



INTERGRAPH 2011 SOUTHEAST ASIA

Building A Smarter World

CONFERENCE AGENDA

Process, Power & Marine



Indonesia

19 July 2011 – Intergraph 2011 Southeast Asia

TIME	KEYNOTES MUTIARA I BALLROOM
9.00am	Welcome Address Daxter Chua, Sales Manager, Process, Power & Marine, Southeast Asia, Intergraph
9.05am	Welcome Address Alwi Al Hamid, Business Development Director, PT Everest Technology
9.10am	Intergraph Corporate Keynote and Process, Power & Marine in Asia-Pacific Thomas J. Doran, Executive Vice President, Process, Power & Marine, Asia-Pacific, Intergraph Process, Power & Marine Innovations Ray Howarth, Engineering Director, Process, Power & Marine, Asia-Pacific, Intergraph
10.05am	Importance of Technology for Safety and Corrosion Management of Process Facilities Johny Wahyuadi M. Soedarsono, Professor, Faculty of Engineering, Polytechnic Director, University of Indonesia
10.25am	CAXperts Overview Anton Schreibmüller, Managing Director, CAXperts
10.30am	Value-driven Collaboration – Changing the Structural Supply Game-line Paul Daynes, Head of EPC Division and Global Business Partners, AceCad Software Limited
10.35am	Break

19 July 2011 – Intergraph 2011 Southeast Asia

TIME	ENGINEERING & SCHEMATICS PROCUREMENT, FABRICATION & CONSTRUCTION SANUR ROOM	ENTERPRISE LEGIAN ROOM	3D ENGINEERING MUTIARA I ROOM
11.05am	SmartPlant Engineering & Schematics – Today and Tomorrow Frank Joop, Intergraph	Enterprise Product Update Ray Howarth, Trent Pope, and Allen Egnor, Intergraph	3D Modelling & Visualisation Product Update Douglas Clark and Najaf Bashir, Intergraph
12.00pm	SmartPlant Electrical – From Engineering and Design to Validation and Operations Thomas Duerr and Chang Chee Chai, Intergraph	Electronic Document/Data Management System Implementation Challenges in a Plant Operations Environment Joseph Annadass, BP PETRONAS Acetyls Sdn Bhd	Leica Geosystems – Smart Scanning for Smart Design Freddie Nodalo, Leica Geosystems
12.30pm	Lunch Mutiara I Foyer		
1.45pm	SmartPlant Materials and SmartPlant Reference Data Product Updates Vineesh Gupta and Neeraj Saxena, Intergraph	SmartPlant Enterprise for Owner Operators – Business Processes Ray Howarth, Intergraph	SmartMarine 3D 2011 and Beyond – Offshore Engineering Najaf Bashir, Intergraph
2.20pm	SmartPlant Construction Overview and Product Update Tim McDavid and Callum Ford, Intergraph	Rapid Capture, Organisation, and Management of Unstructured Information in Brownfield and Vendor Document Applications Trent Pope and Allen Egnor, Intergraph	Modular Design and Construction with Smart 3D Douglas Clark and Najaf Bashir, Intergraph
3.00pm	Break		
3.30pm	SmartPlant P&ID Design Validation and SmartPlant Isometrics for Inspection Santosh Raghavan, Intergraph	SmartPlant Process Safety – Design Safety into Your Plant, Frank Joop, Intergraph	Smart 3D – Downgrade to and Upgrade from PDMS Douglas Clark, Intergraph
4.00pm	SmartPlant Engineering & Schematics – The Value of Automation Chang Chee Chai, Intergraph	SmartPlant Enterprise for Owner Operators – Handover Strategies Ray Howarth, Intergraph	Choosing SmartPlant 3D Budi Santoso, PT. BATAN
4.30pm	Using SmartPlant Reference Data for Managing Catalogue and Pipe Specifications in Smart 3D Vineesh Gupta and Neeraj Saxena, Intergraph	Enterprise Web Portal Trent Pope, Intergraph	3D Model in Production – From PDS to SmartPlant Enterprise Raditya Joko Aryanto, PT. Inti Karya Persada Tehnik
5.00pm	SmartPlant Materials – Web-enabled Vineesh Gupta and Neeraj Saxena, Intergraph	SmartPlant Enterprise Solutions for the Power Industry Ray Howarth, Intergraph	Experience in Utilising SmartMarine 3D for Jackup Design Phan Thanh Son, Petrovietnam Marine Shipyard Joint Stock Company
			Utilising Smart 3D for Design of Offshore Facility Duong, Credent on behalf of Vietsovetro
			SmartPlant 3D Customer Case Studies Santosh Raghavan, Intergraph
5.30pm	Conference Wrap-up and Lucky Draw Mutiara I Ballroom		

