



**Marie Wieck**  
General Manager  
Industry Solutions & Business Integration

**IBM Business Performance Management**  
*An on demand opportunity*



# Today's Discussion

- 1 The promise/realities of an on demand business
- 2 Emerging opportunity—  
Business Performance Management
- 3 Core capabilities necessary for BPM Solutions
- 4 The importance of IBM Business Partners  
-Open Domains for Business Partners



# The Reality of Today's End-to-end Processes

**Complex siloed processes, applications and infrastructure make it difficult for business leaders to respond to market opportunities, competitors' moves and regulatory changes:**

- **They can't see what is currently happening**
- **They can't put what's happening into context**
- **They can't make changes quickly**



# An Emerging Market Need — Business Performance Management

---



## Business process view

allows business leaders to understand in real time the state of key business processes

## IT process view

allows visualization of IT environment in business terms and management of service levels to business objectives

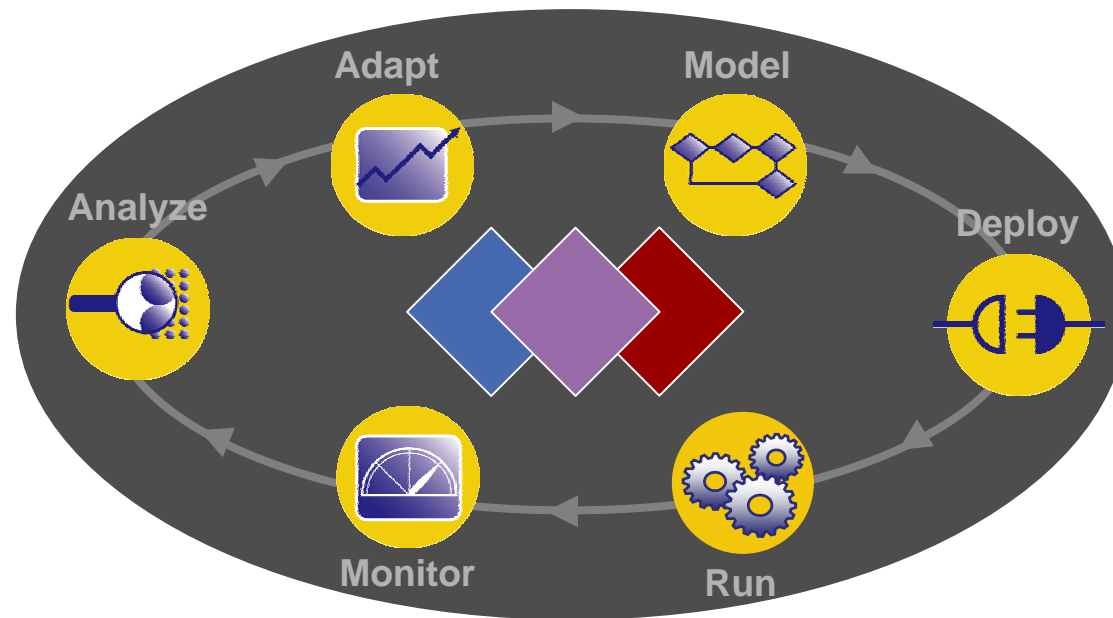
## Business Performance Management

allows an organization to understand the status of business processes across business and IT, put that understanding in context against goals and trends, and take action quickly to improve execution



# Business Performance Management: Our Definition

- Anticipate/respond to customer needs, competitive threats, and regulatory pressures
- Enable companies to see business information and understand and adapt business processes and IT infrastructure



**A set of capabilities to analyze and model processes; monitor business performance in real time; track current performance against goals/historical trends; align IT management with business priorities.**



# Customer Thoughts on Business Performance Management

---



*I would like the dashboard. I ask for a lot of ad hoc reports, I am constantly pestering IT for reports, and I am always changing [the specifications]. (SF)*

*In silos, people have their own information. If everyone is looking at the same metrics, that helps the overall process. (Boston)*

*...being able to consistently track compliance changes, HIPAA regulations, tying them to IT and making sure all electronic interactions meet all guidelines. This is something we spend hundreds of millions of dollars on. (NY)*

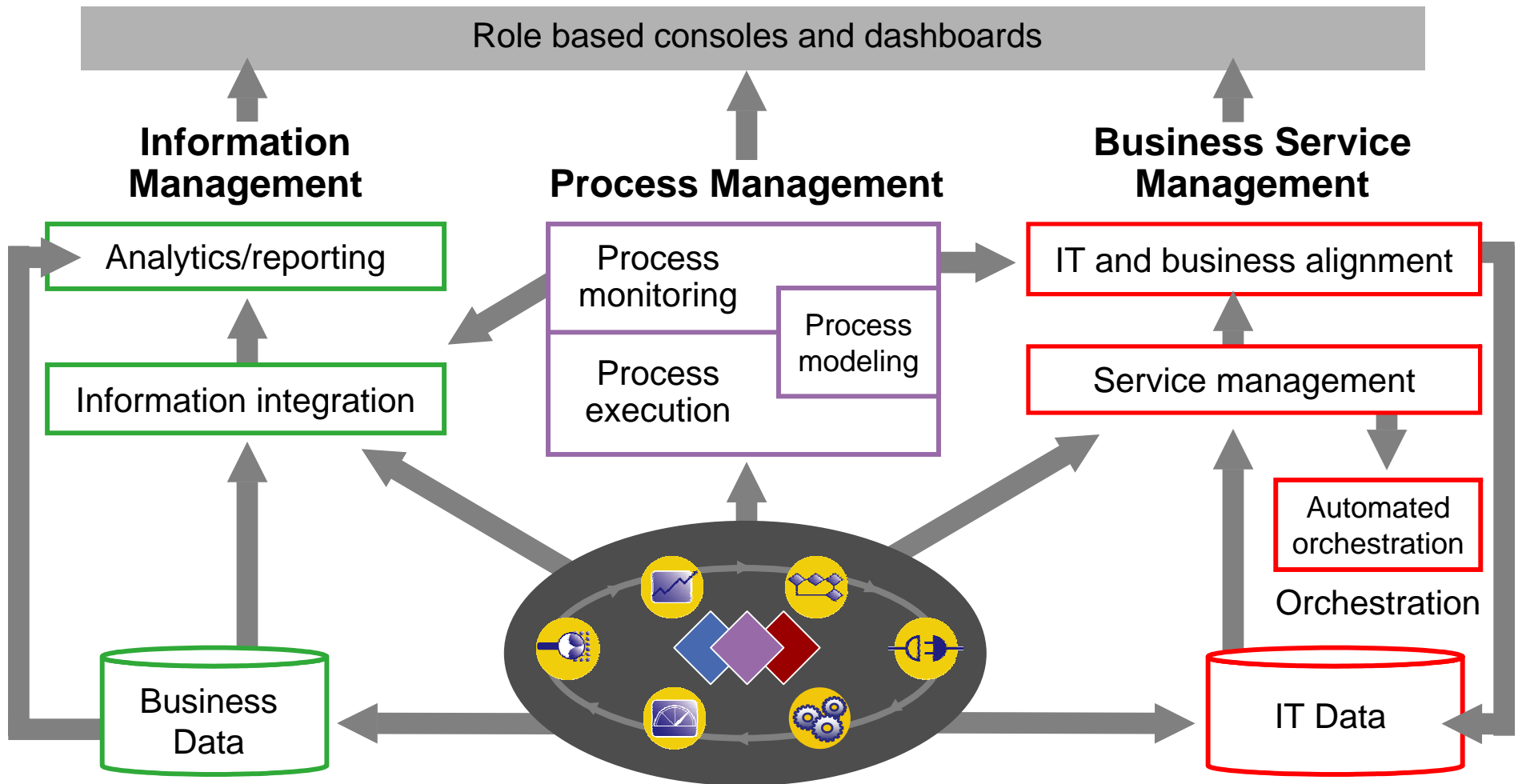
*The more important aspect is real time. Everything is two weeks behind — information, output and red flags. We have too many departments with the silo mentality. We do not function interdependently; we function independently. (Boston)*



