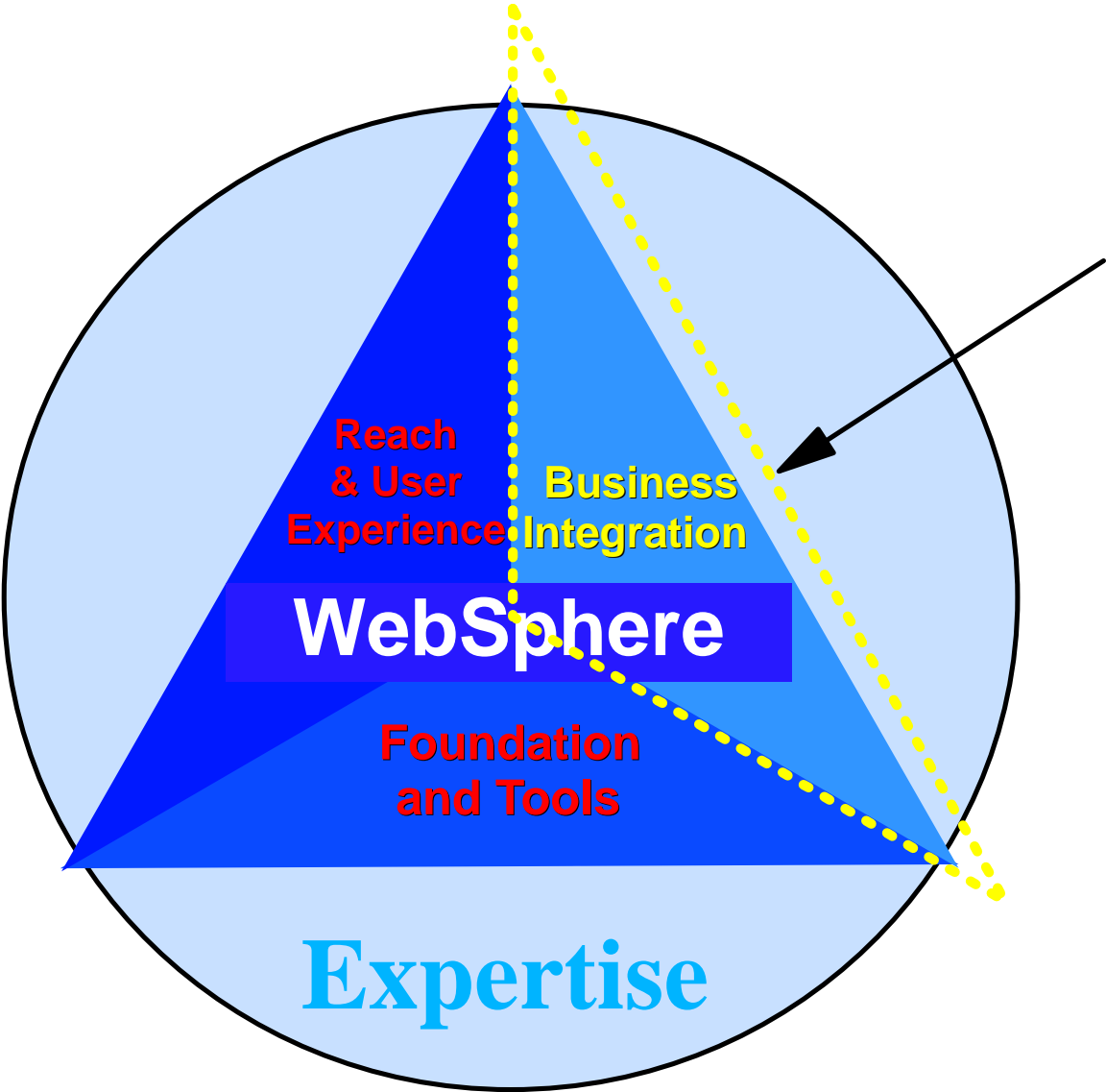


WebSphere Summit