Daxter Chua

Sales Manager, Process, Power & Marine, Southeast Asia, Intergraph

Daxter is the Sales Manager of Intergraph® Process, Power & Marine division in Southeast Asia. He is responsible for the sales of Intergraph solutions to the oil and gas, marine and offshore, and chemical and petrochemical sectors for both the Singapore and Indonesia markets. His other responsibilities include promoting the use of Smart 3D technology to academic institutions. Daxter graduated with a bachelor's degree, majoring in information technology, from RMIT University in Melbourne, Australia. He has been with Intergraph for eight years, and has prior sales experience in the banking and finance sector.

Alwi Al Hamid

Business Development Director, PT Everest Technology

Alwi is the Business Development Director for PT Everest Technology, and he is responsible for the overall operation of the company, and all aspects of the company business. He graduated from Trisakti University with a major in petroleum engineering, and has more than 8 years of experience in the industry.



Thomas J. Doran

Executive Vice President, Process, Power & Marine, Asia-Pacific, Intergraph

Tom is the Executive Vice President of Intergraph's Process, Power & Marine division in the Asia-Pacific region with responsibility for sales distribution and overall business operations. He has more than 28 years of experience in the technical computing business. This includes over 27 years with Intergraph in marketing, sales, and general management roles focused on providing software and engineering services to petrochemical, oil and gas, marine manufacturers, power generation companies, engineering contractors, and construction firms worldwide. Thomas holds a Bachelor of Science from Kansas State University. He is currently on the Executive Advisory Committee to the Board of Directors for the Engineering Construction and Consulting Association (ECC) based in the United States of America.



Ray Howarth

Engineering Director, Process, Power & Marine, Asia-Pacific, Intergraph

Ray is the Asia-Pacific Engineering Director with over 35 years of experience in plant design, and operations and maintenance. He has worked for Intergraph since 1989 in the Asia-Pacific Group, and has been involved in many major projects and implementations for engineering, procurement, and construction (EPC) companies and owner operators. Ray is currently responsible for SmartPlant Enterprise solutions throughout the region, and he advises on the solutions most suited to a company's requirements.

Johny Wahyuadi M. Soedarsono

Professor, Faculty of Engineering, Polytechnic Director, University of Indonesia

Johny is a professor in the field of corrosion science at the Faculty of Engineering in the University of Indonesia. He earned a Bachelor of Engineering, followed by a diplôme d'études approfondies (DEA) and a Ph.D. in Education from Ecole européenne de chimie polymères et matériaux, a French university. Johny was inaugurated as a professor at the University of Indonesia in June 2007, and since then, he has been an active and productive professor, producing 97 papers that have been published nationally and internationally. He has also won awards for his work, such as Best Researcher in the Field of Engineering from the University of Indonesia, and from World Bank Fund International Publications. Johny is also a technical advisor for several leading EPCs in Indonesia, and provides consulting services occasionally on material selection and aspects of corrosion management.



Intergraph Corporate Keynote and Process, Power & Marine in Asia-Pacific

Thomas J. Doran, Executive Vice President, Process, Power & Marine, Asia-Pacific, Intergraph

Innovation and increased productivity are the keys to succeeding during uncertain times. In this session, you will learn how Intergraph's Process, Power & Marine division is working with customers around the world to increase their productivity, accelerate their projects, and gain a competitive edge. Intergraph's SmartPlant® and SmartMarine® solutions are part of the broadest product portfolio available in the market, offering the future of engineering today to both engineering companies and owner operators.