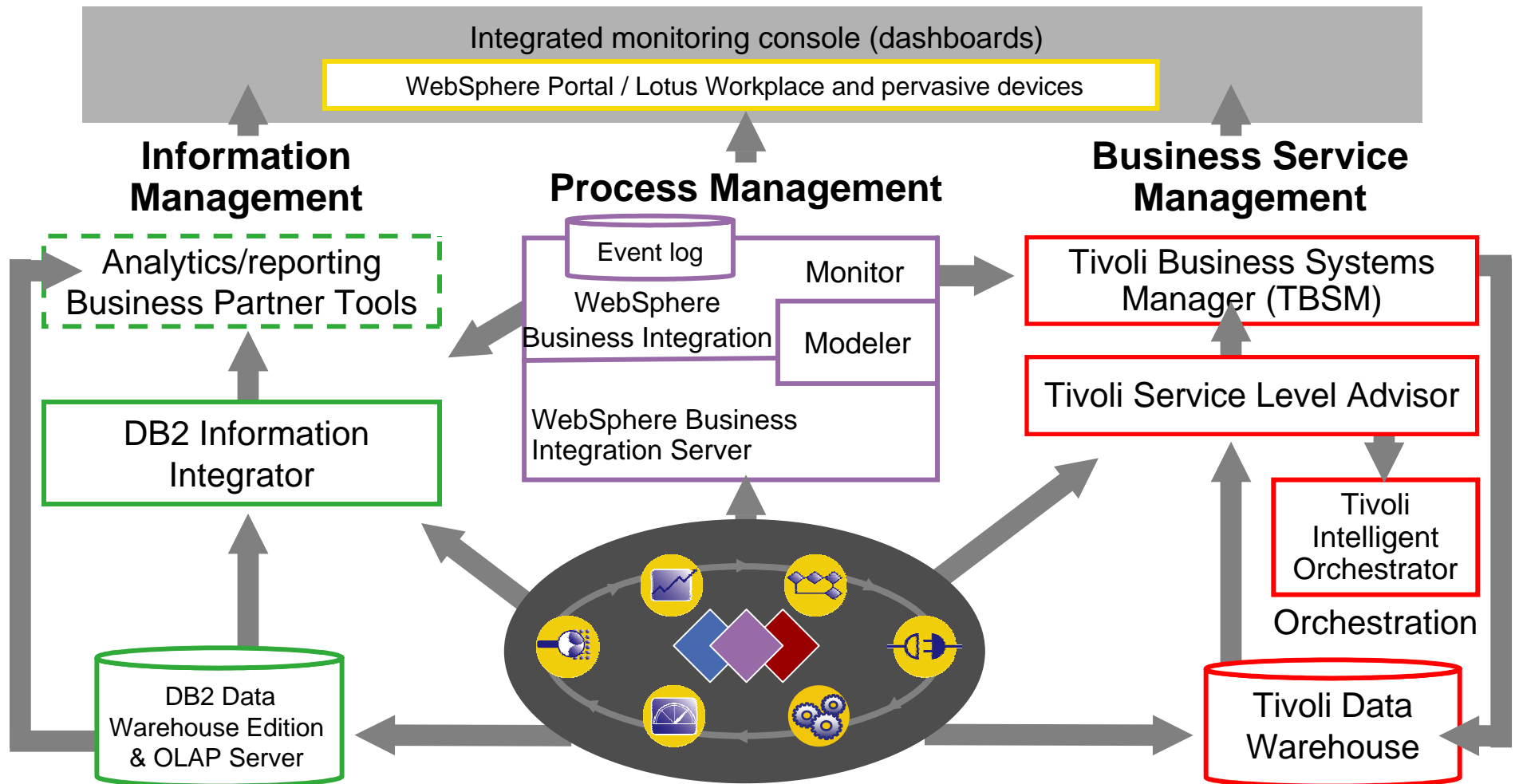
IBM Focus Group Research, 2003



# Business Performance Management: Core Capabilities



# IBM Provides the core capabilities today





# Principal Financial Group



## Vision

A leading global financial institution needed to focus on business impact management to understand how IT events affect business-critical processes, improve availability of customer-facing services, and decrease problem resolution time

## Solution

- IBM Tivoli Business Systems Manager
- IBM Tivoli Monitoring
- IBM Tivoli NetView
- IBM Tivoli Enterprise Console
- IBM DB2
- IBM WebSphere Application Server
- IBM WebSphere Business Integration Modeler

## Business Performance Management Improvement

- Improves communication between IT and the business units
- Helps IT administrators understand how their components map to critical business processes
- Helps staff identify potential IT projects that have meaningful impact on business operations by analyzing event history from a business
- Provides real time visibility into business process to identify potential critical weak points that may regularly cause business pains

*“IBM Tivoli Business Systems Manager helps us integrate a combination of Tivoli and other tools to better understand how various IT events affect the availability of critical business processes.”*

*—Dave Boggess, Senior IT Systems Analyst & ESM Architect, The Principal Financial Group, Inc*



# Michigan State and the on demand Supply Chain



## Vision

At the Center for On Demand Supply Chain Research, we will be able to advance the field of Supply Chain Management (SCM) in ways that have never been possible before by leveraging leading-edge IBM business process integration technology and expertise."

—Professor Roger Calantone, Eli Broad College of Business, Michigan State University

## Solution

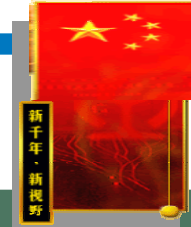
- IBM WebSphere Business Integration Modeler
- IBM WebSphere Business Integration Monitor
- IBM WebSphere Commerce Business Edition
- IBM Lotus Workplace Server

## Business Performance Management Improvements

- Leading edge SCM solution that exemplifies the flexible approach.
- Enables students and faculty to simulate, study and test key supply chain relationships.
- Leverage process integration and grid computing to build a supply chain that can sense and respond to changing demands
- Build the world's first on demand supply chain—one that can sense and rapidly respond to changing customer demands and market conditions.



