UC2006 **OSISOFT USER CONFERENCE**

VALUE NOW, VALUE OVER TIME

SAN FRANCISCO
OSISOFT USER
CONFERENCES
2006
FRANKFURT

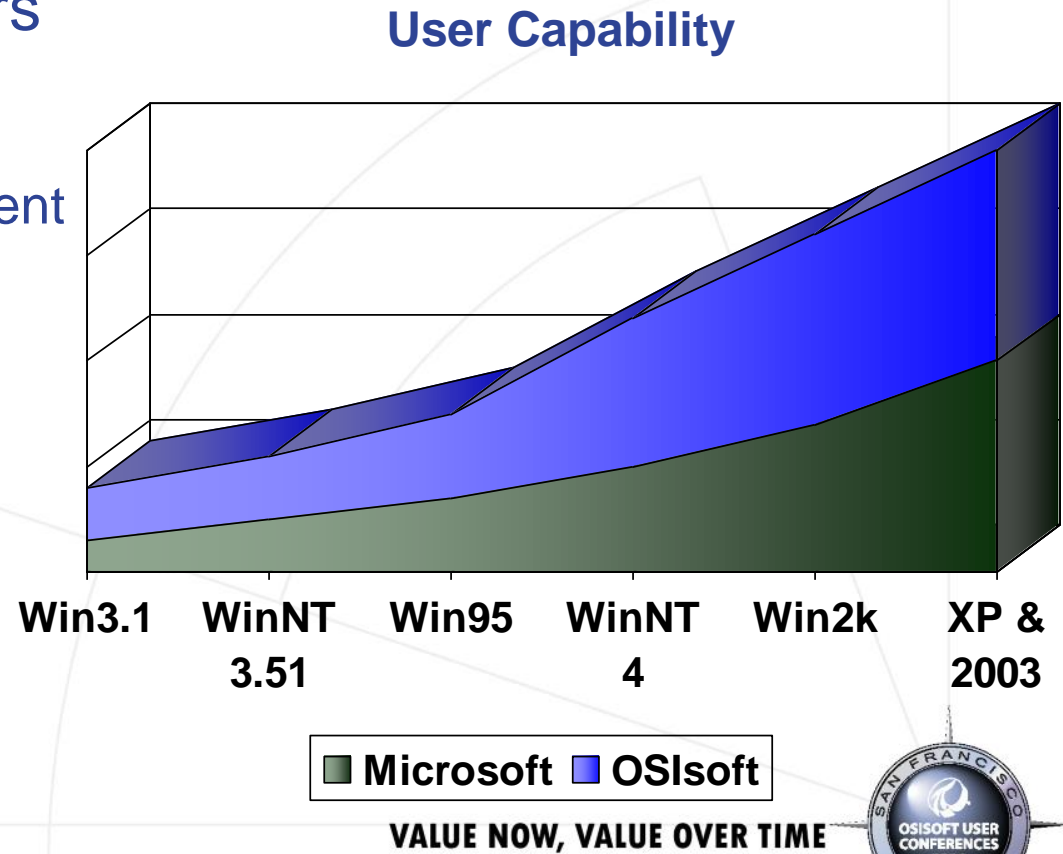# Catalyzing Collaboration with OSIsoft and Microsoft