During the keynote, several Intergraph customers and their success stories will be highlighted as examples. These stories include in-production use of Intergraph's SmartPlant 3D and SmartMarine 3D, the only new 3D solutions offered to the process, power, and marine industries in 20 years. Customers using these solutions report more than 30% productivity gains – extremely important in the challenging business environment facing our industries. This session will also provide an update on the division's performance, and priorities for this year and the future. With over 40 years of innovation, stability, and market leadership, this session will demonstrate why Intergraph is a proven and dedicated partner for its customers.

Process, Power & Marine Innovations

Ray Howarth, Engineering Director, Process, Power & Marine, Asia-Pacific, Intergraph

This session will provide an update on the division's technology advances in the last year, plus a few glimpses of what is in store for the future. You will see a demonstration of Intergraph Process, Power & Marine technology, and learn how it helps build a smarter, better industry.

Importance of Technology for Safety and Corrosion Management of Process Facilities

Johny Wahyuadi M. Soedarsono, Professor, Faculty of Engineering, Polytechnic Director, University of Indonesia

Safety is absolutely key in any design of process facilities, and it is relevant to all industries. A large amount of unforeseen incidents that occur in process plants are related to corrosion and erosion, and corrosion management is therefore essential to maintain the integrity of the facility. It is critical to ensure that safety considerations are part of the design, and effective corrosion management methods are implemented. This session will highlight the importance of technology, and how the latest developments can improve safety and corrosion management, which will reduce risk, improve productivity, and reduce costs.

Engineering & Schematics Procurement, Fabrication & Construction

SmartPlant Engineering & Schematics – Today and Tomorrow

Frank Joop, Intergraph

This session will highlight the latest updates on Intergraph engineering and schematics products. You will discover the new functionality and improvements to existing capabilities of SmartPlant P&ID, SmartPlant Instrumentation, SmartPlant Electrical Basic, SmartPlant Electrical Detailed, and SmartPlant Process Safety. Interfaces to Intergraph's partners, such as Endress+Hauser, ETAP, and Emerson, support workflows and enhance the value of the solution offering. You will learn more about comparing P&IDs, isometrics and the PDMS 3D model, and the enhancements to the SmartPlant Isometrics suite. New SmartSketch® enhancements better support the engineering work process, making it the perfect drawing tool for SmartPlant 3D. Finally, this session will provide an update on Intergraph's overall engineering and schematic solution suite, along with future plans.

SmartPlant Electrical – From Engineering and Design to Validation and Operations

Thomas Duerr and Chang Chee Chai, Intergraph

Electrical engineers have the task to serve the demands from other disciplines such as mechanical and control systems, and others. Given that the electrical design comes late in the project cycle, it is critical that electrical engineers can react quickly, and make any changes in demands efficiently and consistently. This session will highlight an example of the execution of an electrical workflow. You will learn how electrical conceptual designs can be expanded through the use of Intergraph's electrical solutions. This session will demonstrate the creation of the design, the deliverables, and how updates/changes can be made quickly throughout the design. By ensuring that you can make the right decisions early, you can validate the design using the rules within SmartPlant Electrical, and the bi-directional interface with ETAP for a comprehensive analysis. The data created during the project can then be leveraged in the operational phase of the projects, helping to facilitate the handover and onsite use in operations and maintenance. In this session, you will learn how Intergraph's electrical solutions and interfaces ensure the entire process is done efficiently, consistently, and to your electrical design standards.

SmartPlant Materials and SmartPlant Reference Data Product Updates

Vineesh Gupta and Neeraj Saxena, Intergraph

Key factors in the market-share growth of SmartPlant Reference Data and SmartPlant Materials include flexibility, combined with rich and comprehensive functionality, reflecting industry best practices. This session will focus on the continuing, market-driving development strategies for SmartPlant Reference Data and SmartPlant Materials, and major enhancements in the latest versions. Some of the 2011 enhancements include better integration with Smart 3D, APIs for materials tracking at the job site, and the availability for more content for SmartPlant Reference Data.