# Ministry of Railways (China)



## Vision

- Ministry of Railways manages the Chinese the national railroad system and is responsible for defining and implementing railway transportation plans
- Want to provide an organization-wide intelligence platform to drive decision making that will increase freight and passenger rail travel

## Challenge

- Data needed for effective decision-making is spread across multiple databases
- Begin solution rollout with limited skill and resource

## Solution

- Give business managers access to summarized historical data in a DB2 based warehouse with federated access to real-time DB2 and Oracle freight transportation operational data and passenger data in Sybase and SQL Server.
- Able to be more proactive and increase responsiveness

## Business Performance Management Value

- Improve the quality of railway transportation management
- Respond more quickly to market demand by improving freight forecasting
- Optimize carrying resource assignment

*“With its real time federation capability DB2 Information Integrator significantly enhances the power of the data warehouse supporting our intelligent transportation management systems and other enterprise applications. The XML and unstructured data support of this product will help us fulfill the reporting requirements to the states administrative bureaus.”*

*—Mr. Sun Yuan-Yun, Chief Engineer,  
Ministry of Railways, People’s Republic of China*



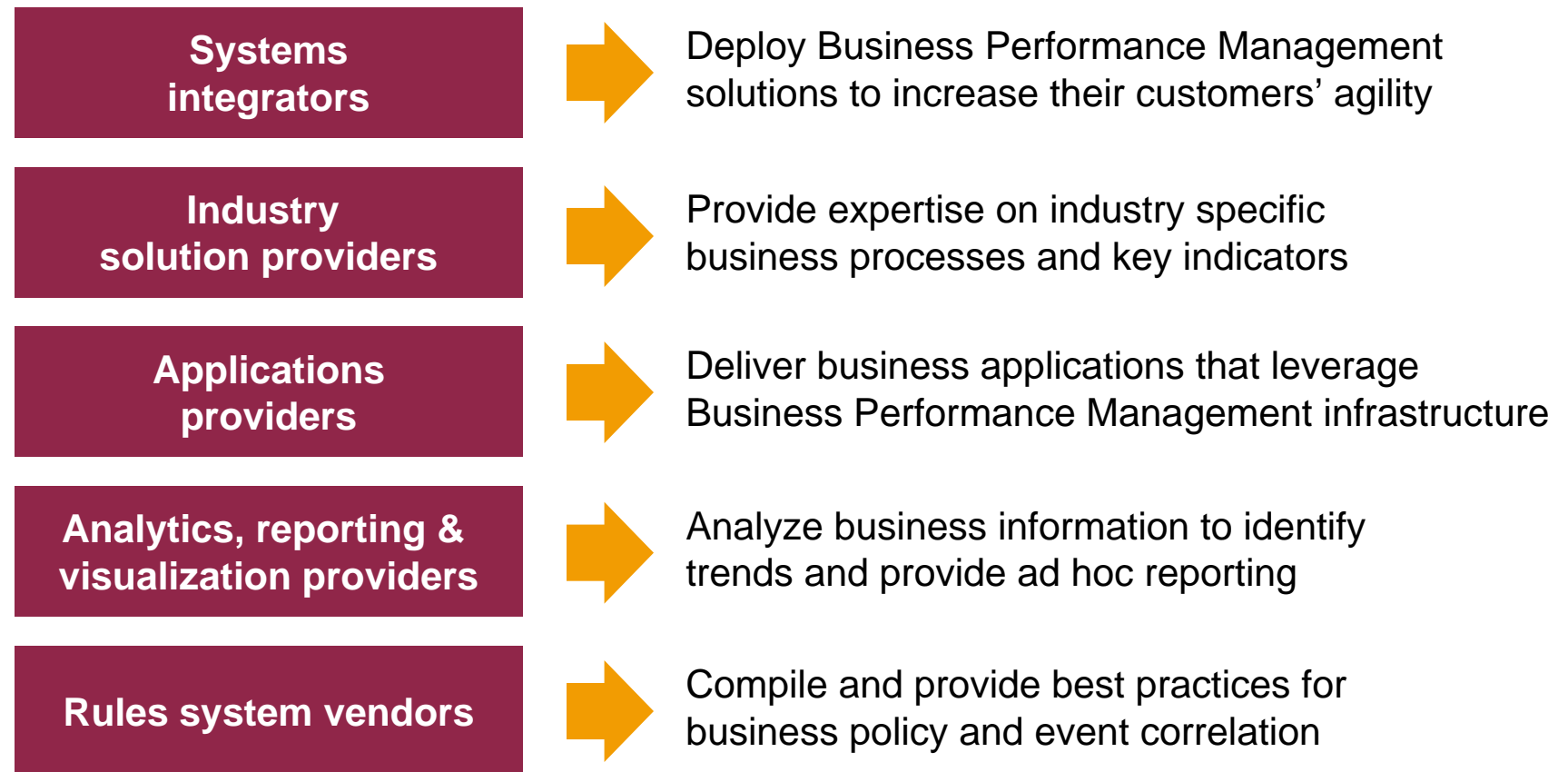
# Industry's Richest Business Performance Management Core ...

	Business Intelligence	Business Integration	Business Service Management	Intelligent Orchestration
<b>IBM</b>	✓	✓	✓	✓
Oracle	✓			
Teradata	✓			
webMethods		✓		
TIBCO		✓		
BEA		✓		
HP			✓	
BMC			✓	
Managed Objects			✓	



# Ecosystem Surrounding Business Performance Management

---



# ... but IBM Business Partner Expertise is Key to Delivering Robust Solutions

## Industry Solutions



Six Sigma



ISO



Wireless number portability



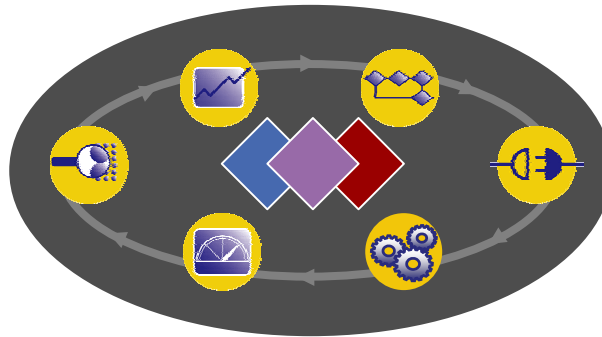
ACORD



HIPAA



Basel 2



## Cross-industry Capabilities



Optimizing



Risk Analysis



Prioritizing



Simulate



Forecasting



Planning



Reporting



Predicting



Rules



# Getting Specific: A Solution for Insurance

---

## Insurance executive's issues

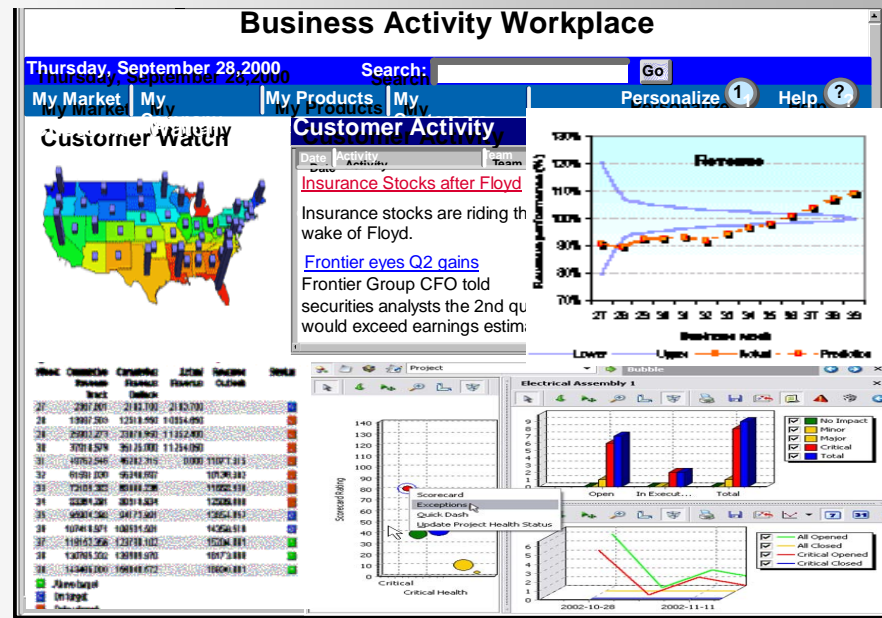
- High percent of premium income goes in claims; major fluctuations
- Complaints about speed of processing, accuracy, response
- Can't see the end-to-end process, how the best clients are treated
- Can't compare and accurately predict claims ratio vs. last period
- Many systems and processes involved
- Feels a lack of control