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OSIsoft®

Collaboration Over the Years

- ## OSIsoft and Microsoft

  - Partners for 14+ years

  - DataLink

    - First Windows 3.1 Client

  - PI 3.x

    - First Server on NT

- ## As infrastructure improves, value improves

User Capability

Win3.1 | WinNT 3.51 | Win95 | WinNT 4 | Win2k | XP & 2003

■ Microsoft ■ OSIsoft

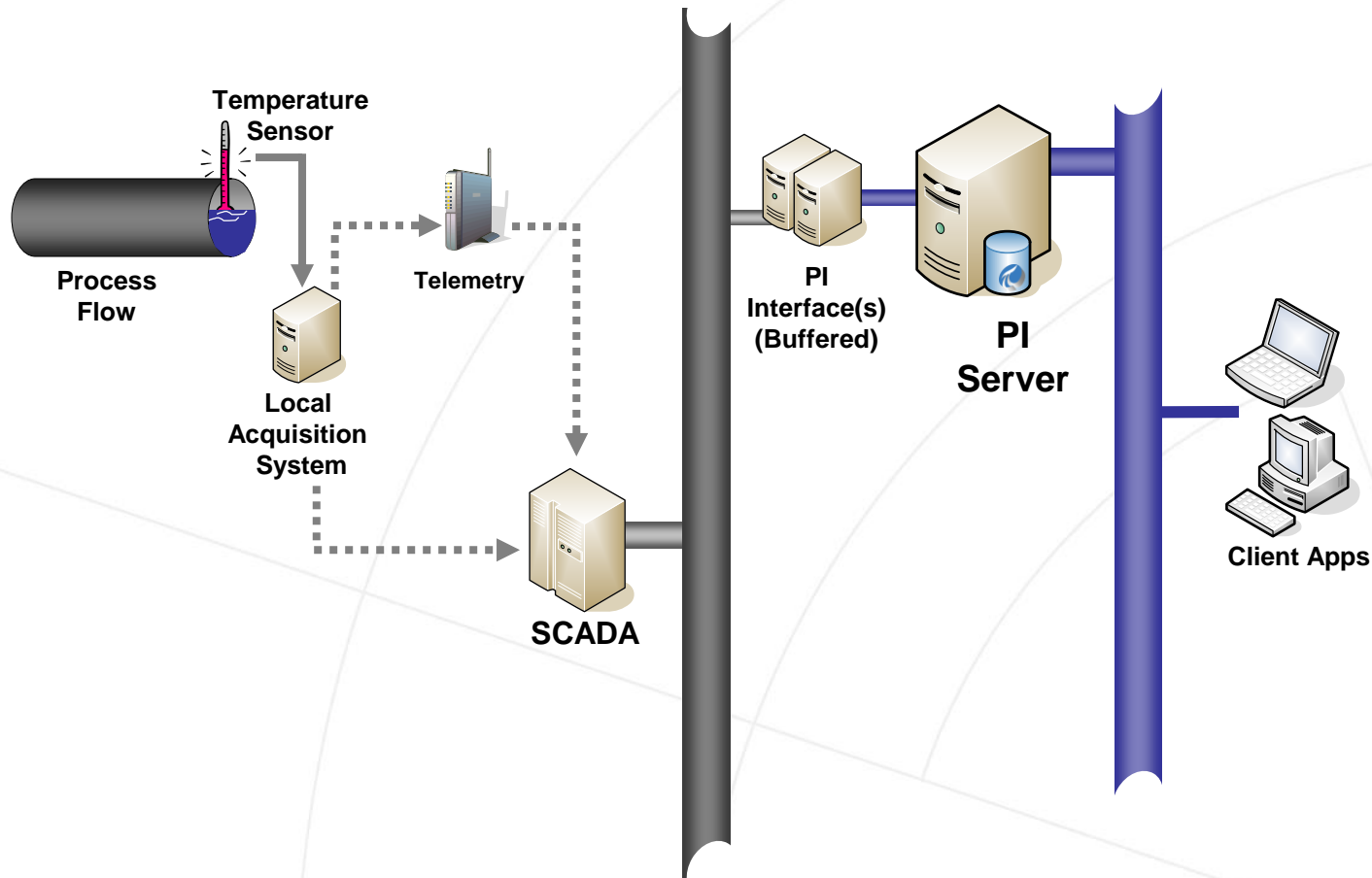**VALUE NOW, VALUE OVER TIME**

It Started with a Simple Idea

