

 **Press release**

FOR IMMEDIATE RELEASE

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PSE and Honeywell announce license, development and distribution agreement

Partnership will foster innovative solutions to help plants optimize operations

Process Systems Enterprise (PSE) and Honeywell (NYSE: HON) Process Solutions today announced a license, development and distribution agreement. Under the agreement, PSE's gPROMS[®] dynamic process modeling solution will integrate with Honeywell's Experion[™] Process Knowledge System (PKS), as part of the system's Shadow Plant[®] advanced application for dynamic plant simulation. Integrating gPROMS with the Experion system will result in improved Real-Time Optimization (RTO), Abnormal Situation Management[®], performance monitoring and operator training to increase overall operational performance.

Honeywell's Experion PKS integrates process, business and asset knowledge within its single, open architecture, improving business performance in the process industries. Experion is the first industrial automation system that captures the knowledge of people in and around a facility and uses that knowledge to elevate business performance.

Harry Sim, Vice President of Marketing for Honeywell Process Solutions said, "Working with PSE allows us to provide innovative solutions to improve people effectiveness by making it easier to develop, implement and maintain process simulations along the plant automation lifecycle. With access to a whole range of new information from the heart of the process, operators will be better equipped to run closer than ever to optimal operation."

Mark Matzopoulos, Managing Director of PSE, said, "We are delighted to have been selected as the supplier of the modeling and solution engine to the world leader in process automation and knowledge systems. The demanding applications that Honeywell is bringing to market require the modeling power, speed and robustness for which gPROMS is renowned. We believe that these applications will create significant new value for our combined customer bases."

Honeywell's new Unified Simulation Environment connects Shadow Plant with gPROMS to provide an environment for customers to formulate and package their own proprietary modeling technology as process knowledge within an advanced automation strategy hosted by Experion. Honeywell is recognized for successfully delivering advanced process control and operator training applications within its Profit[®] Suite and Shadow Plant environment. Incorporating the gPROMS modeling and solution engine within this framework opens the way for more sophisticated applications to deliver information faster and with greater accuracy, allowing plants to run closer than ever to optimal operation. The use of model-based soft sensing will make new information from the heart of the process available to operators, enhancing process

The model company

understanding and early detection of events. Model-based process and equipment health monitoring applications will likewise provide a range of new information to asset management personnel.

Since gPROMS became commercially available in 1997, it has maintained its position as the world's technology-leading process modeling framework. The package can be used both as a stand-alone modeling environment and as a modeling and solution engine embedded seamlessly within other software applications. The gPROMS framework allows easy construction of models of large and complex processes, adapting of models to the current plant operating state, solution of the resulting complex mathematics and application of advanced technologies such as dynamic optimization to generate optimal operating trajectories.

Notes for Editors

About Honeywell

Honeywell International is a diversified technology and manufacturing leader based in Morris Township, N.J. With 2002 revenues of \$22 billion, the company serves customers worldwide with aerospace products and services; control technologies for buildings, homes and industry; automotive products; turbochargers; specialty chemicals; fibers; and electronic and advanced materials. The company's shares are traded on the New York, London, Chicago and Pacific Stock Exchanges. Honeywell is one of the 30 stocks that comprise the Dow Jones Industrial Average; it is also a component of the Standard & Poor's 500 Index. For additional information, please visit www.honeywell.com. Honeywell Process Solutions is part of Honeywell's Automation and Control Solutions group, a global leader in providing product and service solutions that improve efficiency and profitability, support regulatory compliance, and maintain safe, comfortable environments in homes, buildings and industry. For more information about Process Solutions, access www.acs.honeywell.com.

About gPROMS

gPROMS is one of the world's leading software packages for advanced process modeling, simulation and optimization. Conceived and initially developed at London's Imperial College, the package has been developed and marketed by PSE since 1997. gPROMS is widely used throughout the process industries for quantitative decision support in all areas of process design and optimization, as well as for advanced product design. gPROMS' advanced modeling and solution techniques and open software architecture have led to it becoming the tool of choice in many areas of advanced modeling application, in particular in areas such as crystallization and detailed reaction engineering where suitable general-purpose tools have not been available in the past. PSE is committed to maintaining gPROMS at the leading edge of modeling technology and this has resulted in some notable industry firsts in the areas of parameter estimation, dynamic optimization, mixed integer-dynamic optimisation (MIO) capabilities and model-based experiment design.



About Process Systems Enterprise Ltd

PSE (<http://www.psenetprise.com>) is one of the world's leading providers of modeling technology and model-based services for design and decision support to the process manufacturing industries. The company was founded in 1997, originally to deliver and support in the commercial market innovative process modeling technology originating from London's Imperial College. Among its unique offerings are advanced software packages, services and expertise for modeling and simulation of manufacturing processes and for the economic optimization of flexible manufacturing facilities. PSE supplies a growing, global customer base that encompasses many of the largest process manufacturing and automation companies in the world. The company is a winner of the prestigious UK Queen's Award for Enterprise and Innovation for 2001, for its gPROMS mathematical modeling framework and dynamic optimization technology, and for the past two years has been listed among the 100 fastest-growing technology companies in the UK. It employs around 35 graduates and PhDs at its headquarters in London, UK, Central European office in Köln, Germany and North American office in Houston, Texas, and has sales operations in Japan and Korea.

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