# Getting Specific: A Solution for Insurance

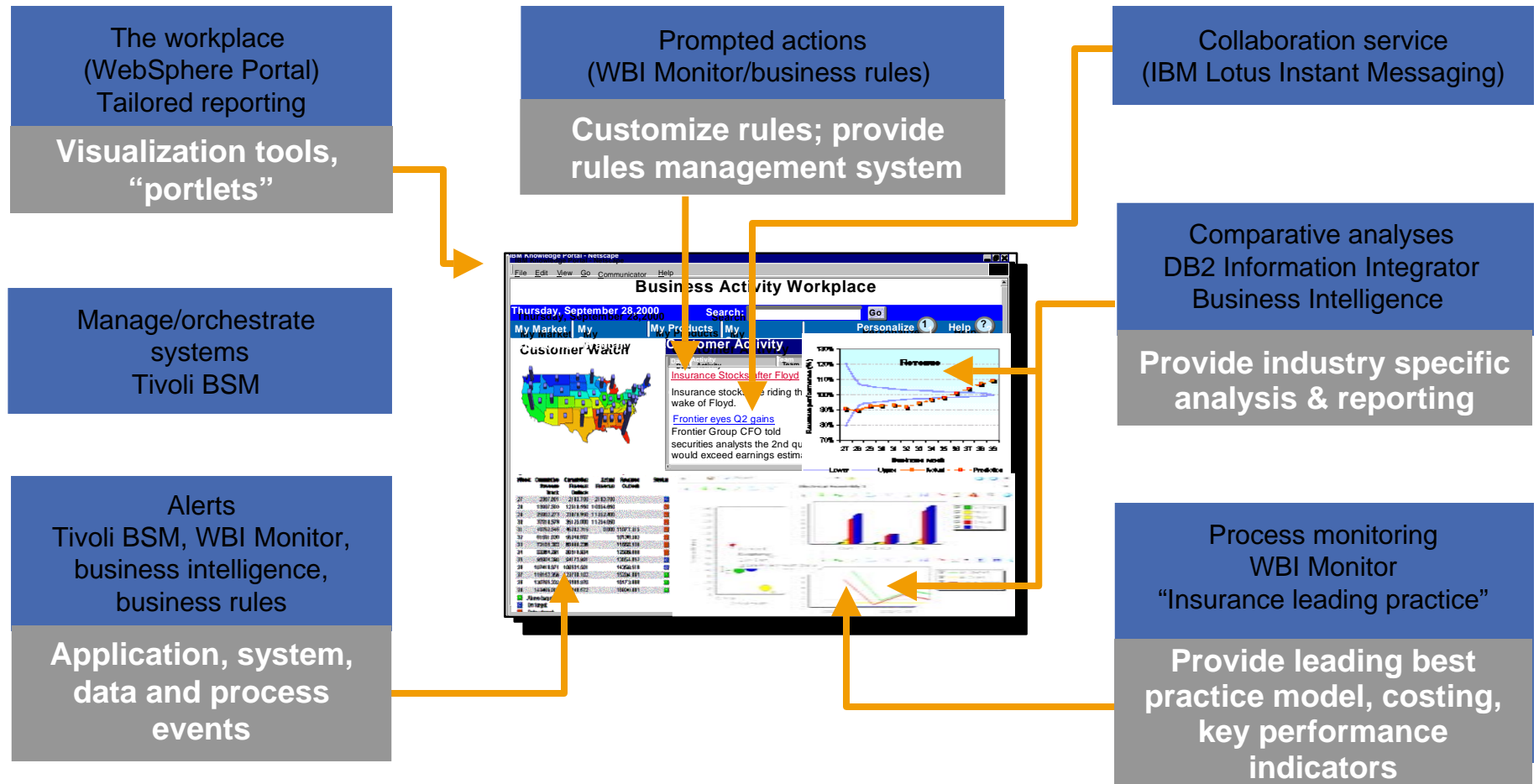
## Insurance executive's solution

- “Workplace” provides overall visibility to processes
- Ability to “drill down,” understand, collaborate, act
- Common, shared view of operations across company
- Specific comparisons with any previous period

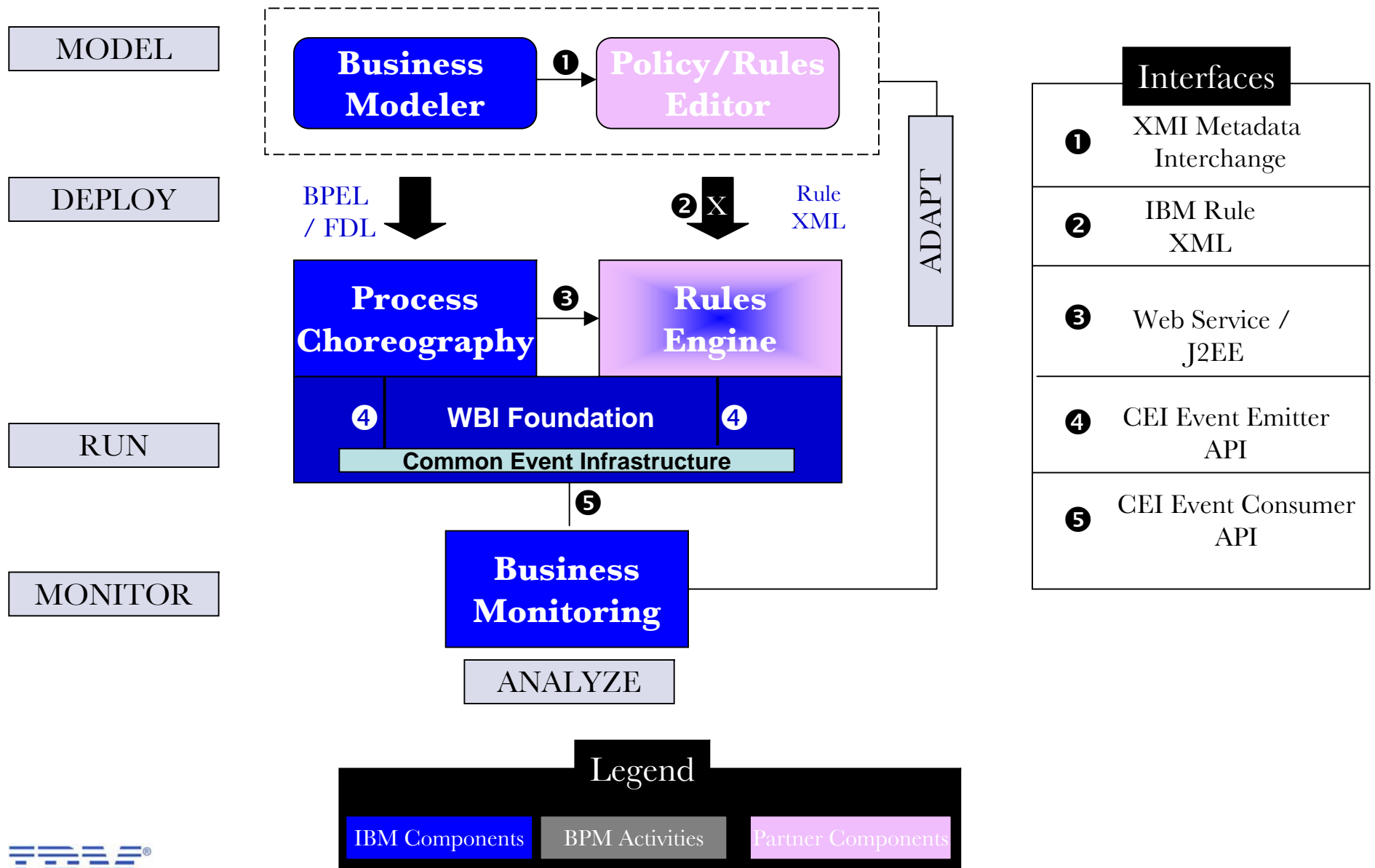




# Working Together to Deliver an Insurance Solution



# BPM Business Rules Domain Demonstration



# Demonstrating Business Performance Management

---

## Insurance

- Scenario: Insurance company seeking to improve the claims process to increase responsiveness and reduce costs
- Available at [ibm.com/software/bpm](http://ibm.com/software/bpm) today
- Partner: Corticon