Unlocking your Information Potential

Bring data to a flexible environment
where users can creatively solve problems.
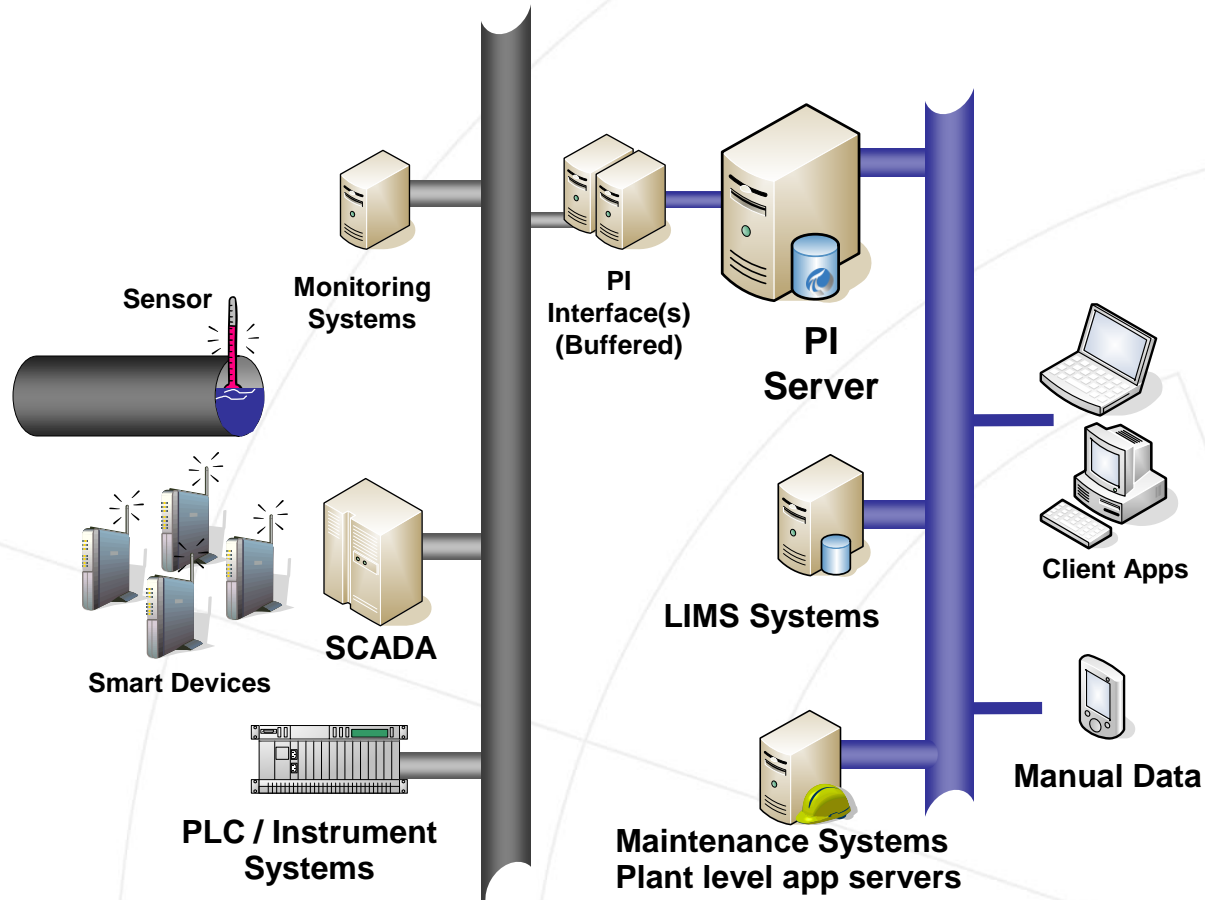
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Built on Available, Live Data

Temperature Sensor

Process Flow

Telemetry

Local Acquisition System

SCADA

PI Interface(s) (Buffered)

PI Server

Client Apps

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More Technology, More Data

Sensor

Monitoring Systems

PI Interface(s) (Buffered)