SmartPlant Construction Overview and Product Update

Tim McDavid and Callum Ford, Intergraph

This session will discuss the key factors of current SmartPlant Construction product functionality, and its future roadmap. The Intergraph solution has grown based on partnerships with construction industry experts during its development cycles. In this session, you will learn about SmartPlant Construction's short-, mid-, and long-term development strategies.

SmartPlant P&ID Design Validation and SmartPlant Isometrics for Inspection

Santosh Raghavan, Intergraph

SmartPlant P&ID Design Validation is a powerful solution that compares the contents of a P&ID with the piping isometrics created in the SmartPlant Isometrics format. It can validate P&IDs against isometrics created by most plant design solutions available in the market, including Smart 3D, PDS®, or CADWorx®. In addition, SmartPlant P&ID Design Validation can validate P&IDs against the PDMS 3D model for data and topology, offering reports and documentation to communicate and manage the findings in differences between the design basis and the isometrics, and PDMS models. In this session, you will learn how SmartPlant P&ID Design Validation can help you to drive consistency, reduce risks, and increase quality in operations by offering up-to-date and accurate, accessible information.

SmartPlant Engineering & Schematics – The Value of Automation

Chang Chee Chai, Intergraph

The engineering and plant operation industry is a competitive environment. SmartPlant Engineering & Schematics solutions are aimed at helping your business and your bottom line. Intergraph offers an automation capability that enables you to tie in external tools, and build your own value add-ons to the SmartPlant Engineering & Schematics solutions. Many Intergraph customers have taken advantage of this automation layer to link in line-sizing tools, build utilities to create standard designs fast, build components like control valves and loop-based parameters, and so on – the possibilities are endless. This session will highlight examples from the winners of the Platinum Pipe competition that have utilised this automation. You will learn how you can maximise the benefits of SmartPlant Engineering & Schematics solutions through automation, giving you the opportunity to be best-in-class for the competitive advantage.

Using SmartPlant Reference Data for Managing Catalogue and Pipe Specifications in Smart 3D

Vineesh Gupta and Neeraj Saxena, Intergraph

SmartPlant Reference Data is a powerful application for maintaining catalogue and pipe specifications for Smart 3D and other enterprise uses. This session will highlight the benefits of using SmartPlant Reference Data for managing Smart 3D specifications, including the direct interface between SmartPlant Reference Data and Smart 3D.

SmartPlant Materials – Web-enabled

Vineesh Gupta and Neeraj Saxena, Intergraph

SmartPlant Materials is a total web solution that addresses the unique materials management challenges for project execution in the power, process, and marine industries. As a complete web solution, this means that all partners (EPCs, vendors, third-party subcontractors, fabricators, inspectors, freight forwarders, and more) can participate and collaborate through the supply chain to ensure successful project completion. In this session, you will learn how several workflows that involve outside partners can be successfully performed.

Enterprise

Enterprise Product Update

Ray Howarth, Trent Pope, and Allen Egnor, Intergraph

This session will cover the core product additions to SmartPlant Foundation, which supports enterprise integration. New product capabilities to support solution templates include an enhanced and role-based SmartPlant Foundation Web Portal, new core view and markup technologies in SmartPlant Markup Plus, and an extension of Intergraph's domain technology to consolidate plant data for fast access. Data Validation, Transformation, and Loading engine technology quickly readies the mass of data received from the value chain to load into operational systems.

This session will also cover updates to Intergraph's SmartPlant Enterprise for Owner Operators solution templates, which provide out-of-the-box, preconfigured work processes, and interoperability with third-party operations systems to decommissioning. The session will feature the latest additions and enhancements to the SmartPlant Enterprise for Owner Operators solutions, including the fast-track SmartPlant Enterprise for Owner Operators implementation process, ongoing development, and future focus areas. You will learn how these developments can reduce OPEX and CAPEX costs, and improve plant safety and reliability.