## Retail

- Scenario: Retailer optimizing its fulfillment process to eliminate stockouts
- Check it out at booth #108
- Will be posted to [ibm.com/software/bpm](http://ibm.com/software/bpm) by March 31
- Partner: Alphablox

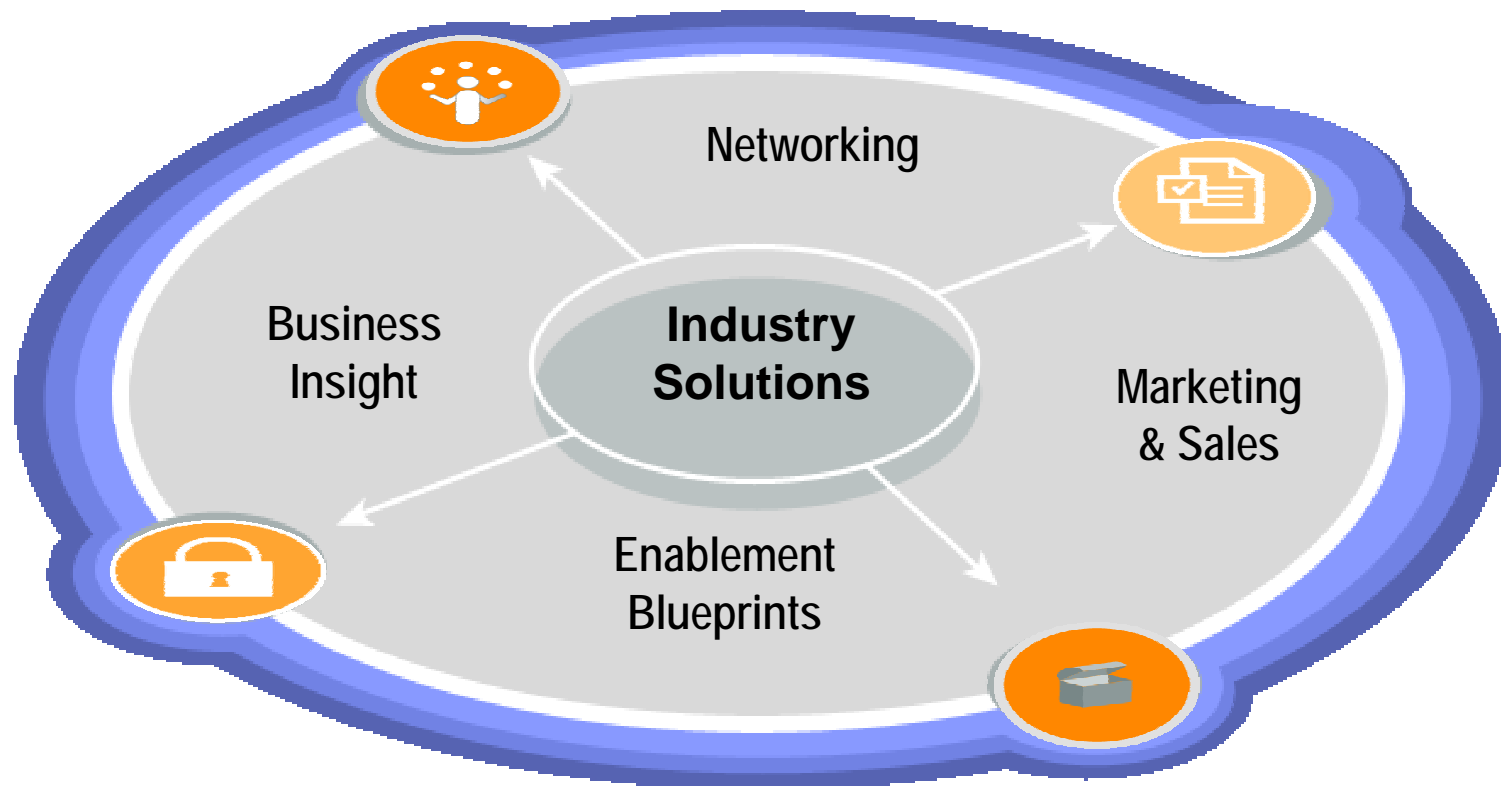
## Manufacturing

- Scenario: Manufacturer seeking to improve credit approval processes to address customer satisfaction problem
- Check it out at booth #108
- Will be posted to [ibm.com/software/bpm](http://ibm.com/software/bpm) by March 31
- Partner: Cognos



# PartnerWorld Industry Network

**Optimizes** ISV's PartnerWorld Experience for  
**Vertical Industry Success**



[ibm.com/isv](http://ibm.com/isv)



Initially Retail, Banking, Financial Markets, Life Sciences, Healthcare, Telco

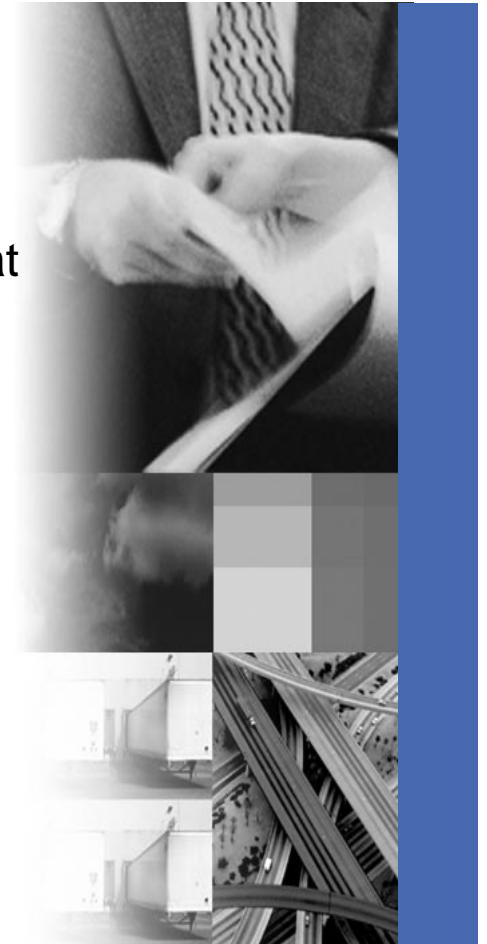
IBM Business Partner use only | PartnerWorld 2004

# To Enrich the Ecosystem, IBM Announces the Business Performance Management Framework Domains

- The Business Performance Management Domains are an assembly of tools, content, and runtime components from IBM and Partners.
- Business Performance Management is an open framework that takes advantage of service oriented architecture & web services technologies making solutions easier, faster and more flexible to deploy.
- The framework domains specify the functional components for BPM, their interfaces, and interactions.