PI Server

Client Apps

SCADA

LIMS Systems

Smart Devices

Manual Data

PLC / Instrument Systems

Maintenance Systems
Plant level app servers
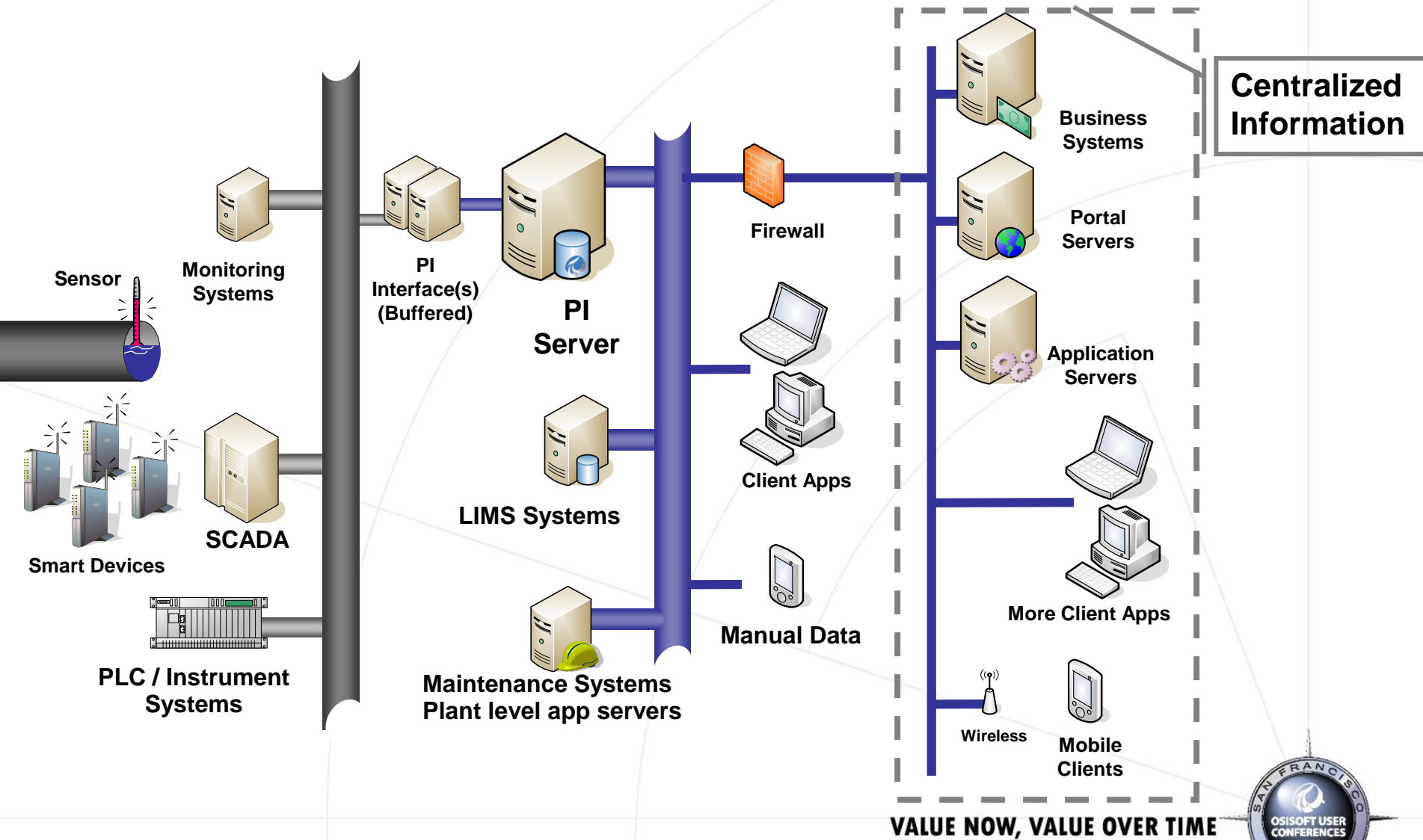
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Operations Become Strategic

- Available information increases

- The speed of business increases

- Using the site infrastructure's capabilities
  - Strategic improvements are considered
  - On-site and off-site people need to access the data and work together