Electronic Document/Data Management System Implementation Challenges in a Plant Operations Environment

Joseph Annadass, BP PETRONAS Acetyls Sdn Bhd

In this session, you will learn about the challenges faced during BPPA's project phase when capturing documents/data while implementing its Electronic Document/Data Management System (EDMS), comprising scanned documents, intelligent P&IDs, intelligent instrumentation data, and other data formats, all of which are hosted and integrated via SmartPlant Foundation. BPPA will also highlight the benefits derived from these smart systems during the operations and maintenance phase of its facility.

SmartPlant Enterprise for Owner Operators – Business Processes

Ray Howarth, Intergraph

SmartPlant Enterprise and SmartPlant Enterprise for Owner Operators provide template, best-practice business processes that can be rapidly adjusted and deployed by customers. This approach has been welcomed by the industry, and is very successful globally. This session will focus on a selection of preconfigured business processes that are available today, as well as those envisioned and available in the near future, explaining the business value and current status, enabling you to achieve rapid success.

Rapid Capture, Organisation, and Management of Unstructured Information in Brownfield and Vendor Document Applications

Trent Pope and Allen Egnor, Intergraph

Even in today's world, no matter how much you plan, execute, and operate with the intention to work in a truly data-centric environment, you will always face the requirement to handle unstructured information. SmartPlant Foundation has long been relied upon by the industry to handle structured data and documents for engineering projects and operations. However, not many customers fully utilise its capabilities to provide simple access to the myriad of unstructured information found in projects and operational environments.

In this session, you will learn how SmartPlant Foundation can be leveraged to accommodate unstructured data, bring information from sources ranging from scanned images, PDF files, through to non-intelligent CAD files, by making use of various technologies such as OCR-ing, intelligent recognition, and thumbnails to enable quick and simple navigation of complete project and plant information. This session is a must for any owners dealing with brownfield/legacy information or EPCs dealing with information such as vendor documents, but at a loss on how to extract value, and manage these sources in a simple and cost-effective manner.

SmartPlant Process Safety – Design Safety into Your Plant

Frank Joop, Intergraph

Building and operating a plant safely is essential for the business, environment, personnel, and business image. Making safety a part of the design process can prevent short- and long-term costs. SmartPlant Process Safety can assist in making the right decisions early during the design phase to accomplish corporate safety goals. It addresses four safety aspects for your facility: process safety, personnel safety, facility safety, and environmental safety. In this session, you will learn how to design safety into your plant. Find out how SmartPlant Process Safety's rules and capabilities, such as validating the P&ID design against API/ISO safety practices, and assessing risks through HAZOP studies, can help you make those safe design decisions. This ensures your plant will operate under safe conditions, while keeping costs down and staying on schedule as planned.

SmartPlant Enterprise for Owner Operators – Handover Strategies

Ray Howarth, Intergraph

The handover of data and documentation from a contractor to the owner operator can be a very expensive and time-consuming affair. Ensuring a high-quality handover is essential to ensure safe, efficient, and sustainable operations. In 2010, Intergraph introduced the Validation, Transformation, and Loading (VTL) tool to validate data being received from Intergraph or third-party systems. With the increasing success of SmartPlant Enterprise and SmartPlant Enterprise for Owner Operators, customers have requested a simplified approach to handover of data between organisations that use Intergraph technologies.

Intergraph's new Handover solution supports both incremental and final handover of data and documentation between contractors, or between contractors and the owner operator, where parties use our SmartPlant Foundation data warehouse. In this session, you will learn how integrated 3D model information, intelligent 2D schematics, tag registers, and vendor documents can be selected in one SmartPlant Foundation system for handover, and simply loaded into a target SmartPlant Foundation system retaining intelligent graphical navigation, with full traceability, and without compromising work already done in the receiving system. VTL and Handover solutions are two complementary tools, which together can reduce the costs and time needed for handover, ensure a high-quality deliverable for operations, and reduce the risk of late start-ups through lack of information availability.