**Net: The Business Performance Management Framework...**

**...is the team's "play book" to leverage core competencies to deliver value to customers**



# Recipe for Success

## The Business Rules Domain

Outlines the technical interfaces partners can exploit to integrate business rules for dynamic process control and adaptive performance management.

## The Workplace Domain

Delivers collaborative workplaces for human users with specific roles to manage business & IT operations based on visualized real-time performance metrics and alerts.

## The Information Domain

Specifies the technical interfaces that partners can exploit to analyze and report real-time business event and performance information.

## The Common Event Infrastructure

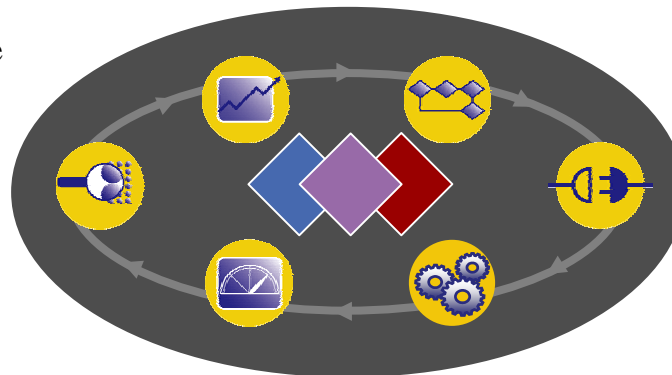
Specifies a commonly applicable event infrastructure for business and IT event management.

## The Process Domain

Delivers tools to model, integrate, and manage business operations.

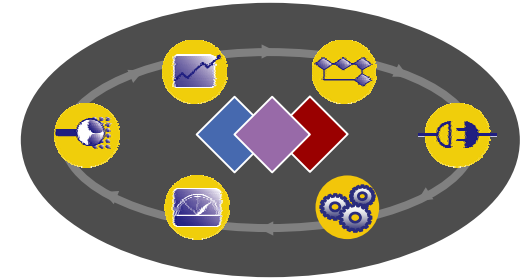
## The Business Systems Domain

Delivers tools to align IT with business operations to assess impact and optimize value



# The Process Domain

Delivers tools to model, integrate, and manage business operations



Enables partners to use integrated modeling tools to:

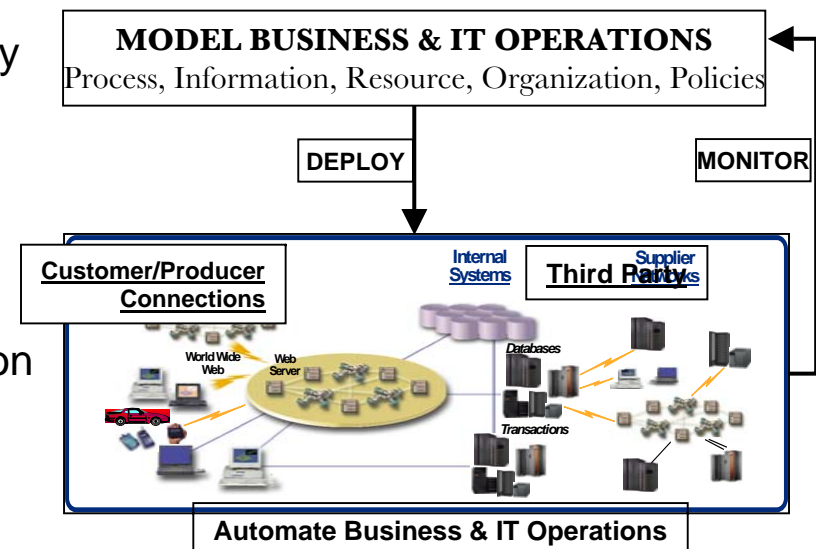
- Design business process quickly and graphically
- Simulate processes to project business benefits
- Integrate people, processes, and applications efficiently
- Deploy automated applications with minimal coding

## • Available Today

- WebSphere Business Integration Modeler
- WebSphere Business Integration Modeler Entry
- Redbooks and technical documentation

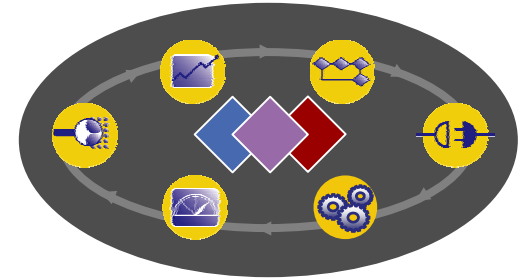
## • Commitment to Open Standards

- UML based metamodel
- Eclipse tools base
- User interface with UML/BPMN-derived Notation
- Export to BPEL, WSDL, XSD
- Save in XMI format



# The Common Event Infrastructure

Specifies a commonly applicable event infrastructure for business and IT event management.



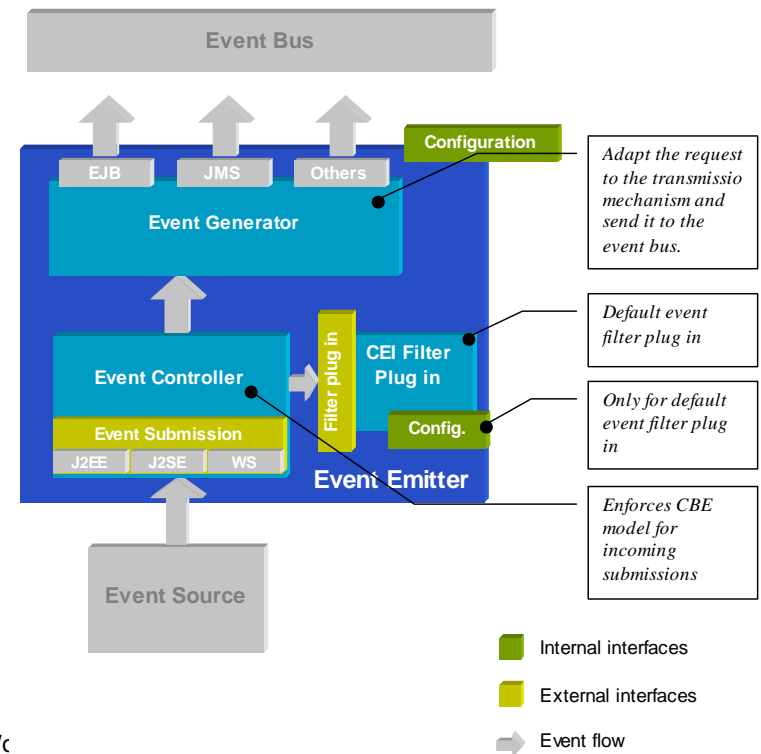
Enable partners to leverage a unified event management format and infrastructure for the creation, transmission, and distribution of a wide range of business, system, and network events.