- Collaboration becomes more important

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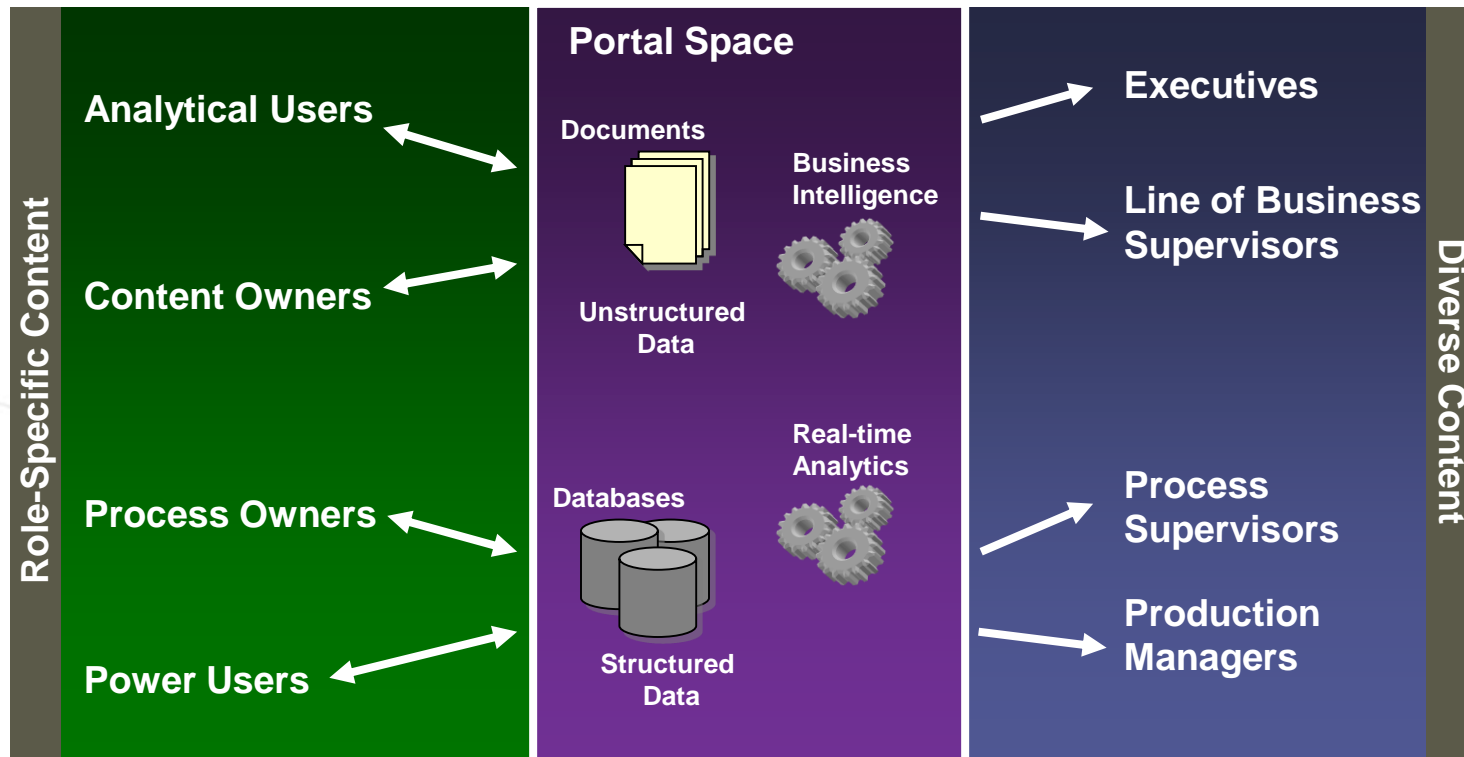
Site Data Becomes More Interesting

Sensor

Monitoring Systems

Smart Devices

SCADA

PLC / Instrument Systems

PI Interface(s) (Buffered)

PI Server

LIMS Systems

Maintenance Systems
Plant level app servers

Firewall

Client Apps

Manual Data

Centralized Information

Business Systems

Portal Servers

Application Servers

More Client Apps

Wireless

Mobile Clients

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Greater Information Exposure Required