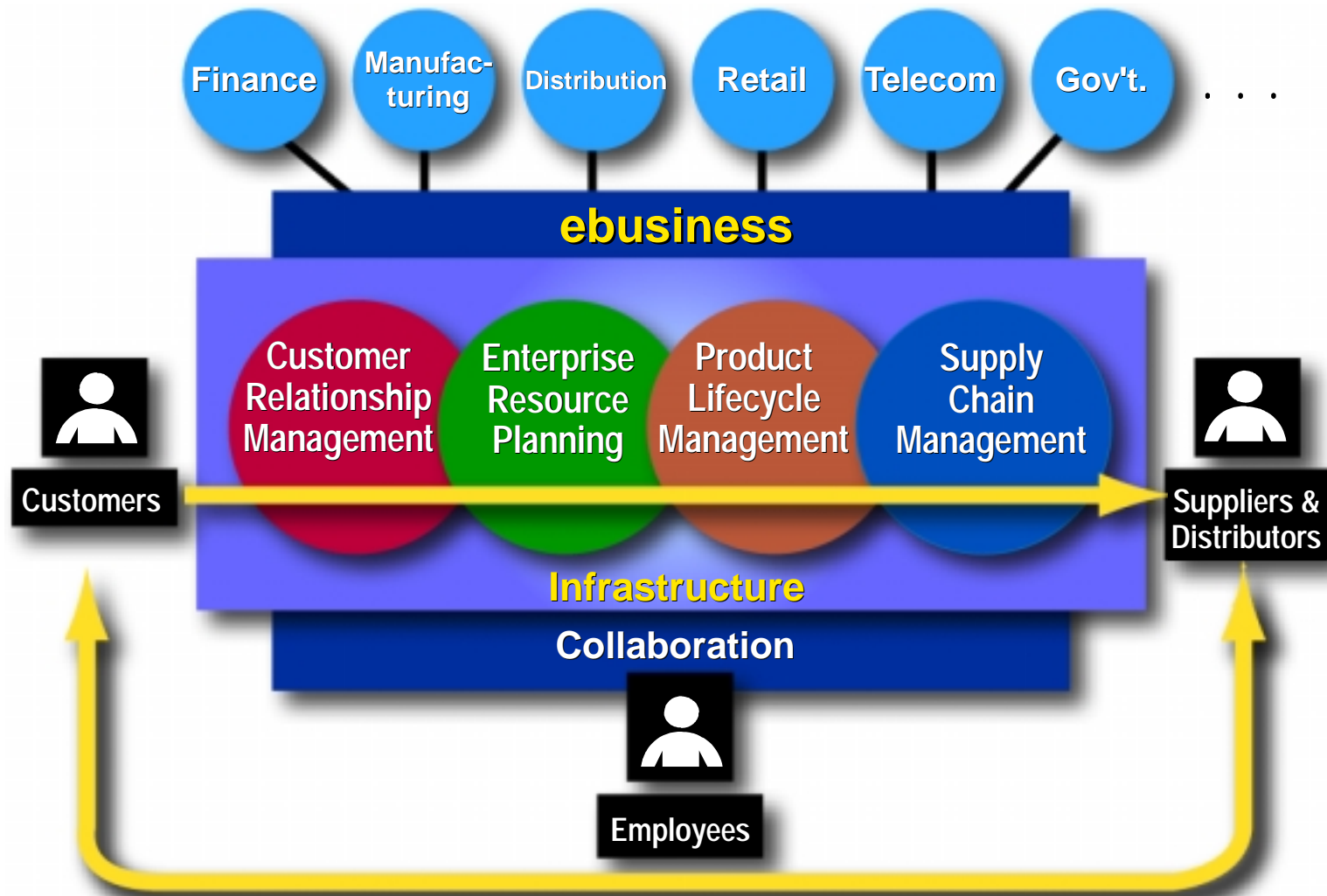
Integration

Integration



What is Integration?

