



# **Achieving Success with Emerson and OSIsoft Technologies**

**Bas Mutsaers**

Business Systems Consultant

# Emerson and OSIsoft in Business

- Emerson NOT a product company....
  - Meet Emerson Process Solutions
  - We keep the balance between theory and practice when using RtPM and Standards in your operations
- Our OSIsoft Partnership
  - Creates value through years experience and joint development
  - Some of our RtPM Customer Examples
- Integration -> DeltaV to RtPM
  - Protocol converter released
  - Connection with RtPM clients

VALUE NOW, VALUE OVER TIME



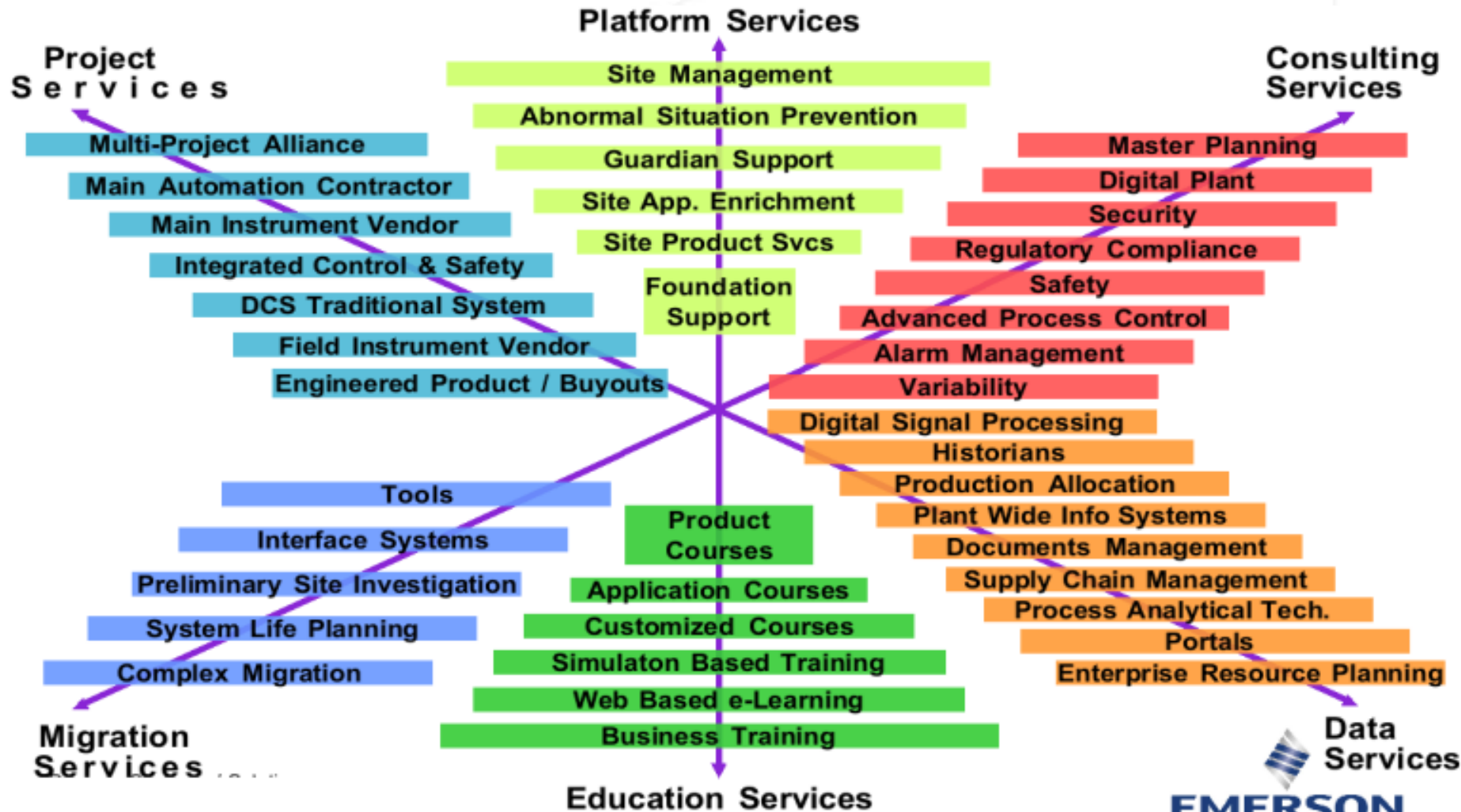


*Emerson FEED Work Process*

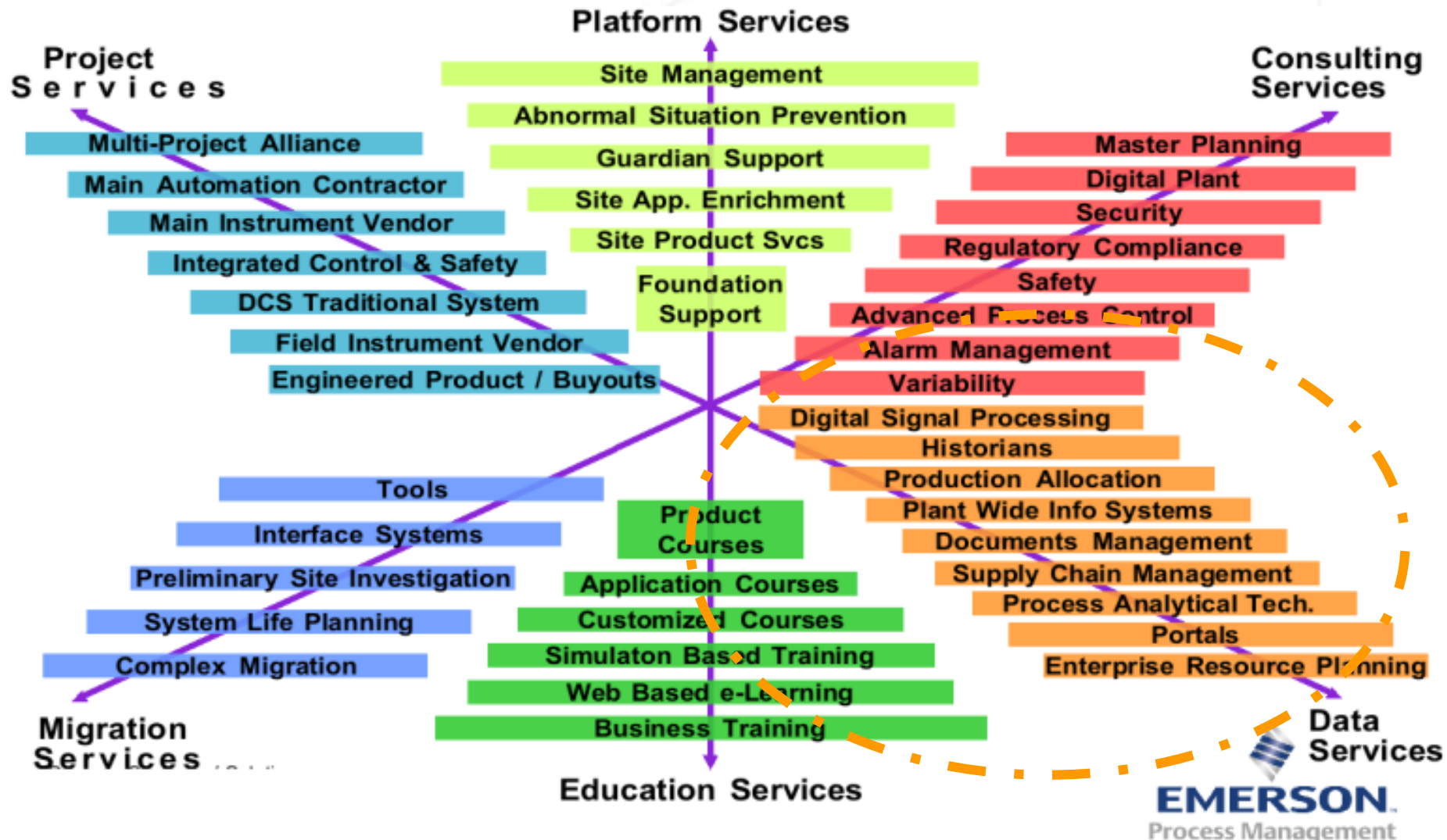
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# Emerson Solutions Services



