

## FOR IMMEDIATE RELEASE

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## **PSE introduces gPROMS and ModelCare to India** **“Next generation” modelling for reactor and process innovation**

Process Systems Enterprise (PSE) today announced the introduction of the company’s gPROMS Advanced Process Modelling (APM) software and associated ModelCare services in India.

As a first step in this long-term strategic development, the company has set up agreements with **IndiaSoft Technologies (P) Ltd.** and **Tridiagonal Solutions Ltd.** (TDS) that will bring gPROMS software and applications to the Indian process industries.

gPROMS is the world’s leading APM environment, and is used throughout the chemical and other process industry sectors. APM, described as “beyond process simulation”, is the new generation of high-accuracy predictive modelling technology available to process industries for optimising design and operation of process plants and accelerating innovation. gPROMS’ advanced model libraries for reaction, separation, crystallisation and polymerisation processes are recognised as leaders in their fields.

IndiaSoft is authorised to distribute gPROMS within the Indian process industries, with particular focus on the extensive academic market. The company, which is also the Indian distributor for Lanner Group’s WITNESS<sup>®</sup>, is one of the country’s leading distributors of specialist modelling, simulation and optimisation software.

TDS is a company formed by experts from the national laboratories and industry, and has extensive experience in reactor engineering and computational fluid dynamics. PSE and TDS will collaborate to provide Indian and worldwide customers with high-fidelity packaged reactor models for specific processes, as well as specialised reactor modelling services.

Prof. Costas Pantelides, Managing Director of PSE, says “We are very pleased to be taking the first step in entering the Indian market in collaboration with two highly-qualified companies. We believe that India, with its extensive process industries and highly-educated personnel, will very quickly develop into a major market for PSE and gPROMS.”

Ranjeet Utikar, Head, Reactor Engineering at TDS says “We have worked closely with PSE and gPROMS over the last year to prototype the capabilities that we are offering. We believe that we have something that will be very exciting for Indian industry and our worldwide clients.”

Dr Sunil Nambiar, Managing Director of IndiaSoft, says “We look forward to the introduction of gPROMS expanding our already strong position as a provider of specialist modelling, simulation and optimisation technology for the process industries in India.”

## **Notes for Editors**

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

PSE ([www.psenderprise.com](http://www.psenderprise.com)) is one of the world's foremost providers of Advanced Process Modelling software and Model-Based Innovation services to the process manufacturing industries. These apply high-accuracy mathematical models of process equipment and phenomena to provide high-quality information for decision support in process innovation, design and operation.

Use of PSE's technology and services results in faster innovation, improved designs of processes and products, enhancement of existing operations, better economic planning of complex 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 offices in the UK, USA, Germany and Japan, and agencies in China, India and Korea.

### **About Tridiagonal Solutions**

Tridiagonal Solutions ([www.tridiagonal.co.in](http://www.tridiagonal.co.in)) provides expert consulting for reactor engineering and modelling of complex flow processes, as well as domain-specific training for improved understanding.

Almost all processes in the manufacturing industry – from chemical, automotive to semiconductor – are governed by flow of fluid and/or energy. The innovative and competitive edge of the industry depends on how well these flow processes are designed and operated. TDS is committed to creating value for customers through 'engineering flow processes', by developing creative and innovative solutions combined with true understanding of industry requirements.

### **About Indiasoft**

IndiaSoft Technologies (P) Ltd. ([www.indiasoft.co.in](http://www.indiasoft.co.in)) has been providing scientific and statistical solutions to engineering and R&D organisations in India for over a decade. The company addresses problems in areas such as mathematical modelling and simulation of products and processes, parallel processing, numerical computation, control engineering, digital signal processing, optimisation, applied statistics, image processing and financial engineering. Primary focus areas are design, R&D and manufacturing.

The company's domain strengths range from pure mathematics and science to applied engineering disciplines. It has a 100-plus strong workforce headquartered in Pune, with branch offices in major cities Mumbai, Bangalore, Chennai, Vadodara and Delhi.

Indiasoft's client list is a virtual who's who of the engineering corporate, research and academic organisations across India. The company is fast emerging as a software based solutions provider and a software technology development organisation.

### **About gPROMS**

gPROMS<sup>®</sup> is the world's leading Advanced Process Modelling (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 modelling of complex operations such as reaction, crystallisation and polymerisation. 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 also provides gPROMS as a third-party APM and solution engine to channel partners in the automation, operator training and process simulation markets. PSE is committed to maintaining gPROMS at the leading edge of modelling technology.

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