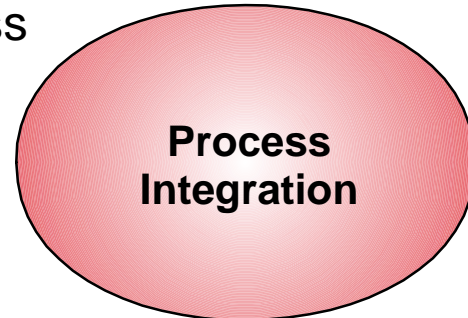
- Science of bringing together disparate applications and data stores to define a cohesive system
- The key requirement for dynamic ebusiness



Integration Requirements

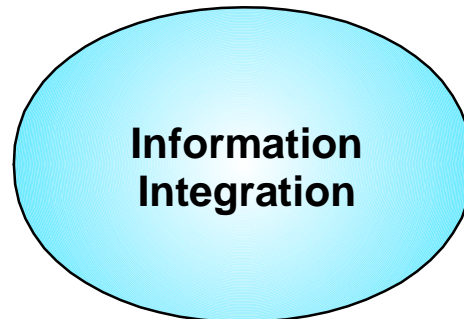
Integration of business processes that span multiple existing applications

- Straight Through Process
- Long Running Process
- B2B

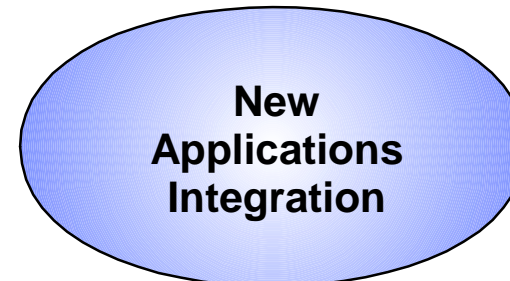


Integration of information that spans multiple existing systems

- Messaging/Connectivity
- Routing/Transformation



Integration of new web applications



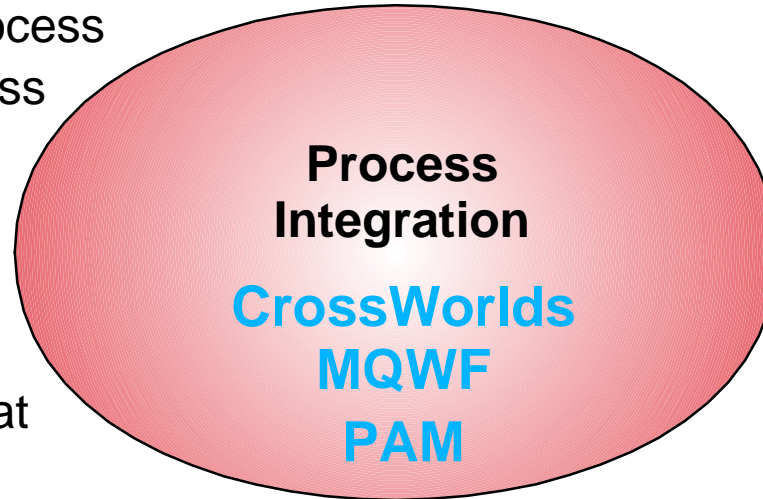
IBM Integration Product Family

- Modular approach to providing integration capabilities
- Best of breed products for each requirement
 - ▶ WebSphere Application Server (WAS)
 - ▶ WebSphere MQ (MQ)
 - ▶ WebSphere MQ Integrator
 - Formally called MQSeries Integrator (MQSI)
 - ▶ MQSeries Workflow (MQWF)
 - ▶ CrossWorlds
 - ▶ Partner Agreement Manager (PAM)
- Products work together to meet any level of solution requirements

