

# Enterprise Information Integration (EII)

> Putting Your Enterprise Information to Work

Presented to

Sacramento Valley DAMA Chapter

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# Today's Discussion

1. What is EII?
2. Enterprise Topology
3. Why is EII Important?
4. EII Initiatives
5. EConExplorer Overview
6. Providing Universal Connectivity
7. Integrated Environment

## **What is EII?**

Enterprise Information Integration is the process of integrating structured and unstructured data from any relevant source for the purpose of presenting an intelligent, real-time view of the business to an operational application.

# Enterprise Topology

A distributed Enterprise environment lacks accessibility to information, where such information is embedded within an organization's computers and dynamic repositories such as:

- o Legacy Systems
- o RDBMS and Proprietary DBs
- o Mainframes
- o Data Warehouses
- o Application Servers
- o Portals
- o File Sharing Systems
- o Data Marts

A study conducted by Sun Microsystems states that out of *1 megabyte* of information produced in the world, only *1 byte* is published and made available, the rest reside in dynamic repositories.

The same or related information can be stored in multiple data sources that do not necessarily speak to one another. How can EII address this issue?



# EII Initiatives

- ▶ Data Management
- ▶ Portals
- ▶ Content Management
- ▶ Document Management
- ▶ Business Process Management
- ▶ Work-Flow Automation
- ▶ Data Warehouse
- ▶ KPIs (Key Performance Indicators)

# Why is EII Important?

▶ Information: New Enterprise Asset

▶ Understanding:

Data → Information → Business Intelligence → Competitive Advantage

▶ Two Huge Problems:

- Proliferation of Information
- Access to such information is blocked

▶ Analogy: Cities without roads

▶ Solution: EConExplorer middleware



# Integrated Environment for Application Development

- ▶ Single Interface of Enterprise Technology Assets
- ▶ Web UI Designer
- ▶ Highly visual Application Development Designer, eliminating the need for complex coding.
- ▶ Database Explorer used for exploring data sources within the enterprise network
- ▶ Ad-Hoc Reporting Capability

# Industry Applications

- ▶ Mixed Environments
- ▶ Centralized vs. de-centralized
- ▶ Corporate Dashboards

# EConExplorer Benefits

- Cost-Effective
  - ✓ Ease of Integration
  - ✓ Utilize Existing Environment
  - ✓ Eliminates Risk Associated with Building Custom Solutions
- Creates Efficiency within Business Processes
- Real-Time Collaboration
- Secure Connection and Accessibility
  - ✓ Extends Organization's Content Accessibility
  - ✓ Ensures Access of Business Critical Information to Authorized Employees, Partners, and Affiliates
- EConExplorer offers an intelligent, cost-effective alternative for today's enterprise that is faced with the need to provide a secure environment for the accessibility of enterprise content.