Enterprise Web Portal

Trent Pope, Intergraph

This session will provide an introduction to the next generation of engineering portal access, and allow you to learn more about Web Portal's functionality. Today, SmartPlant Foundation incorporates the Web Portal to allow access to integrated engineering information to a wider community of users that do not have access to the originating authoring tools. You will learn how you can navigate this highly inter-related data set with a simple point-and-click data navigation style, as well as the opportunities the portal provides for collaboration with partners and suppliers.

SmartPlant Enterprise Solutions for the Power Industry

Ray Howarth, Intergraph

This session will provide an update on Intergraph's latest power generation-oriented SmartPlant Enterprise solutions for use in the design, construction, and operation of nuclear and thermal power plants. You will learn about updates, including design tools and information management.

3D Engineering

3D Modelling & Visualisation Product Update

Douglas Clark and Najaf Bashir, Intergraph

Intergraph has added significant new features to its 3D Modelling & Visualisation solutions that are designed specifically to increase productivity and enhance performance. This session will discuss the business and technical benefits of the new features in 2010 and 2011 releases for SmartPlant 3D, SmartMarine 3D, SmartPlant 3D for Materials Handling, PDS, and SmartPlant Review. You will explore how to improve their engineering designs, and take full advantage of the latest software and upcoming releases.

Leica Geosystems – Smart Scanning for Smart Design

Freddie Nodalo, Leica Geosystems

High-definition surveying (HDS) or 3D scanning presents a combination of hardware and software technologies, and workflows for the plant, process, and marine industries, for accurate, as-built, clash-free design, asset management, constructability studies, and beyond. Commercialised in 1998, today, Leica Geosystems is the largest supplier of HDS technologies to owner operators and EPCs worldwide – directly or through a global network of professional service providers. Vast improvements in technology allow users of HDS data to extract significant value through smart scanning workflows for smarter design via integration with SmartPlant 3D and SmartPlant Review software platform. This session explores the various facets of the technology, and demonstrates through case studies the benefits of using HDS in the plant, process, and marine industries.

SmartMarine 3D 2011 and Beyond – Offshore Engineering

Najaf Bashir, Intergraph

This session will highlight SmartMarine 3D's success in the offshore industry, and explore the new features available in Version 2011 and later releases. You will learn more about geometric construction, offshore nodal connections modelling through parametric macros, rule-based parts management, and new member end-cuts, which reduces time and cost of implementation.

Modular Design and Construction with Smart 3D

Douglas Clark and Najaf Bashir, Intergraph

Modular construction drives lower labour costs, but only if the pieces arrive on time, and they fit. In this session, you will learn about Intergraph's modular construction tools for designing, planning, visualisation, and dimensional control.

Smart 3D – Downgrade to and Upgrade from PDMS

Douglas Clark, Intergraph

There are a number of situations in which it is required to be able to upgrade a PDMS model to Smart 3D, or to downgrade a Smart 3D model to PDMS. This session covers these situations, and the technology that Intergraph has developed. You will learn how Intergraph has enabled projects to take PDMS models and upgrade them to Smart 3D for use as the basis for detail design. You will also learn how you can manage a downgrade to PDMS from Smart 3D, so that a project can be delivered to customers who wish to keep their projects in the legacy format, while still executing as efficiently as possible with Smart 3D.

Choosing SmartPlant 3D

Budi Santoso, PT. BATAN

After an extensive survey of the available 3D engineering and design solutions in the market, PT. BATAN decided to choose SmartPlant 3D for detailed design. This decision was based on a comprehensive set of evaluation criteria that the company had when deciding on the solution. This session will give an overview on PT. BATAN's company background, and its process of selecting the most suitable 3D engineering and design solution for the company.

3D Model in Production – From PDS to SmartPlant Enterprise

Raditya Joko Aryanto, PT. Inti Karya Persada Teknik

In this session, PT IKPT, a leading EPC company in Indonesia, will share its application of 3D modelling software in project execution, highlighting its experiences, the benefits, and lessons learnt. You will see a demonstration of the actual application on a live project. PT IKPT will also present the current status of engineering tools, and the future direction it intends to take in applying various engineering systems.