Best of Breed Products for Each Requirement

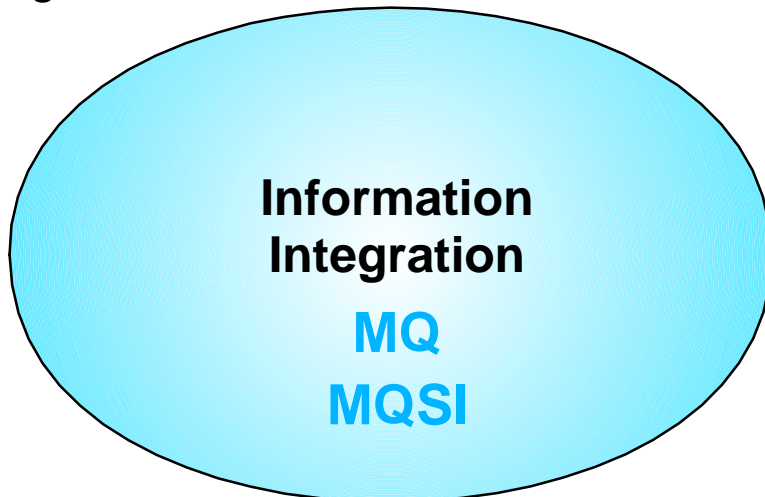
Integration of business processes that span multiple applications