- **Coming Soon, next 90 days**

- Whitepaper
- Software Development Kit and “cookbook” explaining entire process

- **Commitment to Open Standards**

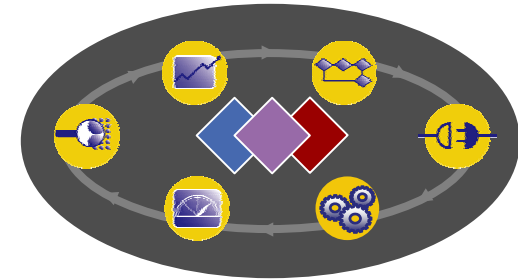
- Common Base Event is proposed as a standard format for business and IT events to the Organization for the Advancement of Structured Information Standards (OASIS) web services distributed management technical committee.
- Many companies, including CISCO, have agreed to use this format





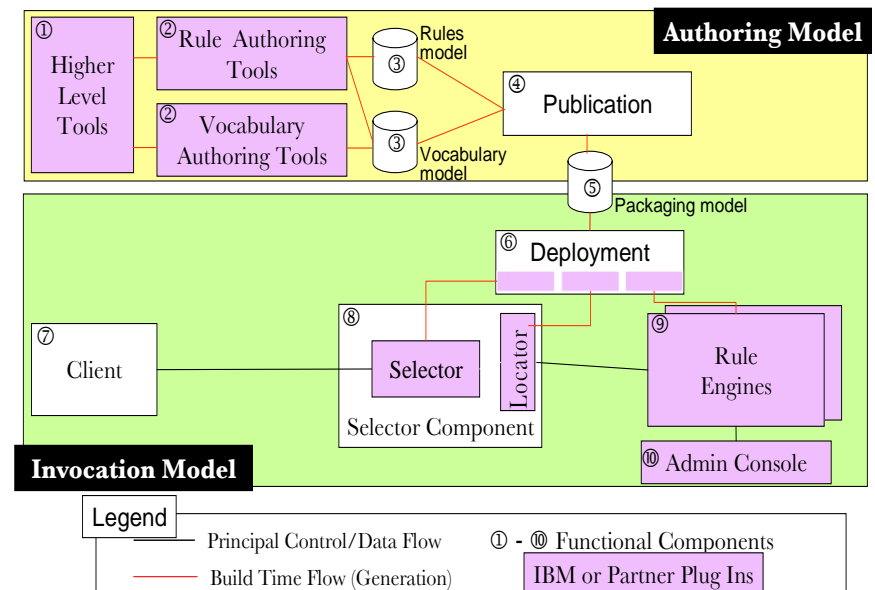
# The Business Rules Domain

Outlines the technical interfaces partners can exploit to integrate business rules for dynamic process control and adaptive performance management.



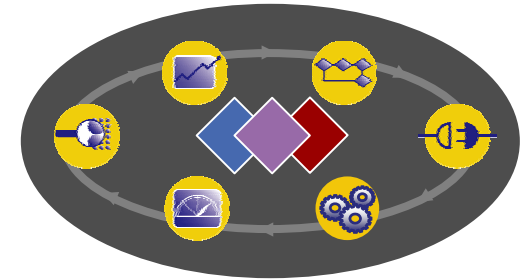
Enable partners to plug-in rules engines, contribute rule authoring tools, specify business rules for specific business process management domains, as well as provide decision logic.

- Accommodate rules that are used in:
  - business processes
  - adaptive actions in response to business situations
- Coming Soon, next 90 days
  - Whitepaper
  - Software Development Kit
- Commitment to Open Standards
  - The rule authoring will use a UML based representation and the rule invocation will use J2EE/Web Services standards.
  - Submitted Rules XML standard proposal



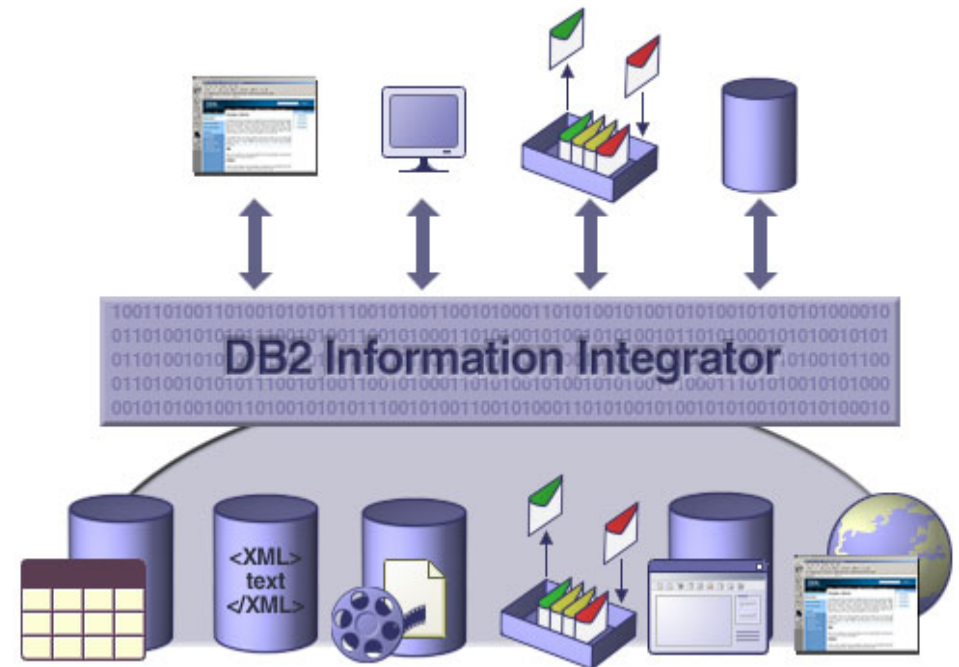
# The Information Domain

Specifies the technical interfaces that partners can exploit to analyze and report real-time business events and performance information



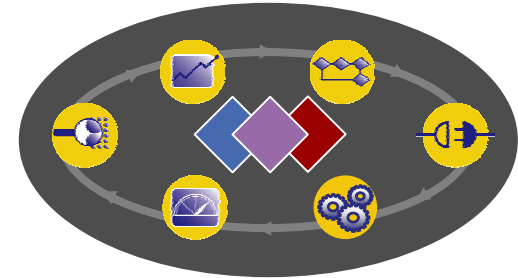
Enable partners to provide user customizable real-time analytics and reporting of business performance as well as unified data integration and business intelligence to assess performance and prioritize actions.

- **Web Services Access to information management services to support quick assembly of BPM solutions.**
- **Coming Soon, next 30 days**
  - Whitepaper
  - Demo
- **Commitment to Open Standards**
  - Web Services standard
  - Open language standards such as JDBC, ODBC, and other industry standards



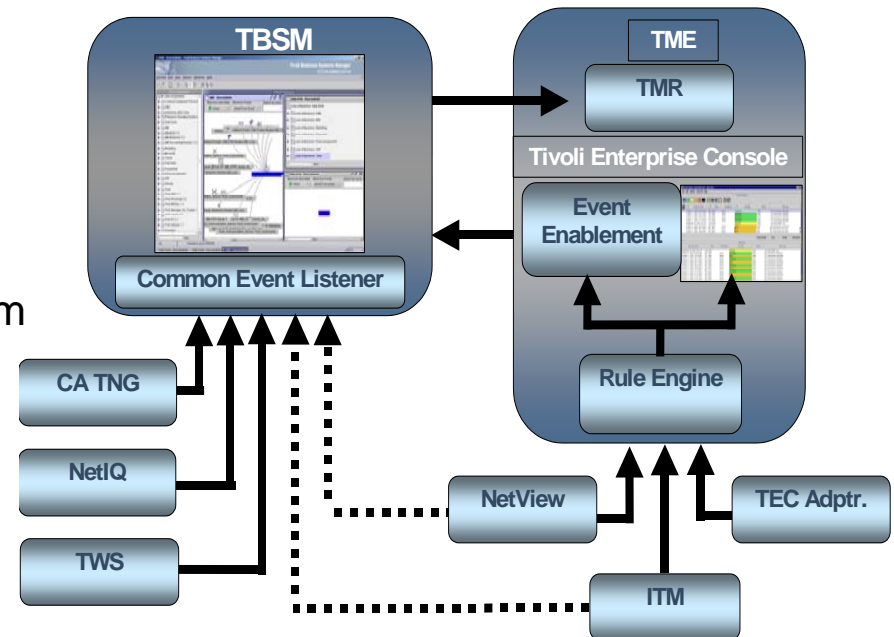
# The Business Systems Domain

Delivers tools to align IT with business operations to assess impact and optimize value



