



Panel: Business Value to the Enterprise of the PI System Real-time Infrastructure

Moderator:
Dr. Gretchen Schwenzer

Enterprise PI System

- Business Value
- CIO Issues
- Technology Issues
- Questions from Audience
- Panel represents 5 of the 6 major industry groups

Carlo Volpones – Polimeri Europa

- Industry Chemicals
- Since 1989 Carlo Volpones has been with the ENI Group. At Polimeri Europa in the IT Department since 1995. He was Manger of the first PI installed in Polimeri (1997), the PI-SAP Program Executive in 1999 for the company roll-out of the Integrated SAP to Factory Floor Solution and head of Polimeri IT Solutions for the Operations (Production, Engineering and Quality). Since 2008 part of the ENI ICT (IT group) for the Petrolchemical
- History of OSIsoft
 - 6 Original plants integrated with SAP in 1999
 - 12 plants currently with PI System
 - Current Project is Collaboration Portal using Sharepoint

Richard Wernsing - Public Service Electric and Gas Company

- Industry Power & Utilities
- Reliability Centered Maintenance Expert at PSE&G. His responsibilities include their strategic long-range asset management focus on electric distribution, substation and transmission equipment. The extensive knowledge and technical expertise Mr. Wernsing acquired during 40 years at PSE&G in the delivery, transmission and production of electricity, computer and telecommunications support, has enabled him to develop a PI System-based Computerized Maintenance Management System that provides Condition and Criticality Assessment.
- PSE&G wins National Reliability Excellence Award 2008; named America's most reliable utility, holds Reliability award for Mid Atlantic States for last 7 years
- History of OSIsoft
 - Fossil PI in 9 Generating Stations, first systems installed in mid 90s
 - Nuclear 3 PI Systems installed in late 90s Users of RtWebParts
 - Energy Trading Transmission. PI System with a significant number of applications, including customer operations, Outage Management System (OMS), Stock & Weather data.
 - Delivery (T&D, CMMS)
 - PI System-based Computerized Maintenance Management System integrated with SAP 2001
 - Reliability Centered Maintenance Portal Sharepoint- 2008

Terry Murphy - Centocor Biologics Ireland / Johnson & Johnson

- Industry Pharmaceutical
- Currently the IT lead for the Biologics MES initiative whose scope involves delivering a global MES solution to four of our biologics sites with OSI PI selected as a key enabler providing a common process data presentation layer. 2005-2007 Managed the automation department at Centocor Biologics Ireland through design, commissioning and qualification. Responsibilities included managing the design, implementation, and maintenance of automated control systems in line with cGMP requirements.
- History of OSIsoft
 - Users of PI System, Sharepoint and SAP
 - Currently Corporate MES Project where PI System will be Realtime Infrastructure

Tom Bolen - Sappi, NA

- Industry Pulp & Paper
- Tom holds degrees in Computer Information Systems, Electronic Engineering Technology and Business Administration. His work experience includes 6 years in Electrical Utility doing engineering and maintenance, 3 years in Mining Operations and 23 years in Pulp and Paper. He was project Manager for MES rollout and currently IT Manager Somerset operations, Sappi NA
- Sappi Fine Paper North America Named as CIO 100 Award Honoree for Excellence in Information Technology -2008
- "The solution incorporated data from various systems namely plant floor control, quality, Mill Execution (MES) and ERP systems which resulted in a single view of costs and input material usage. "
- History of OSIsoft
 - Purchased first PI System in 1987, owned 3 of first 100 systems
 - In mid 1990's migrated from VAX to Window's systems
 - These systems are used for real-time data collection and analysis by engineers, operators and management
 - Production integrated with SAP 2004 with SAP upgrade project and MES project

John de Koning – Shell Nederland Chemie B.V

- Industry Oil &Gas
- Global lead Operational Data Historians and Ensure Safe Production systems Started with Shell 31 years ago
 - Education in Process Technology and Information Technology
 - 8 years in a operational job
 - 3 years as a System Manager of legacy historians and control systems
 - 3 years combined Control Engineering/Application Development
 - 5 years Manufacturing Information Analysis and Application development
 - 4 years IT project management implementing OSI-PI historians
 - 2 years Finance (IT Management Information)
 - 6 years Manufacturing IT Management in Global leadership roles
- History of OSIsoft
 - Systems 690, 734, 735 shipped Aug-Nov, 1994
 - Shell has installed 150+ PI systems, in 25 countries spanning 5 continents. These systems are in Shell's major entities, which include Exploration & Production, Downstream & Chemicals, Gas & Power, Pipeline & Global Solutions.
 - In 2007, Shell executed an Enterprise agreement with OSIsoft, adopting a global architecture and infrastructure standardization strategy. With the Enterprise Agreement, Shell has several projects underway with OSIsoft's CoE and are in the process of Managed PI Implementation.

Panel

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- Richard Wernsing Public Service Electric and Gas Company
- Terry Murphy Centocor Biologics Ireland / Johnson & Johnson
- Tom Bolen Sappi, NA
- John de Koning Shell Nederland Chemie B.V