- Straight Through Process
- Long Running Process
- B2B

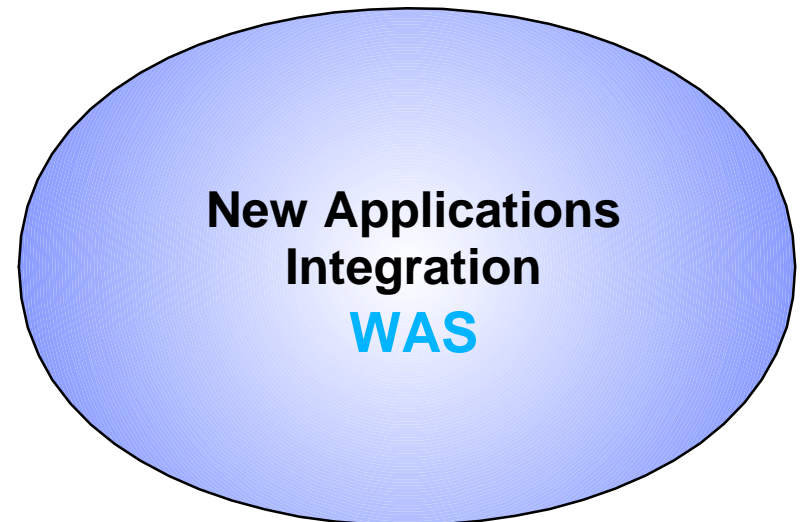


Integration of information that spans multiple systems

- Messaging/Connectivity
- Routing/Transformation

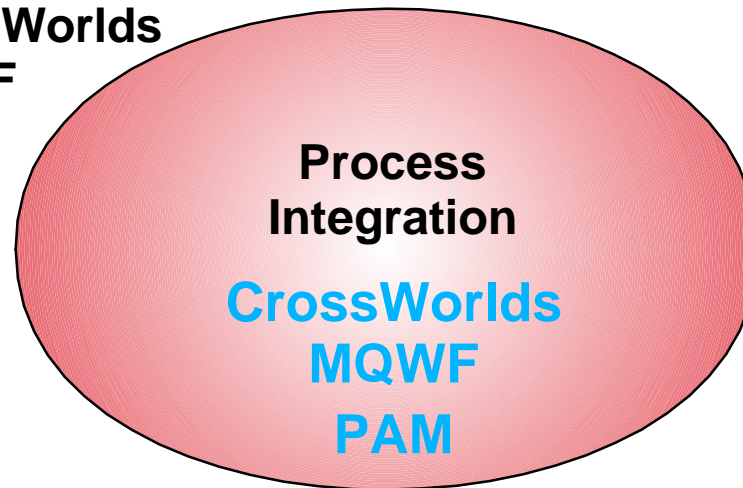


Integration of new web applications

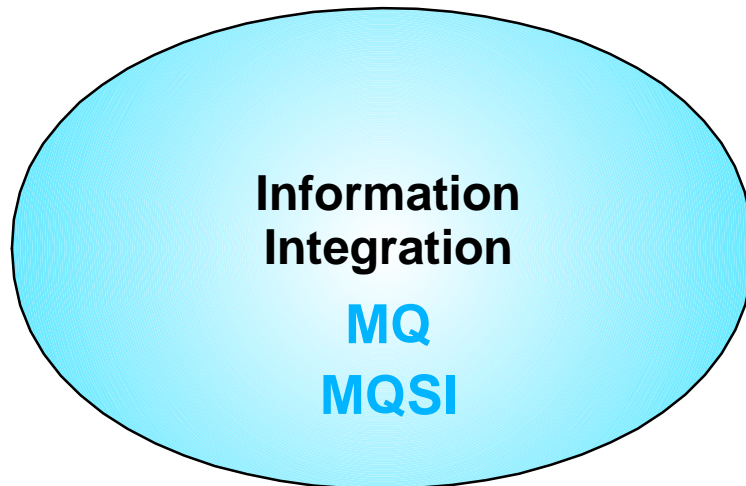


Growth Opportunities - IBM Products

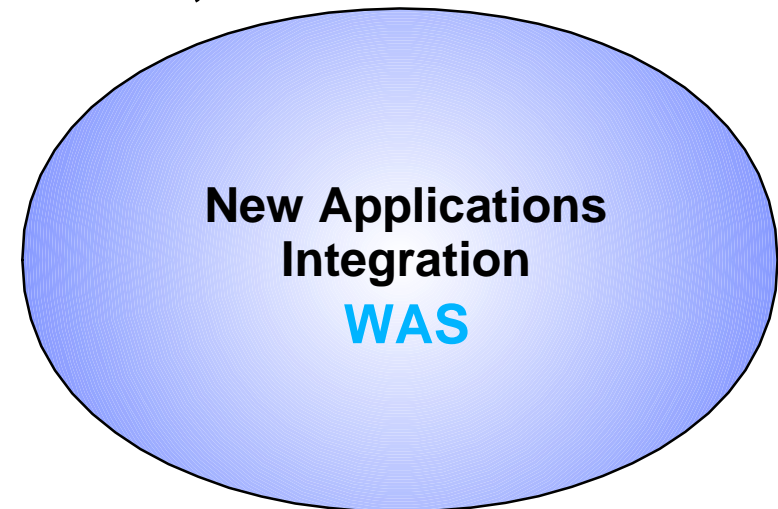
Use
CrossWorlds
MQWF
PAM



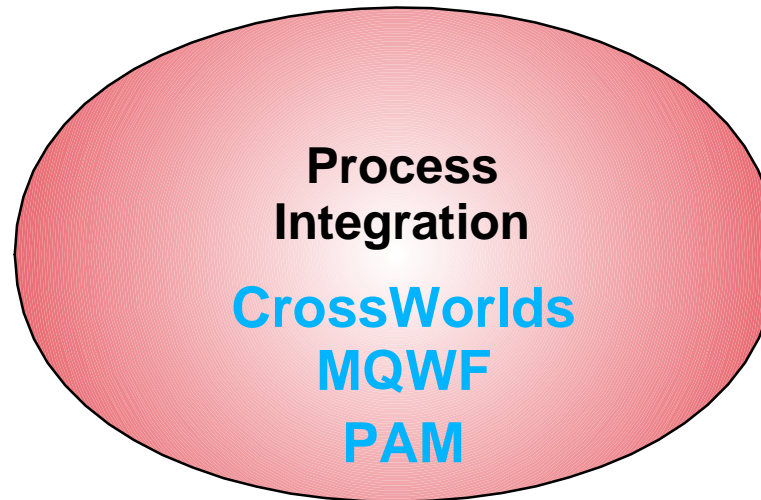
Add MQSI to MQ for use as
a high speed switch