# Emerson Solutions Services





# We Have The Best Experts In The Field



S

Project Alliance

Main Automation Contractor

Main Instrument Vendor

Integrated Control & Safety

DCS Traditional System

Field Instrument Vendor

Engineered Product

Tools

Interface Systems

Preliminary Site Investigation

System Life Planning

Complex Migration

on

S



Platform Services

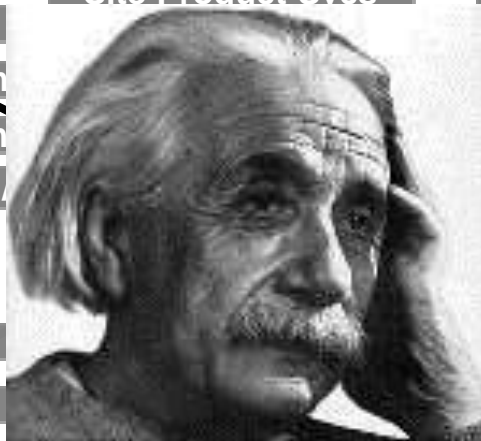
Site Assessment

Abnormal Situation Prevention

Guardian Support

Site App. Enrichment

Site Product Svcs



Application Courses

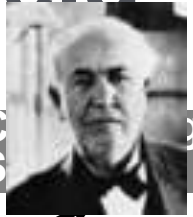
Customized Courses

Simulation Based Training

Web Based e-Learning

Ed

es



CS

Master Planning

Digital Plant

Security

Regulatory Compliance

Safety

Advanced Process Control

Plant Management

Variability

Signal Processing

Historians

Production Allocation

Plant Wide Info Systems

Documents Management

Supply Chain Management

Process Analytical Tech

Portals

Enterprise Resource



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# Solutions Integrated Using OSIsoft

## Honeywell

- TDC3000
- TDC 2000
- Scan3000
- PHD

## Emerson

- DeltaV (+Batch)
- RS3
- CHIP/PROVOX
- Daniel's Metering

And more....

## Siemens

- Teleperm M/ME
- Teleperm XP
- WinCC
- PCS7
- SICOMP

## Yokogawa

- Centum CS 3000
- Exapapi
- ExaOPC
- ACG
- DAQLogger
- ExaQuantum
- FAST TOOLS

## ABB

- Bailey Infi90
- Bailey system6
- Advant
- Procontic DP 800

## Others

- RelDB
- Batch fl
- DAP PI Server
- Custom Interfaces
- Citect SCADA
- Intellution FIX
- SAP
- Maximo
- WILAB
- APS
- Wonderware Intouch
- Phoenix Contact Interbus
- RTAP
- Bentley Nevada,
- GE Cimplicity – OPC
- PLC's incl. Schlumberger & Chessels.
- LIMS
- Operator Logbook

