

RtPMM

# RtBaseline

The Foundation of Real Time  
Performance Management

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# RtBase(RtBase in Marketing \*)PI

- PI Server
- Data Access Package
- System Management Tools
- Vast Interface Catalog
- Alerts and Diagnostics
- With...

# Enterprise Emphasis

- Better Player in the Enterprise
- “The” source of time series data to RtPM



# PI Server

- PI 3.4
- Scalable to millions of points
- Support for 100's of users



# PI Server

- PI 3.5 Features
  - Security
    - Single Sign-on
    - Better Integration with Network Operating Systems
    - LDAP
    - ACL
  - No Data loss
    - Certified Mail Delivery of Events to Archive

# PI Server

- PI 3.5 Features
  - Backup/Restoration
    - Volume Shadow Services
  - Health check & diagnostic services
  - Replication & aggregation services
  - Faster access to point and module databases
    - (Secondary indexes)
  - Storage Area Networks (SAN)

# Scenario

- Explore new features using a scenario audience members may have experienced
  - Acquisition of a power plant
  - They do not have PI
  - Need to install PI ASAP





# OSIsoft Interfaces

- Got to get the data!
- Catalog of over 385 Interfaces
- Interfaces are focusing on industry standards
  - OPC
  - 5 Developers dedicated to OPC



# OSIsoft OPC Products

- OPC DA Client
- OPC Alarms & Events Client
- OPC HDA Server for PI
- OPC Tag Configurator
- OPC APS Connector



# OPC Products in Development

- OPC HDA Client
- OPC HDA COM Connector
- OPC DA Client History Recovery



# OPC Interface Installation Demonstration

- Andy Singh
  - OPC Interface team member



# OPC Interface Demo Wrap-up

- How do you know it is working?
- What is the data rate?



# System Management Tools

- Manage many PI Systems from central location
  - Configure
    - Module database
    - Points
  - Monitor performance and health



# PI Module Database Builder Demonstration

- Brian Young
  - Clients Development team member



# MDB Builder Demo Wrap-up

- Effective date support
- Significance of MDB configuration





# Are we good, or what?

- Interface is installed and collecting data
- MDB Structures are in place
- Get others to configure:
  - Reports
  - Displays
  - Web parts



# PI Health Check & Diagnostic Services Demonstration

- Benny Gallardo
  - Clients Development team member



# PI Health Check & Diagnostic Services Demo Wrap-up

- System Management Tools
- Notified of problem
- Isolated problem
- Fix the problem?



# PI Health Check & Diagnostic Services Demonstration

- Denis Vacher
  - PI Server Development team member



# PI Health Check & Diagnostic Services Demo Wrap-up

- Vision of health check & diagnostic services



# RtBaseline: Foundation of Real Time Performance Management

- RtBaseline is PI
  - Interfaces
  - Data Access Package
  - SMT
  - Alerts & Diagnostics
  - PI Server
- Enterprise focus
  - Focus will help all customers



# RtBaseline

The Source of Time-series data  
for the RtPortal



DISCOVER YOUR PORTAL TO PERFORMANCE





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