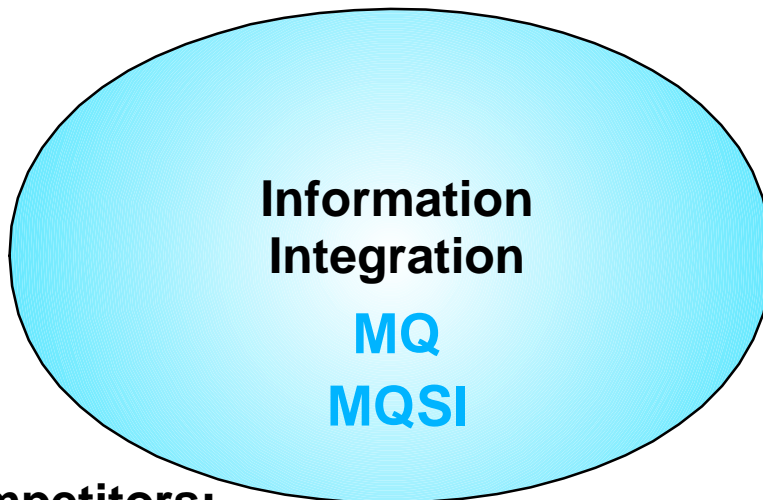
Use WAS for its J2EE/CA, XML,
JMS, Web Services and Tooling



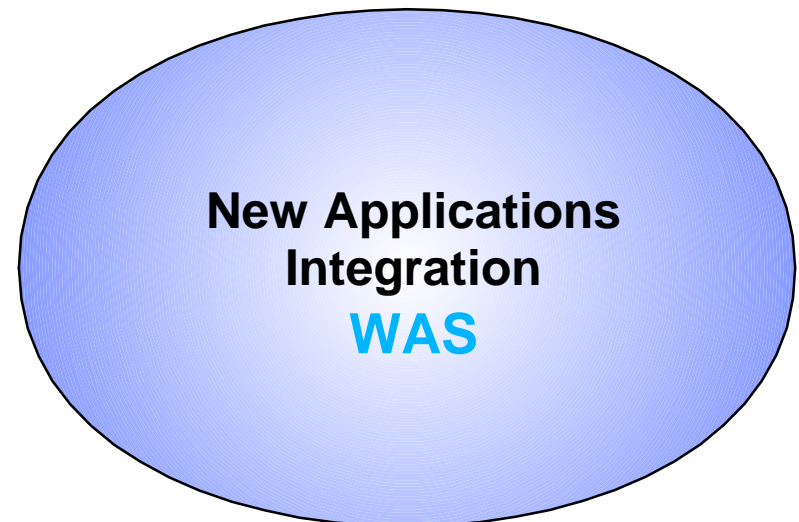
Competition



Competitors:
webMethods EAI ,
SeeBeyond, Tibco,
Vitria MS BizTalk, BEA
WebLogic Integrator