## Aspentech

- InfoPlus 21
- SETCON

## Foxboro

- Fox I/A51 Unix
- I/A 70 NT

## ABB

- Bailey Infi90
- Bailey system6
- Advant

# All industries



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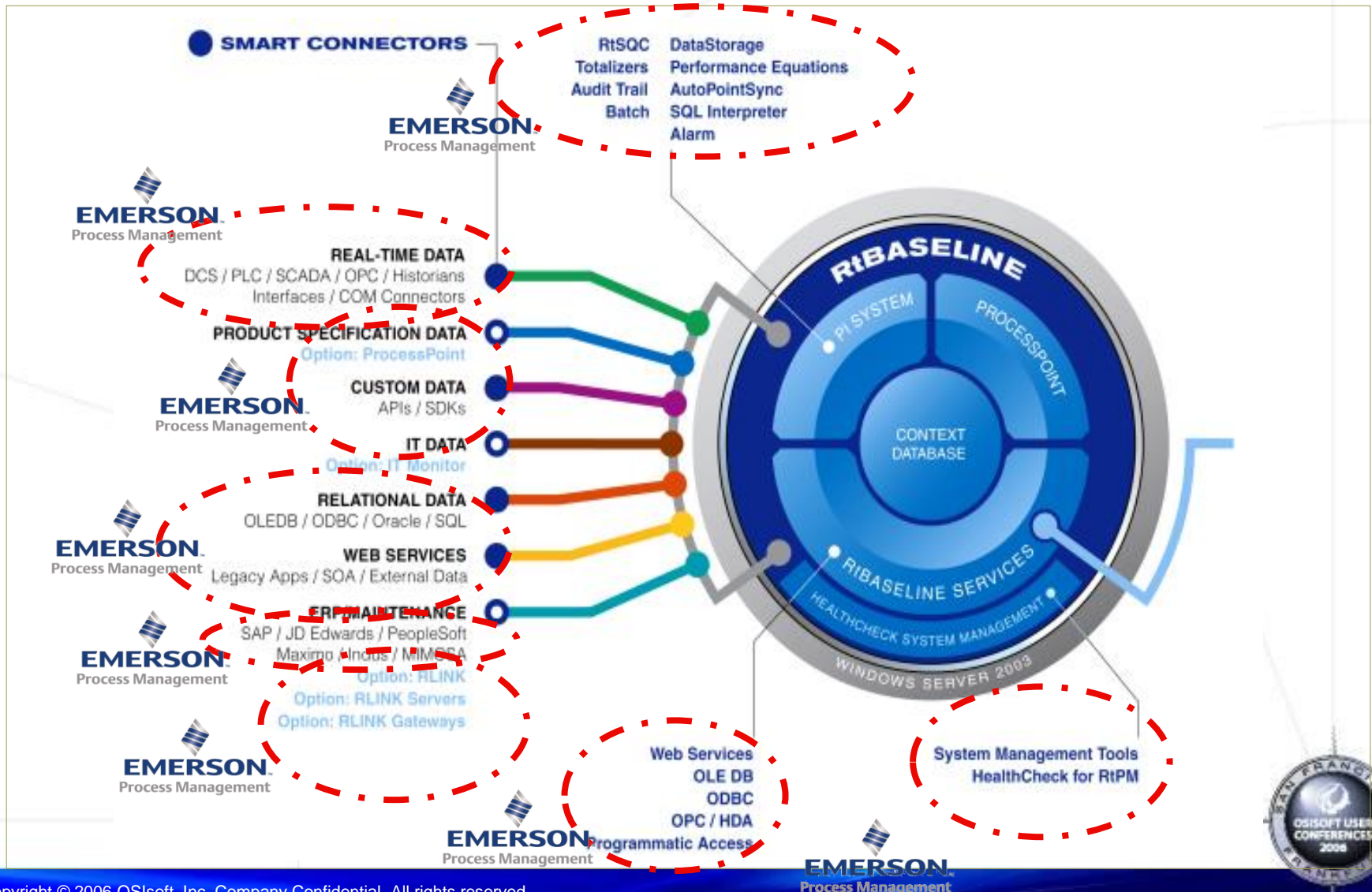




# A Few References MES Europe



# We've Worked Worldwide With All Products



# We've Worked Worldwide With All Products



Sigmapine  
RtReports Compliance  
ProcessTemplates  
Control Monitor

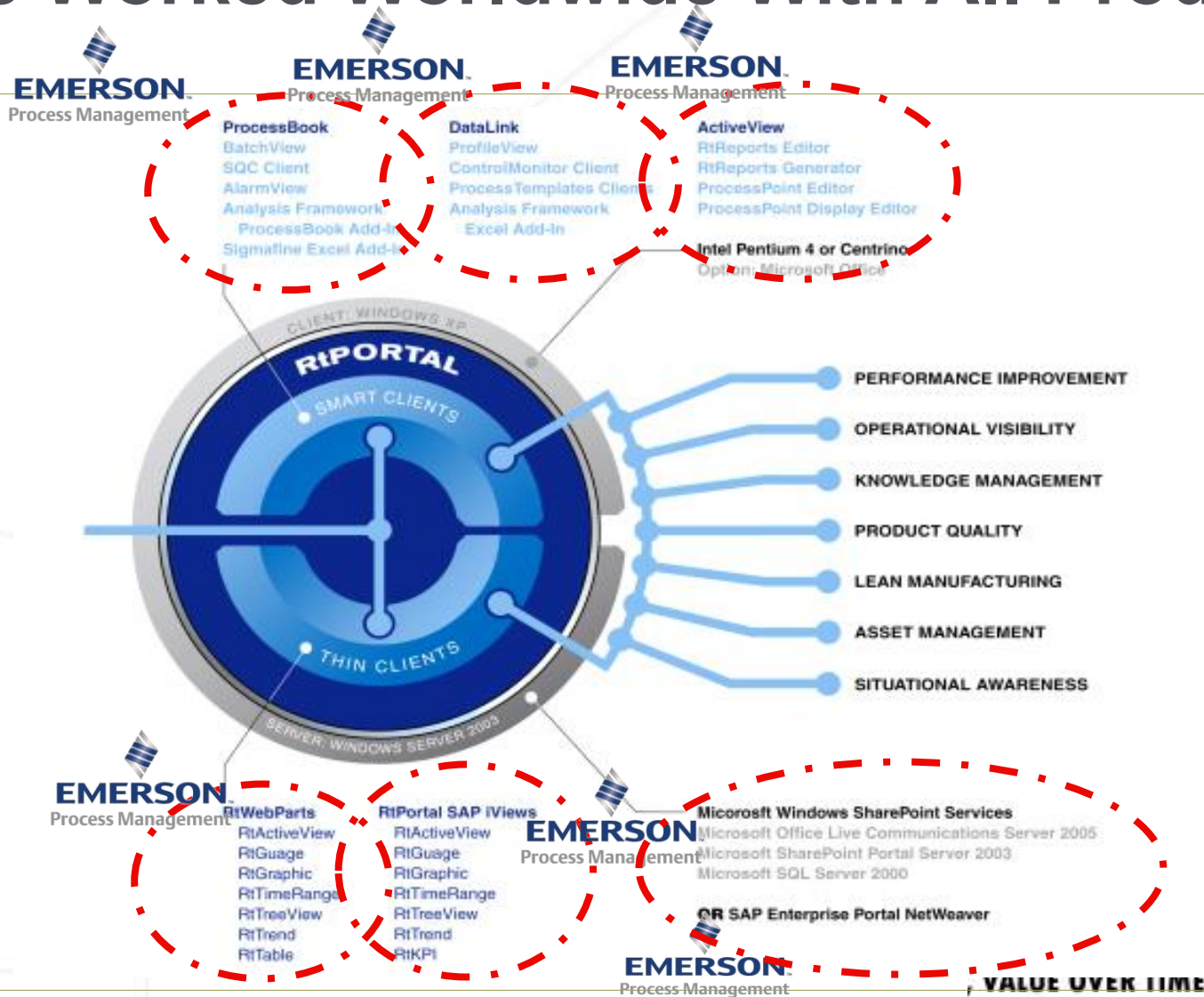


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# We've Worked Worldwide With All Products