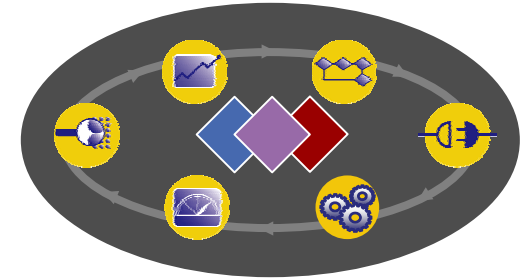
Enables partners to consolidate and dynamically manage resources critical to business operations

- **Available Today**
  - Tivoli Enterprise Console and Tivoli Business Systems Management
  - Tools and Documents in the IBM PartnerWorld "Ready for Tivoli" Program
  - Whitepaper
- **Commitment to open event and system management standards**



# The Workplace Domain

Delivers collaborative workplaces for human users with specific roles to manage business & IT operations based on visualized real-time performance metrics and alerts



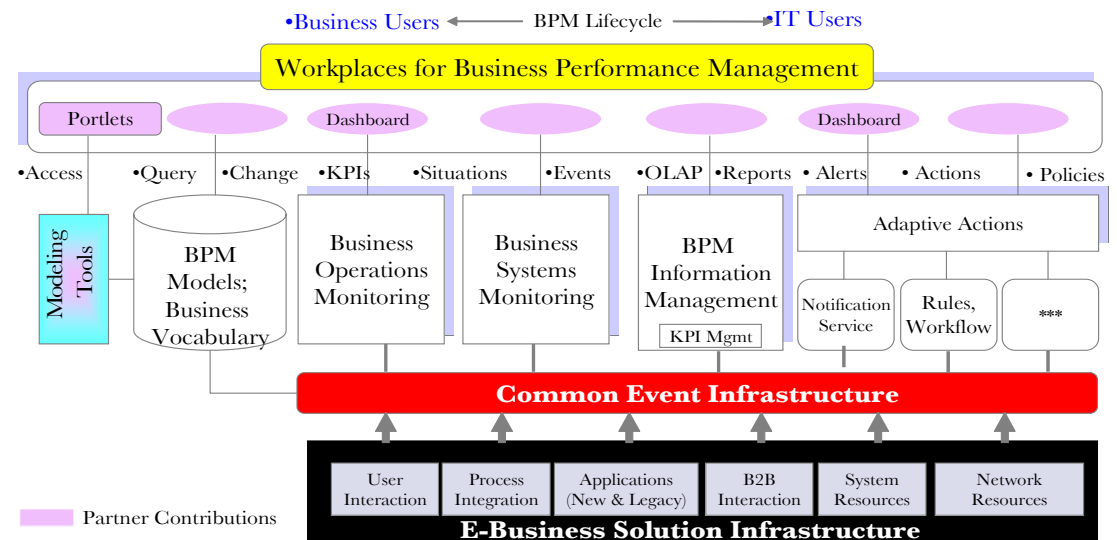
Enable partners to provide user-customizable actionable insights and virtual team collaboration to take real time actions using role-based, context-sensitive Workplaces.

- **Available Today**

- Lotus Workplace supports human interaction and collaboration capabilities that can be extended using WebSphere Portal to access enterprise process, applications and systems.
- Whitepaper

- **Commitment to Open Standards**

- Workplace Domain is based on J2EE, Web Services and Content Management Standards



# Business Performance Management Thought Leaders



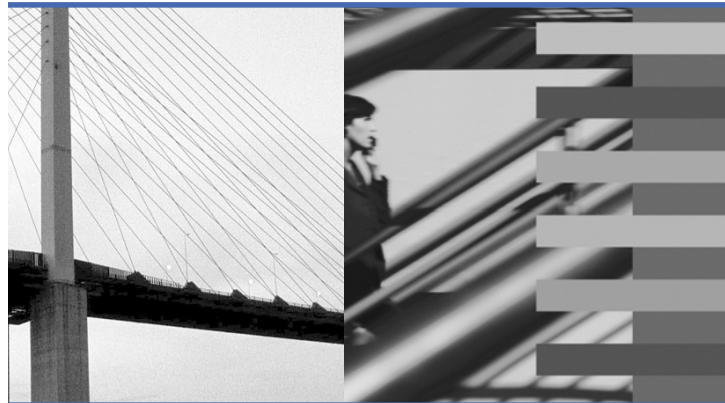
....and the list keeps growing



# Business Performance Management Initiative Description

**IBM is rolling out a partner initiative intended to provide partners with resources to help develop solutions that can work together:**

- Educational and technical support resources to partners
- Partners may opt to enable their products to the IBM Business Performance management architecture
- As the partnership grows, partners can contribute to the standards efforts and engage with a specialized team to accelerate customer deployments of joint solutions



## Goal

Build a large community of Business Performance Management partners who together with IBM will drive growth for the emerging market opportunity.





# How You Can Participate

---

1

## **Become a Pioneer in Business Performance Management**

- Join the partner Business Performance Management community
- Enable your solutions for the on demand Business Performance Management roadmap
- Access educational tools and materials to learn about Business Performance Management from IBM
- Enjoy joint marketing benefits from the Business Performance Management community and Partner Industry Networks programs

2

## **Educate Customers about Business Performance Management**

- Demonstrate market leadership in the Business Performance Management space by adopting the IBM strategy
- Build your solutions on the market leading BPM solutions from all IBM software brands (Data Management, Lotus, Rational, Tivoli, WebSphere)
  - Enablement programming coming in 2004

3

## **Visit [ibm.com/software/bpm](http://ibm.com/software/bpm)**



# As the Partnership Grows...

---

- **Work with IBM to drive the development of the Business Performance Management market**
  - Join IBM in cooperatively developing the concepts behind Business Performance Management (including standards) and clearly articulate the customer value Business Performance Management delivers in areas of mutual interest
  - Collaborate on input for open standards initiatives
- **Together with IBM, drive awareness and interest in Business Performance Management market**
  - Work with IBM to determine a joint Go To Market strategy for BPM
  - Utilize a specialized IBM Business Performance Management team to 'jump start' our mutual customers on joint BPM solutions





# What's in it for You?

The IBM portfolio will provide strong currency in the Business Performance Management marketplace as IBM and Partners develop solution offerings

## **IBM funded market awareness**

You, IBM and your customer announcing validated Business Performance Management solutions

## **Global visibility**

List your Business Performance Management solution in the IBM catalog

## **Global exposure**

Benefit from IBM marketing activities that highlight joint customers in on demand reference accounts

## **Drive increased revenue via IBM exposure**

Additional visibility with Analyst, Press and Customers via participation with IBM



# Summary and Where to Go

**IBM Partner Framework for Business Performance Management speed the delivery of solutions and lower risk of implementation.**

**IBM and IBM partners provide the overall solution to Business Performance Management. Jointly, we ensure managers:**

- Can see what is currently happening
- Can put what's happening into context
- Can take actions to make changes quickly

**Details on the partner initiative and the reference Domains are available at:**

[www.ibm.com/software/bpm](http://www.ibm.com/software/bpm)

