



Leveraging OSIsoft RtPortal and SAP NetWeaver to Enhance and Extend EAM

George Muller

Opening Video

The Agenda

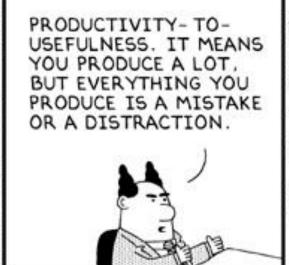
- Why
- What
- Demo
- How / Architecture
- What's Next
- Key Points



The Business Objectives ...

"It becomes a major role of (management) to kind of herd the cats in and make them all line up in a reasonable way," Barry Wilderman, Meta Group.







© UFS, Inc.

... Alignment yielding <u>Useful</u> Productivity Improvement



About Conectiv Energy

- PEPCO Holding Inc. (PHI), a Fortune 300 investorowned utility based in Washington, DC, USA
- Conectiv Energy owns and operates generating facilities in New Jersey, Delaware, and Pennsylvania.
- Using SAP since 1997, OSIsoft PI since forever.
- Conectiv Energy markets its energy and capacity into the competitive PJM market
- PHI, through its regulated delivery businesses, Conectiv Power Delivery and PEPCO, serves the Greater Washington DC area, Delaware Peninsula and New Jersey

Make Electricity and Trade Commodities in a Competitive Market

Impact of the Deregulation

Deregulation presents challenges and opportunities:

- Competitive business operations
- New plant, employees, culture, processes
- Old and new IT systems
- A vision of a common operating platform



The Operational Challenges

- Equipment information
- Maintenance System (EAM) adoption
- Integration of systems

Timely information to a broad audience

Requires a new strategy...



EAM Strategy – Key Requirements

- Leverage systems investments
 - -SAP
 - OSIsoft PI
- Support the new culture
- Enable new work processes
- Integrating & Extending Information
- Build a platform for the future
- And



Managing User Expectations







Copyright 3 2003 United Feature Syndicate, Inc.



Stakeholder Perspectives



Plant Management

- Bottom line \$
- Process enablement
- Productivity
- Culture
- Plant status
- Reporting



- Accurate, integrated information about equipment, materials and work.
- Tools to aid work planning.



Engineering

- Equipment work history & status
- Parts & materials information
- Real Time Performance data

Operators / technicians

- Notification reporting
- Information about equipment and work
- Operational Data

ΙT

- Meeting business needs
- Leveraging systems & skills
- Standardization
- Building toward the vision



Our Solution to Meet the Challenges: SAP NetWeaver, NRX VIP/ACM, and OSIsoft

- Enhances SAP PM and MM usability
- Leverages investments in EAM and PI
- Provides timely information

RtBaseLine / WebParts

- Integrates information and function
- Improves Productivity
- Provides fast ROI
- Simplifies maintenance processes
- Enables the culture
- Establishes new platform



A Short Story in Virtual Reality





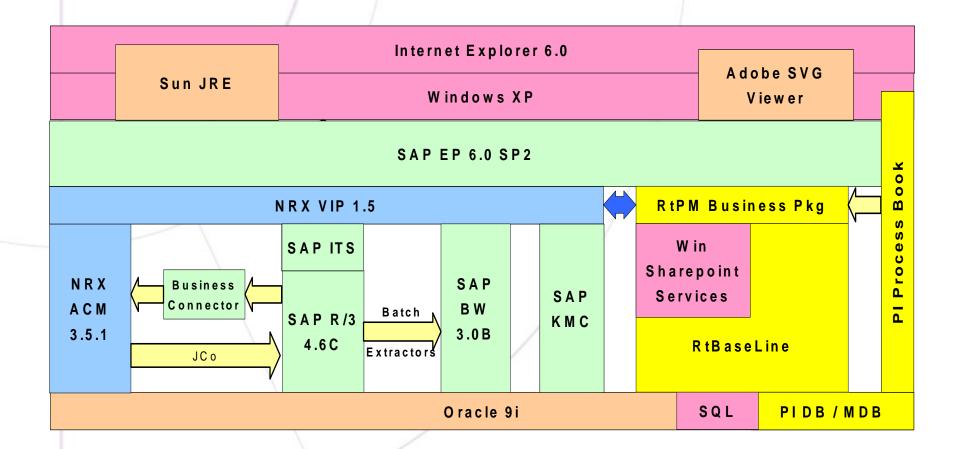
"Live" Demonstration of OSIsoft iViews at Conectiv Energy

Getting There

- SAP NetWeaver
- NRX ACM/VIP
- OSISoft RtBaseLine



Building The Environment





The Value Proposition

- Who are the users?
 - Power Users
 - Casual Users
 - Management
- Deployment
- Licensing
- Extending Information
- Integration with PM