Discovery   **Consumers**

Role-Specific Content

Analytical Users

Content Owners

Process Owners

Power Users

Portal Space

Documents

Business Intelligence

Unstructured Data

Real-time Analytics

Databases

Structured Data

Diverse Content

Executives

Line of Business Supervisors

Process Supervisors

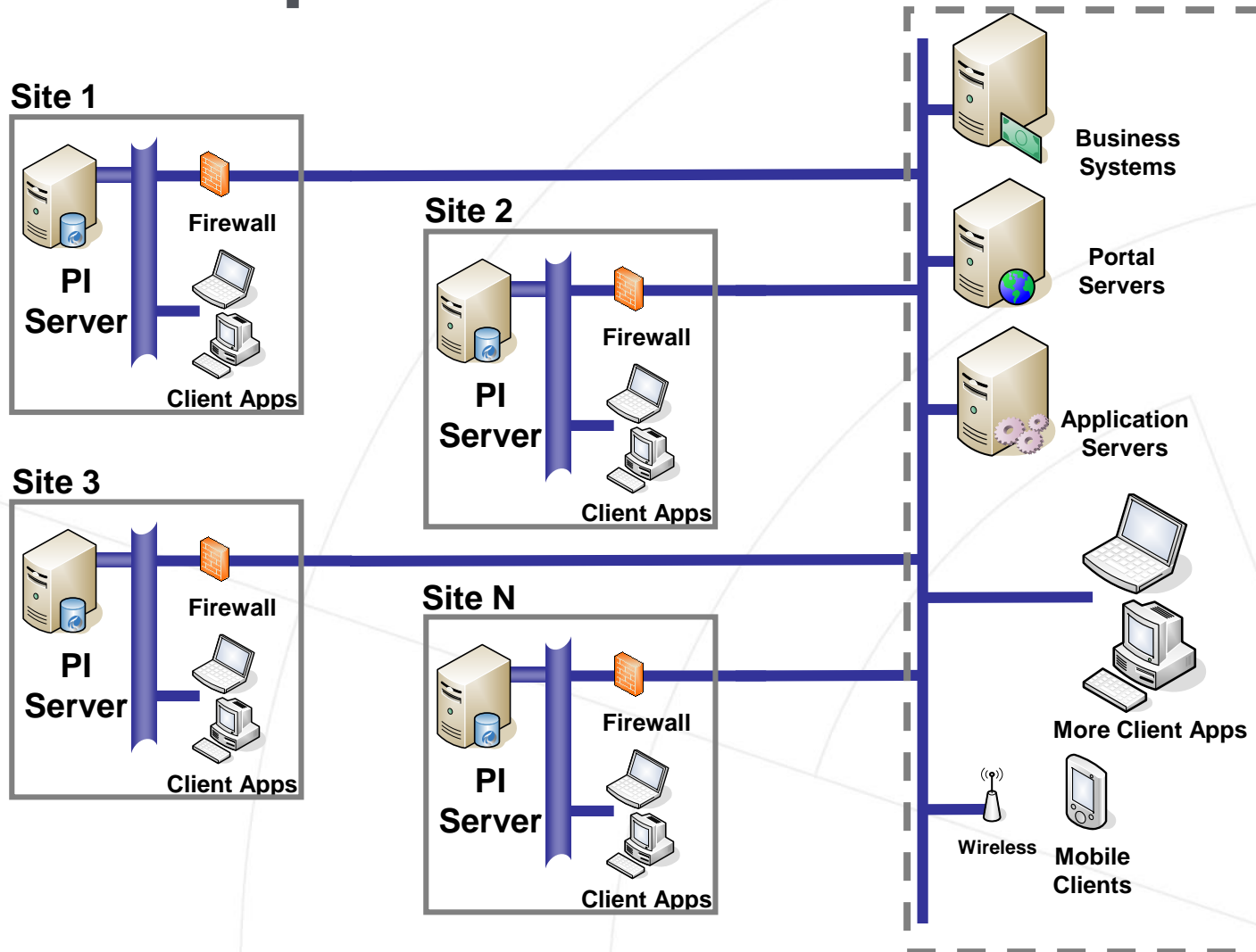**Production Managers**

Building   **Viewing**

Portals Extend the Reach of Information
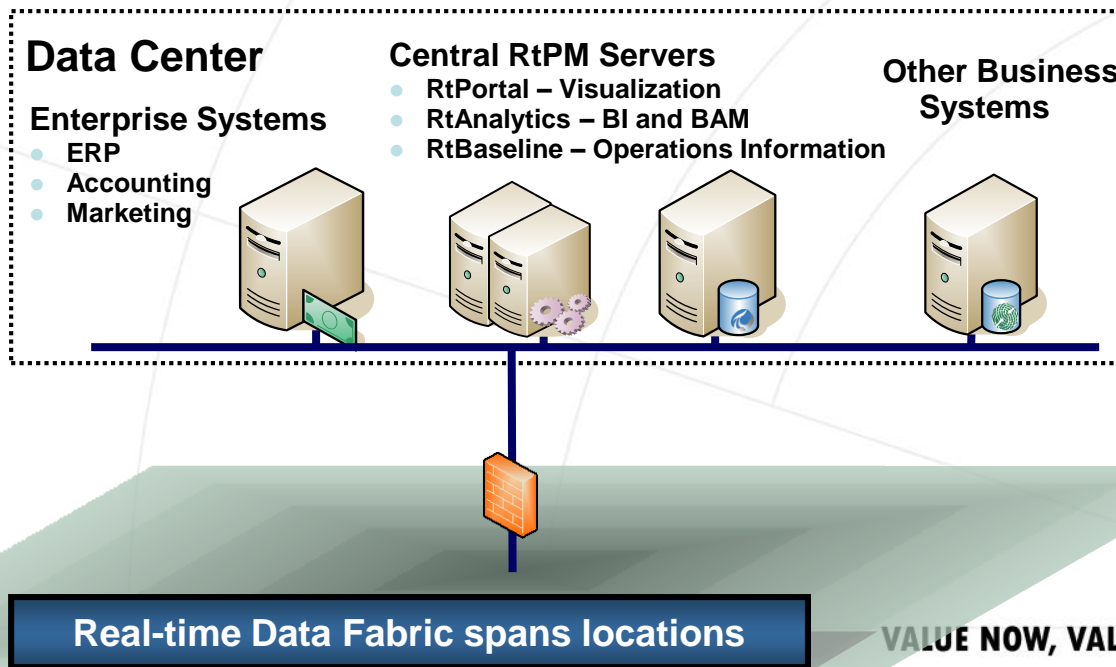
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More People Become More Interested

Goal: Real-time Data Fabric

- Operations Data Fuels Organizational Capability
- Build analyses, reports, and displays for everyone

Data Center

Enterprise Systems
- ERP
- Accounting
- Marketing

Central RtPM Servers
- RtPortal – Visualization
- RtAnalytics – BI and BAM
- RtBaseline – Operations Information

Other Business Systems

Real-time Data Fabric spans locations

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Operations Closely Aligned with Business Objectives

- OSIsoft's RtPM Platform becomes part of the critical infrastructure

- High-demand information must be provided On-demand

  - Inventories

  - Production capabilities

  - Product quality and specifications

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Better Infrastructure

- Microsoft's roadmap pushes better server-side capability
  - Windows Server 2003
  - Office SharePoint Portal Server 2003
  - … to Office 2007
- OSIsoft's roadmap pushes better information access and usability
  - Enterprise deployment, replication, data directory
  - Client capabilities, reusability of analytics

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See it at Work!

Demonstration

Product Roadmap

- Simple
  - Familiar tools, enhanced functionality

- Enterprise Aware
  - Leverage the power of Excel consistently
  - Create virtual teams to solve problems

- Highly Available
  - Will benefit from Microsoft and OSIsoft's work on availability and scalability
  - Real-time data fabric in PR 2 and beyond

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Conclusion

- OSIsoft and Microsoft

  - Keep you in context

  - Allow you to collaborate in new ways

  - Support your most dynamic business processes

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Things to see this week

- DataLink Breakout by Jason King

- RtWebParts Breakout by Jay Lakumb

- Connecting the Dots by Christian Luckock

- ProcessBook Breakout by Brian Bostwick

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