# Emerson Worldwide MES Track Record

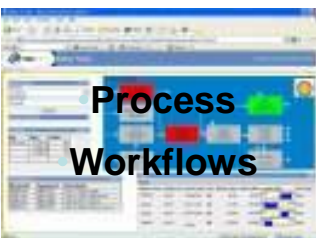
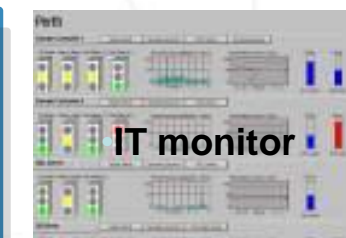
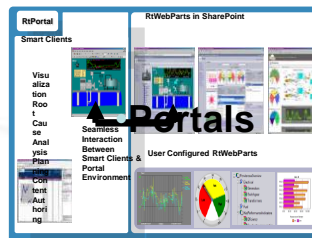
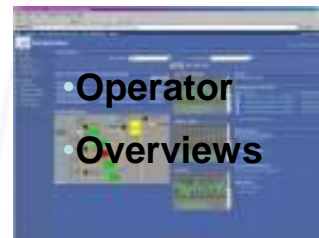
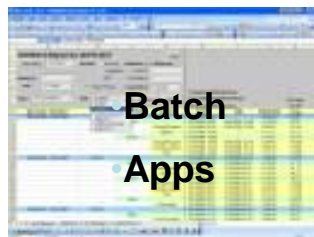
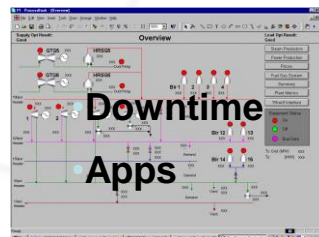
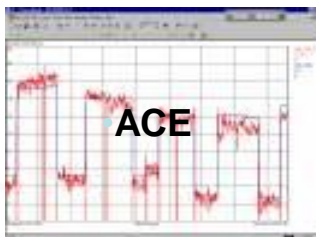
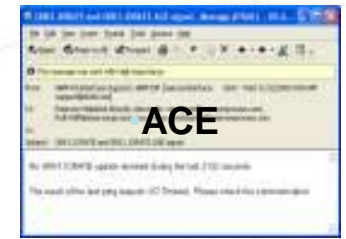
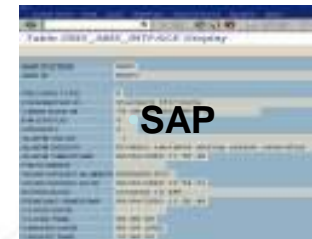
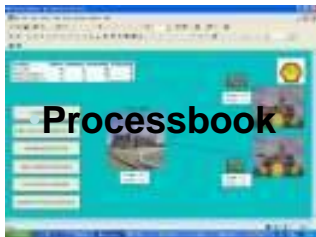
- 2 Million+ tags, 1700 clients, 120 enterprise servers
- Major installations in Oil and Gas, Petrochemical, Chemical, LNG, Power, Utilities, Pharma, Food and Beverage, Life Sciences
- Six Centres of Expertise UK, Netherlands, Austin, Calgary, Malaysia and Singapore
- In total more than 45 MES engineers and Business Operations consultants worldwide
- And some great Apps .....some examples.....

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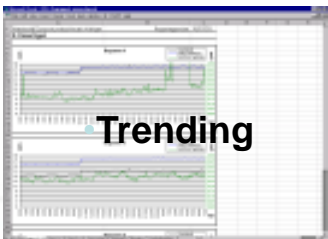
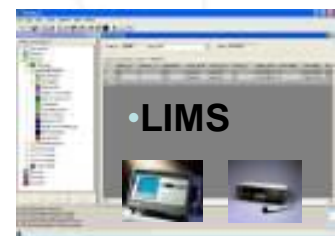
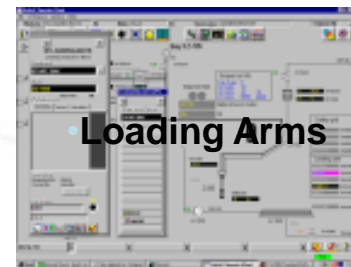
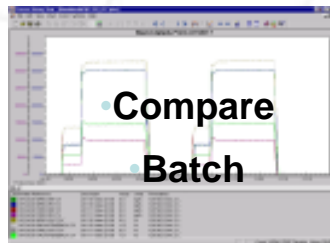
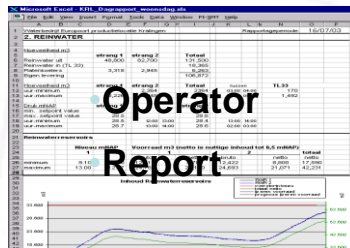
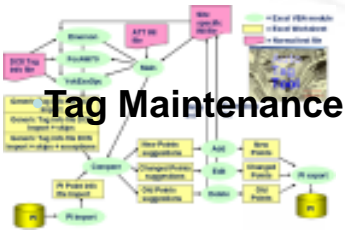
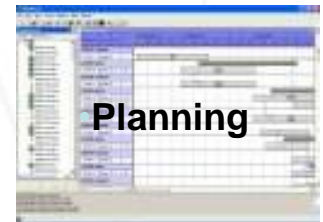
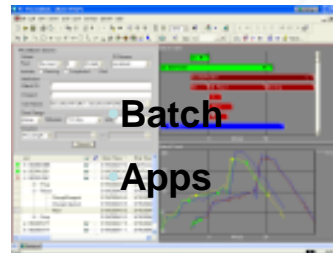
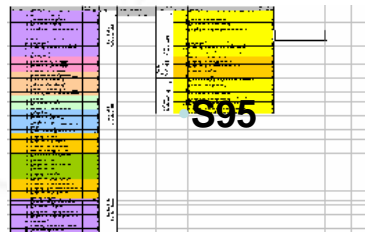
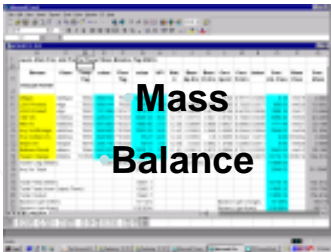
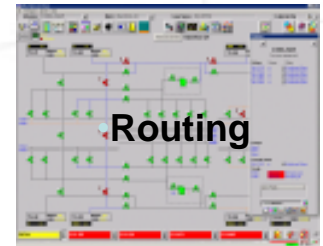
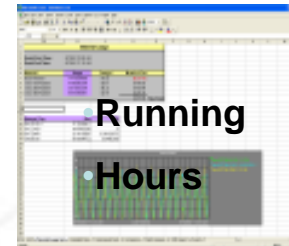
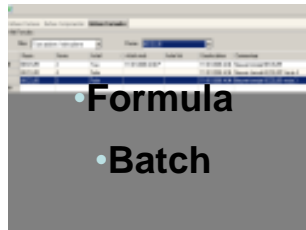
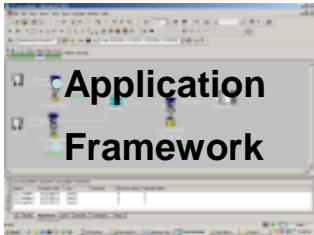
# More RtPM Project Examples