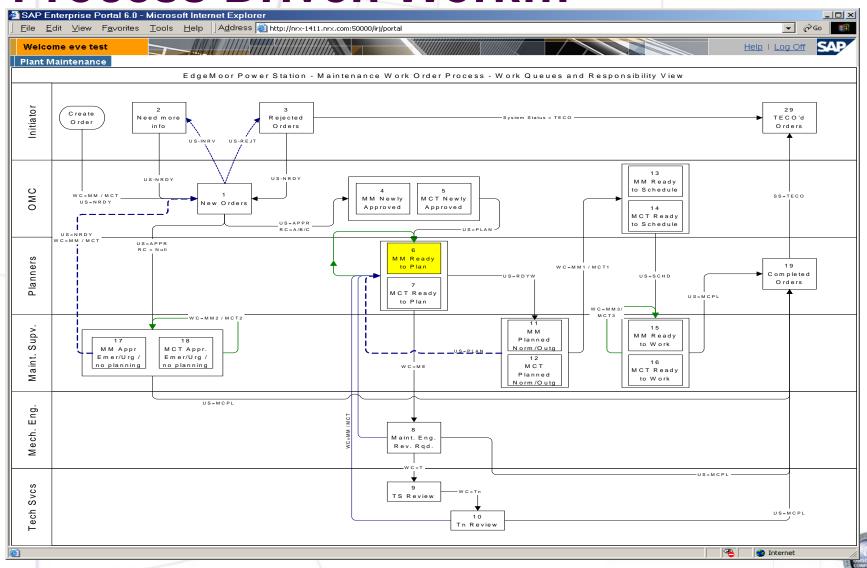


In the Works ...

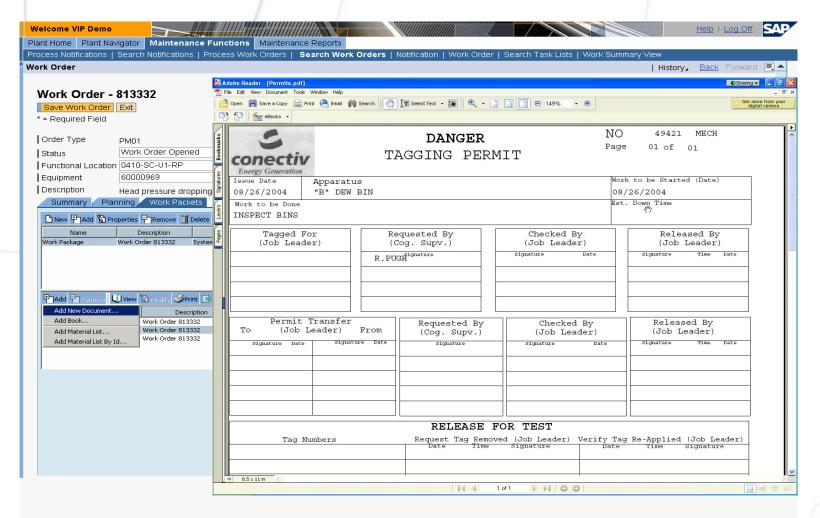
- Expansion to other plants
- A different Value Proposition ...
- Process enablement
- Application integration
- Yielding worker productivity and accountability



Process Driven Work...

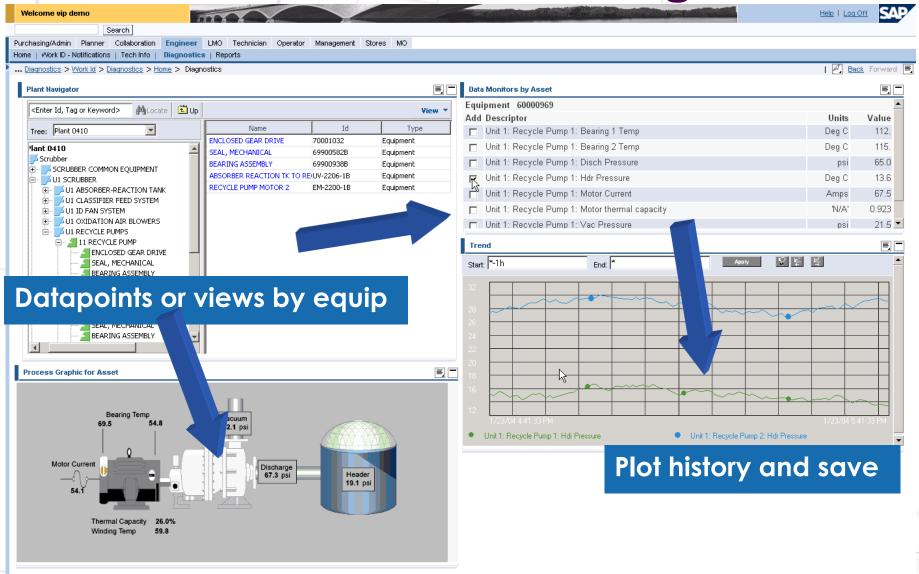


Application Integration





Real-time Information Integration



Key Points

- Portal Strategy / Field of Dreams
- Stakeholder involvement
- Imagination
- NGNG
- Expect potholes
- It is easier than it looks
- Value enabling people





Thank You? Questions?

For More Information: george.muller@conectiv.com