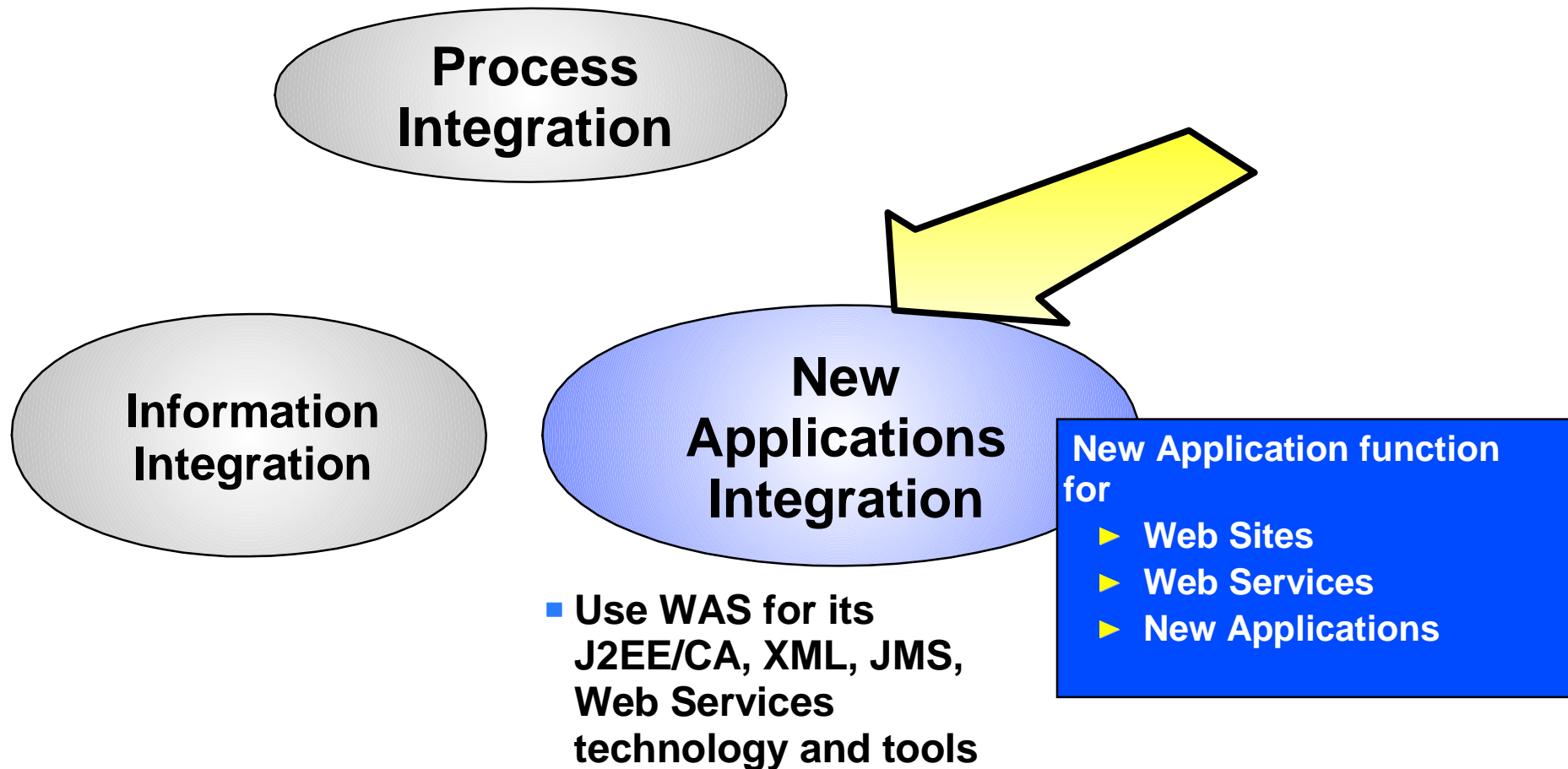


Competitors:
webMethods EAI, SeeBeyond,
Tibco, Vitria, Microsoft BizTalk,
BEA WebLogic Integrator



Competitors:
BEA WebLogic Integrator, iPlanet,
Oracle 9iAS

Developing & Integrating New Applications with WebSphere Application Server



Web Application Integration Requirements

- Connect Directly to Information Systems (EIS)
 - ▶ J2EE/CA invented by IBM and given to the standards
 - ▶ IBM has deepest implementation and best tools
- Connect to your messaging backbone for Enterprise Integration
 - ▶ Robust linkage to WebSphere MQ via JMS
 - ▶ Full MQ family capability
- Connect to your business partners using the new web services technologies
 - ▶ SOAP, UDDI, WSDL
 - ▶ Tools

WebSphere Standards Based Integration

■ J2EE Standards

- ▶ RMI/IIOP - Connect to remote objects
- ▶ JDBC - Connect to data bases
- ▶ JMS - Connect to other applications via messages
- ▶ J2EE/CA - Connect to other applications via APIs
- ▶ JTA/JTS - Connect as part of a transaction