Experience in Utilising SmartMarine 3D for Jackup Design

Phan Thanh Son, Petrovietnam Marine Shipyard Joint Stock Company

In this session, PV Shipyard will share its experience on using the SmartMarine 3D system for its first 90-metre jackup rig design. You will learn more about the modelling and production of design and fabrication deliverables. This session will also cover PV Shipyard's expansion of Intergraph technology from SmartMarine 3D to other SmartMarine Enterprise solutions.

Utilising Smart 3D for Design of Offshore Facility

Duong, Credent on behalf of Vietsovpetro

This session will highlight Vietsovpetro's experience in using Smart 3D for the design of its offshore facility, and its subsequent extraction of design deliverables.

SmartPlant 3D Customer Case Studies

Santosh Raghavan, Intergraph

This session will feature customer examples of the implementation and production use of SmartPlant 3D. These were recently shared at the Hexagon 2011 international conference in Orlando, USA.

Fluor: SmartPlant Enterprise – Global Deployment at Fluor

Fluor has deployed SmartPlant Enterprise on multiple production projects globally. You will learn about the many different aspects of Fluor's deployment efforts, such as the office readiness process, building a community of subject matter experts through training services, SmartPlant 3D projects in production, and leveraging automation opportunities.

Grenland Group: SmartPlant Enterprise in Offshore Revamp Projects

Over the last four years, Grenland Group has implemented the SmartPlant Enterprise solutions portfolio on offshore and marine projects. Particularly for revamp projects on existing offshore installations, SmartPlant Enterprise has been a very important part of Grenland Group's daily workflow in delivering successful projects. You will learn about the implementation process, leading up to the full use of SmartPlant Enterprise, including SmartPlant 3D, in revamp offshore projects.

ORLEN Projekt SA: SmartPlant Enterprise Productivity in the EPC Marketplace for ORLEN Projekt

For the past six years, ORLEN Projekt SA has entered new markets in the form of complete EPC investments. The first units designed using SmartPlant Enterprise tools have already been built. You will learn about the challenges that ORLEN Projekt has faced, and how it managed those issues. Topics to be discussed include major expectations and milestones, in addition to a description of how SmartPlant 3D and other SmartPlant Enterprise components promoted recent project execution.

Intergraph 2011 Asia-Pacific Sponsor

CAXperts

CAXperts develops standardised and customised software solutions, and is well-known for its professional consulting services. These span from business analysis to system architecture, system implementation (including integrations and customisations) to system hosting, and content management to project support services. All the activities are built on Intergraph's SmartPlant and PDS products. The specialty of CAXperts is the development of useable, workflow-oriented, and efficient IT solutions for increased productivity. The expertise of CAXperts has been proven in innumerable projects around the world. The company has offices in Germany and Singapore, with sales agents in Canada and India.



Intergraph 2011 Southeast Asia Sponsors

AceCad

Established in 1986, AceCad Software Limited is a leading supplier of software solutions to the international structural steel industry. One of the company's key products is StruCad, which provides a powerful managed workflow environment that enables complete interoperability with Intergraph's Smart 3D solutions. With core business areas in the building and construction, and plant industries, AceCad products have consistently transformed its customers' businesses in the steelwork fabrication supply chain. AceCad has over 2,000 customers in 80 countries, with international operations in over 20 offices, supporting a global network of sales, support, and services.



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SmartPlant® Enterprise for Owner Operators provides out-of-the-box integration and preconfigured, best-practice work processes. It enhances turnaround planning with accurate plant data and reduces the risk of losing critical asset intelligence due to a retiring work force. You can keep your maintenance data auditable and better manage the procurement of replacement parts. Increase "wrench-time" by eliminating painstaking information searches. Significantly reduce downtime from plant walkdowns and data validation. And improve safety with better configuration management and ensured data consistency.

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INTERGRAPH 2011 SOUTHEAST ASIA

Building A Smarter World

