com](http://www.psenterprise.com)) is one of the world's foremost providers of Advanced Process Modelling (APM) software and Model-Based Engineering (MBE) services to the process manufacturing industries. APM uses high-accuracy mathematical models of process equipment and phenomena to provide high-quality numerical information for decision support in process innovation, design and operation and to capture process intellectual property [IP].

Use of PSE's technology and services within MBE programmes results in faster innovation, improved designs of processes and products, enhancement of existing operations and more effective R&D and experimental programmes. Results are achieved with relatively low investment compared to alternative approaches – where these exist – with rapid return on investment and transfer of modelling know-how to industry.

PSE's global customer base of process manufacturing companies and their technology suppliers is served by operations in the UK, USA, Germany, Japan and Korea, and agencies in China and India. PSE is a spin-out of Imperial College London, and its software is used in some 200 research organizations around the world.

The company's own ability to innovate was recognized with the receipt of the prestigious 2007 Royal Academy of Engineering MacRobert Award for Engineering Innovation.

### **About gPROMS**

gPROMS<sup>®</sup> is the world's leading Advanced Process Modeling (APM) environment. It is used to provide high-quality information for decision support in innovation, design and operation across all sectors of the process industries,

with particular focus on modeling of complex operations such as reaction, crystallization, polymerization and fuel cell processes, where PSE supplies state-of-the-art open model libraries.

Companies apply gPROMS to reduce time-to-market for new processes or products, improve designs, enhance production, reduce capital and operating expenditure and comply more effectively with safety, health and environmental requirements.

gPROMS is applied across the 'process lifecycle', from laboratory experimentation, through process and detailed design, to online operation, and is central to the emerging technology of Model Based Innovation.

PSE is committed to maintaining gPROMS at the leading edge of modeling technology.

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