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# More RtPM Project Examples



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# We Help You Empower Your People

- Be Involved during Feed Study
  - We have excellent knowledge about your industry
  - We have excellent integration skills
- Help with Engineering
  - Good local resources to help you to implement quicker
  - You can adjust quick to your market
  - You can keep your hands free to focus on your core business
- We help you Improve the Variance of your plant
  - We integrate Production and Scheduling applications
  - We can interface to your Enterprise Planning applications

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# Technical Skills - Overview

- Total more then 150 man years experience with MES (solution) infrastructures and consultancy
- Per team member average 5 man/years experience
- Approx 45 Dedicated Professionals (From Which 10 in Rijswijk) include:
  - Wide Application Experience
  - Specialist Industry Experience
  - Experience interfacing with 3rd Party Tools
- Work with relevant Standards
  - 4 S95 Experts
  - 10 S88 Experts



S88 / S95

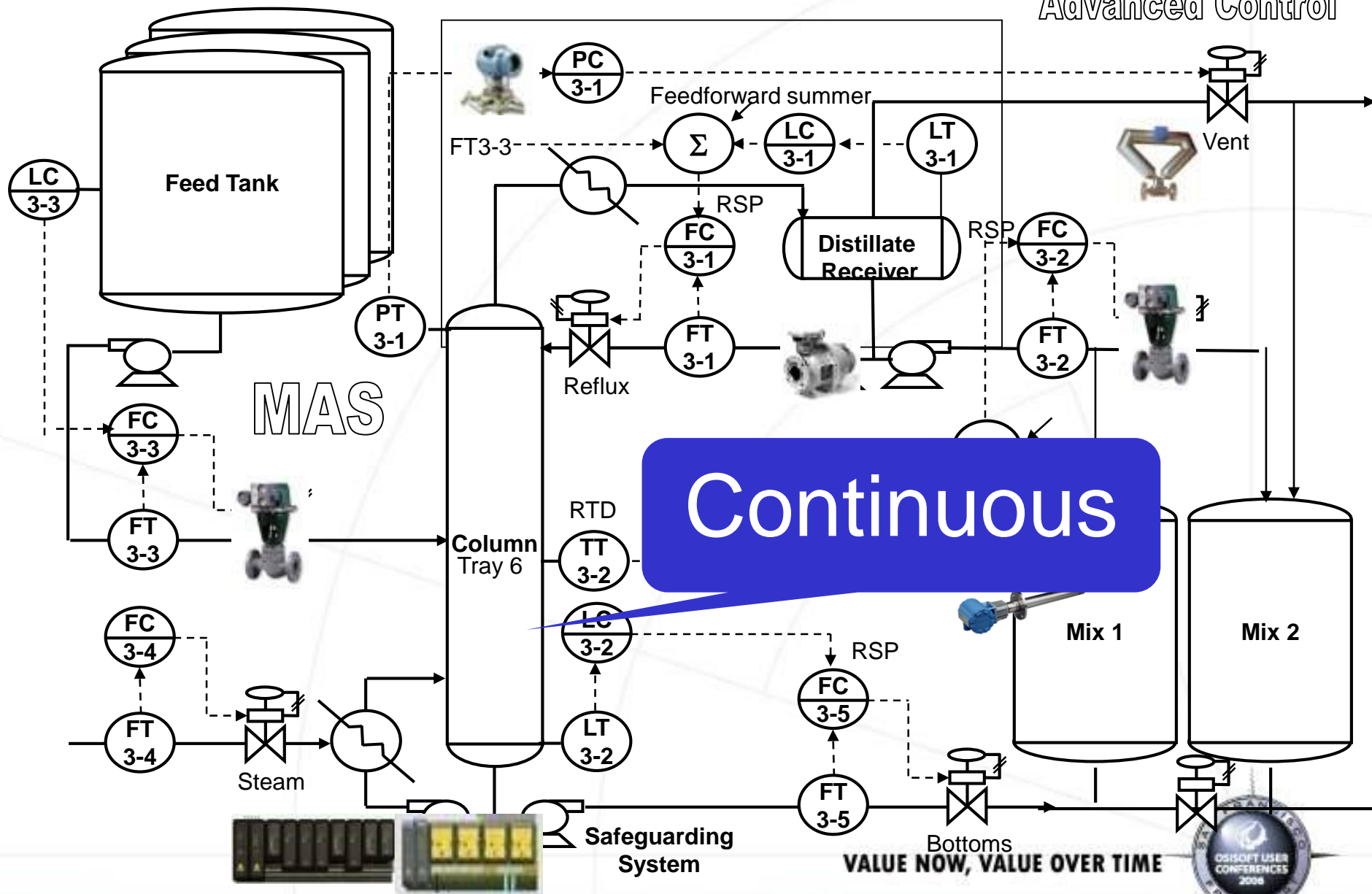


VALUE E 01



Manufacturing Execution Systems Association







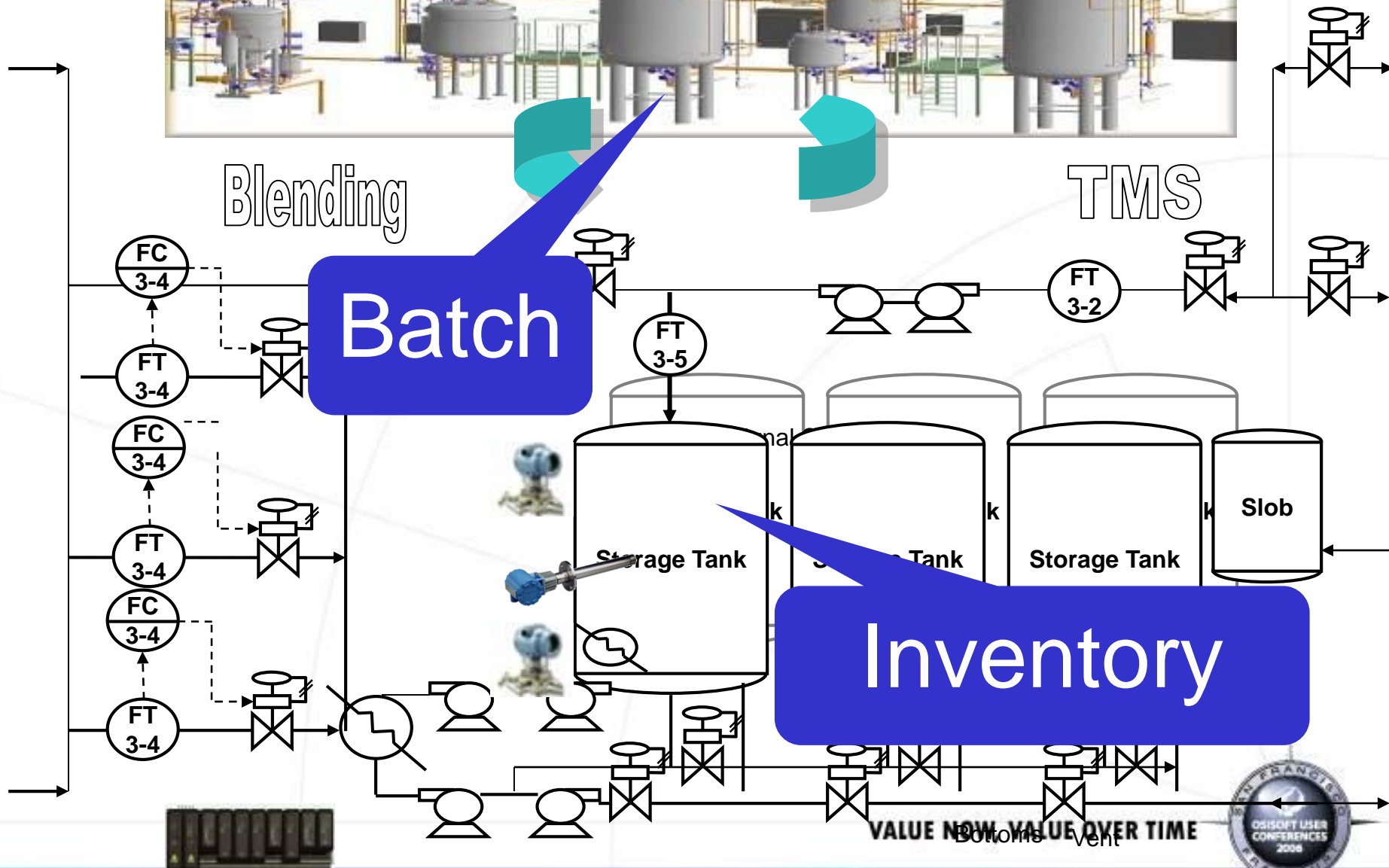


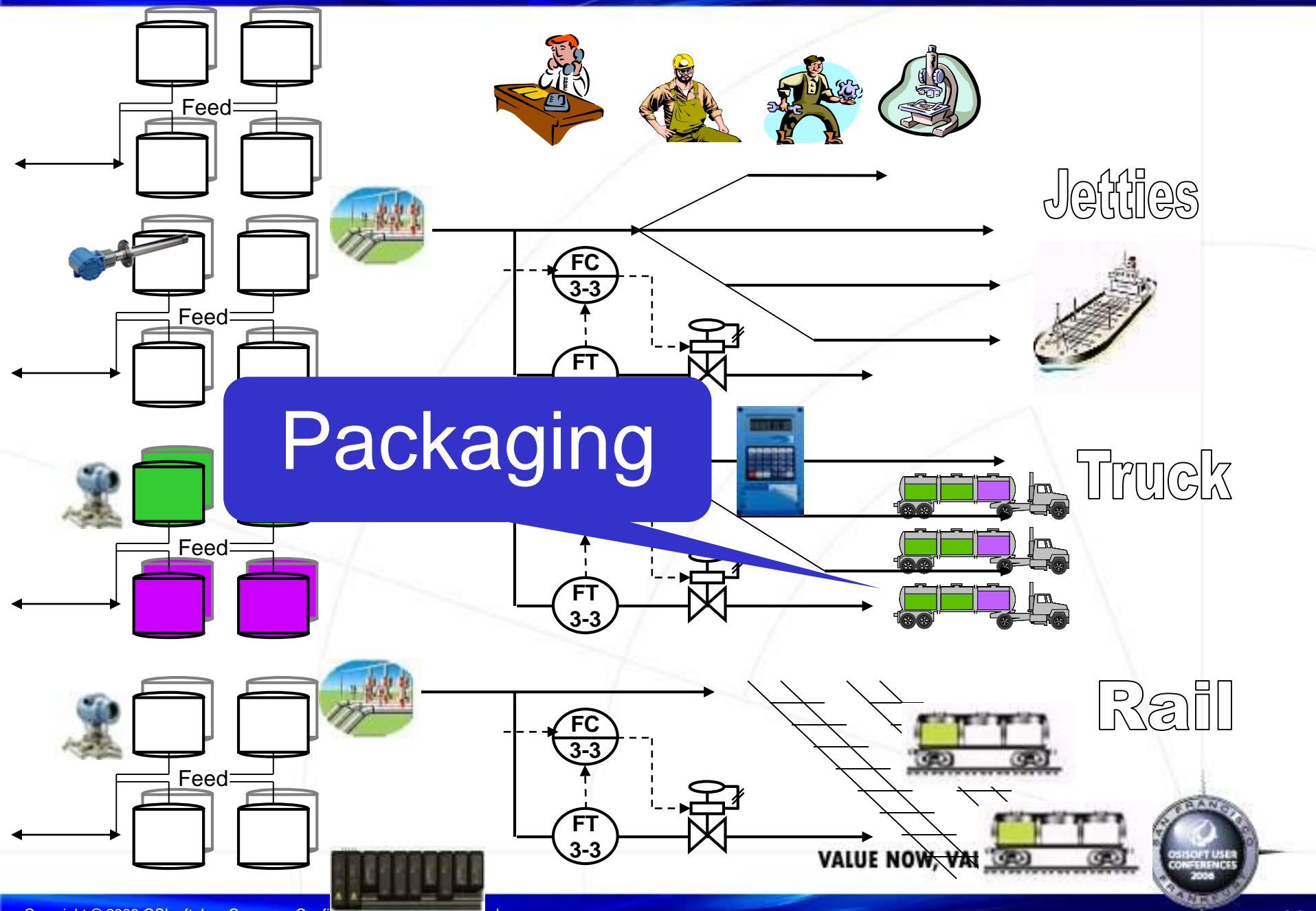
Blending

TMS

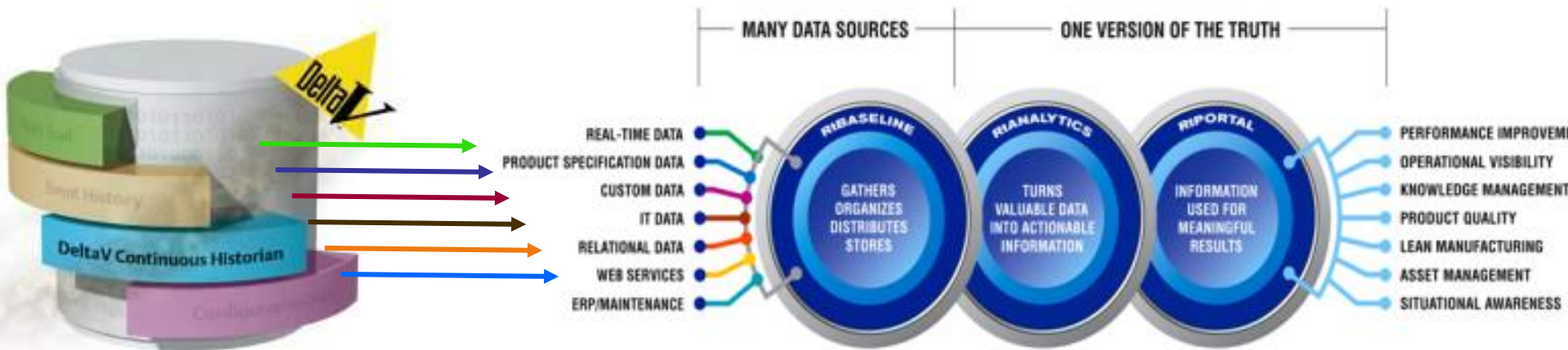
Batch

Inventory





# DeltaV ..... + OSIsoft



## The PI Protocol Converter for DeltaV

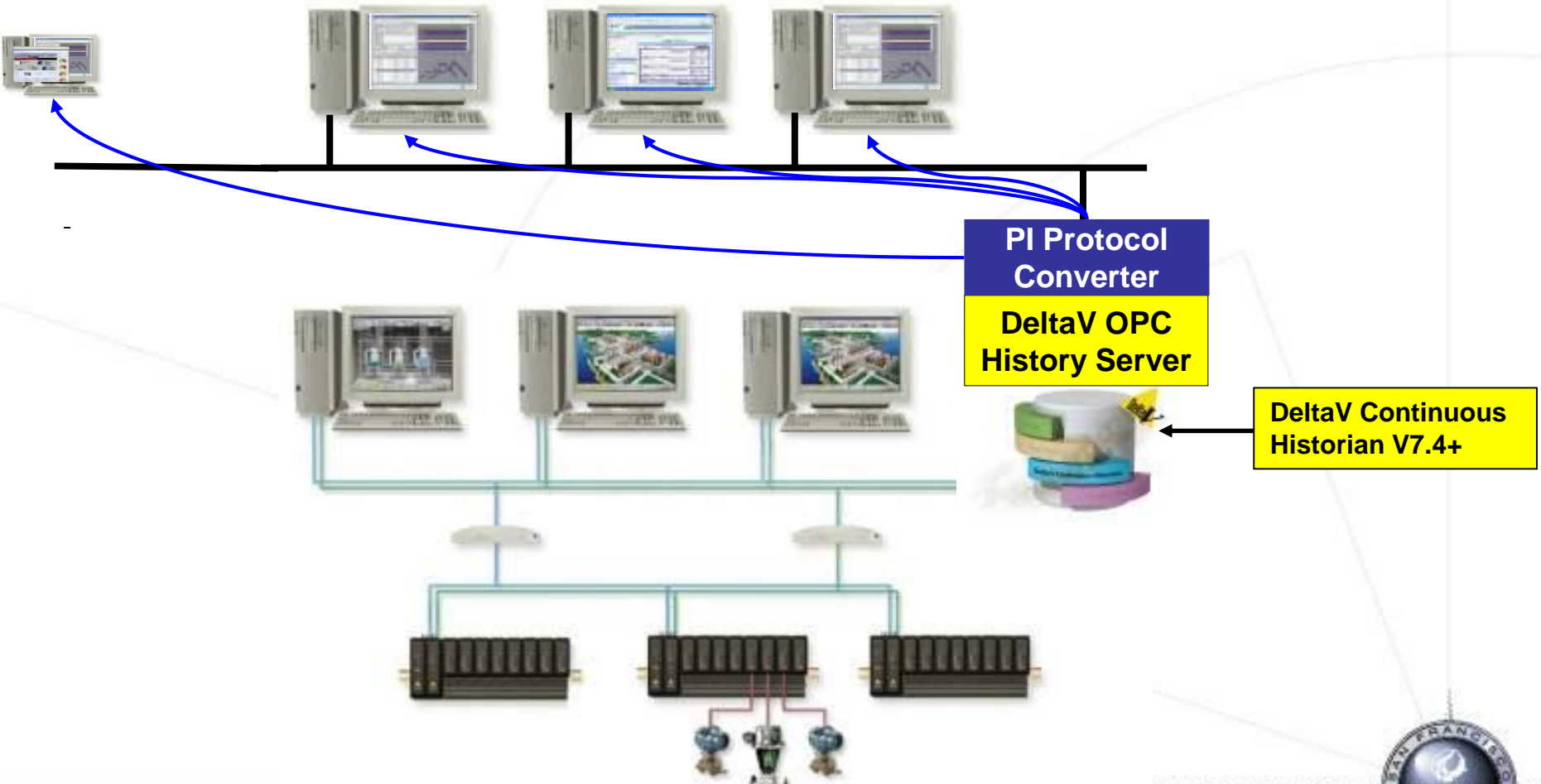
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# PI Clients Connect to DeltaV

OSIsoft PI Clients

PI ProcessBook, PI DataLink, PI ActiveView, PI RtPortal

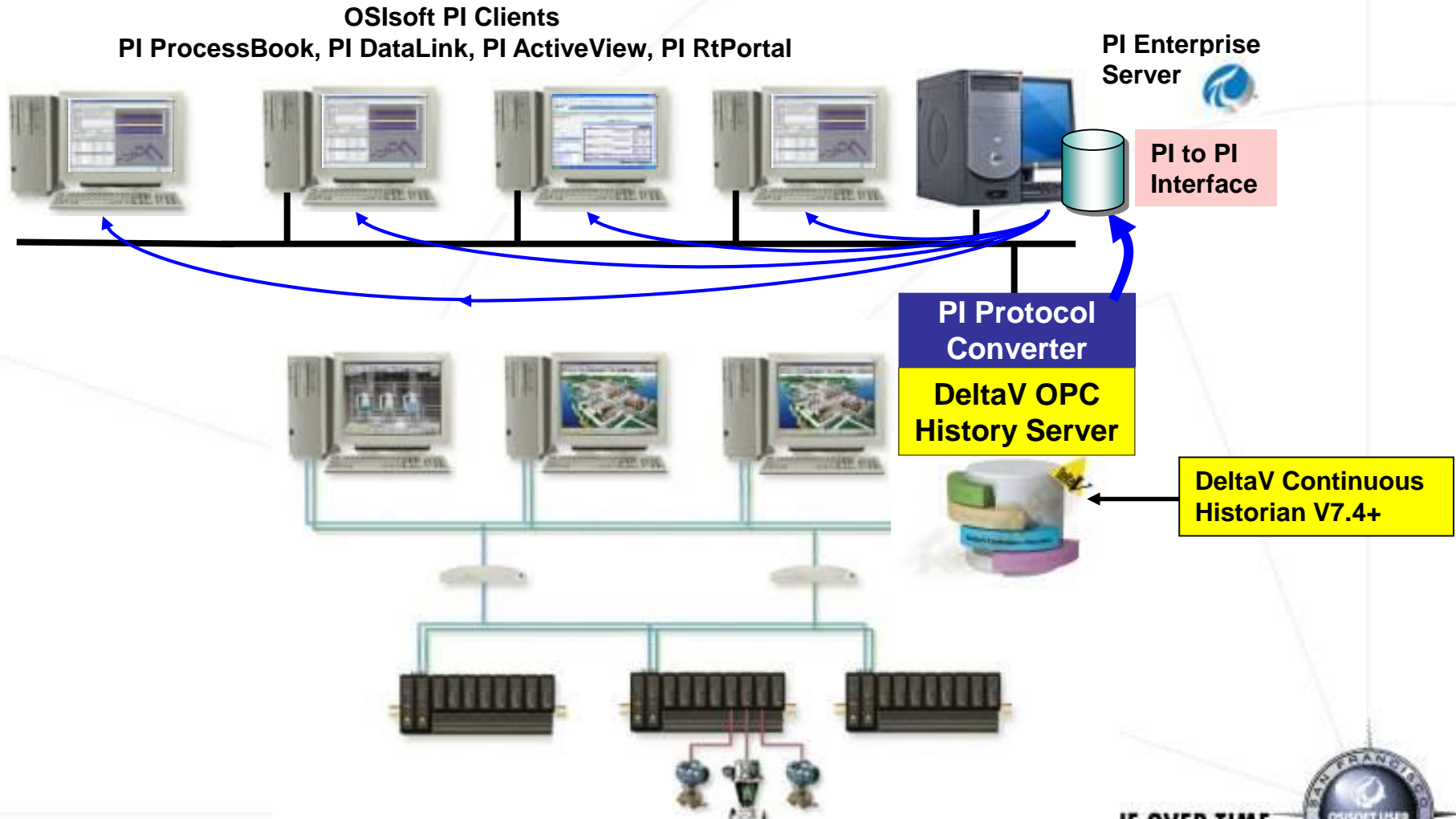


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# PI Enterprise Server Connection



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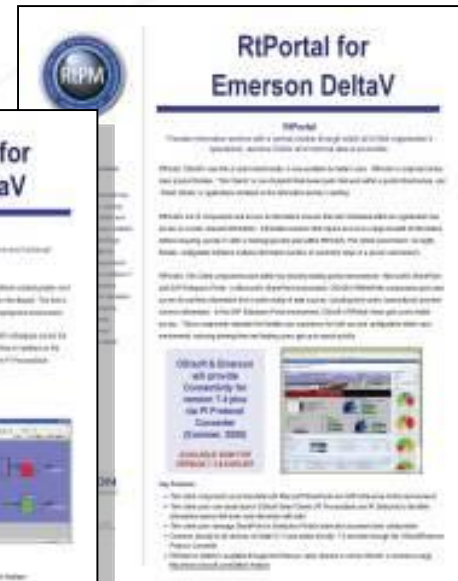
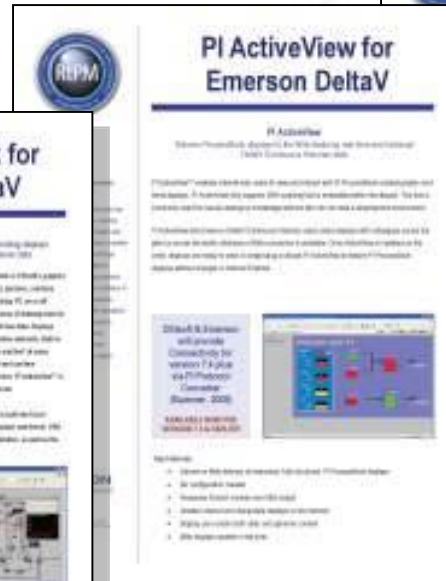




# The Other Big News

- Customers may NOW purchase PI Clients for DeltaV
- OSIsoft provides PI Protocol Converter at no charge
- Order from web page below or contact your sales person

<http://store.osisoft.com/DeltaV-Addons>



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# Global Partnership With OSIsoft



OSI & EMERSON Strategic Global Business Partners

Superior value to our common customers through integrated development.

We are recognized as strategic global partner for your Service  
Platinum Value Added Reseller (VAR)



Best Partner ?  
Stop looking.