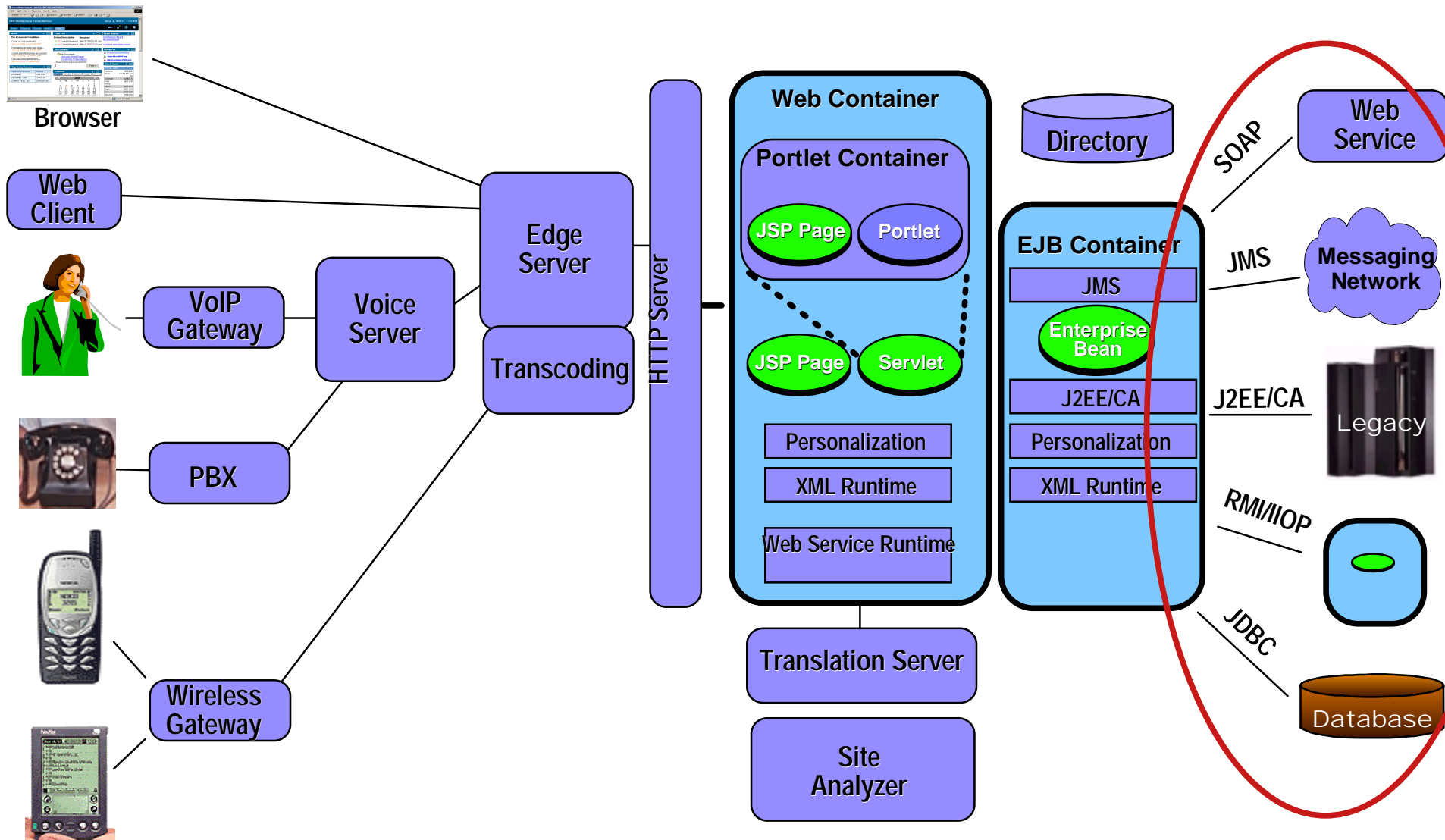
■ W3C Standards

- ▶ XML - Formatted data
- ▶ DTD/XSD (XML Schema) - Format Definitions
- ▶ XSLT - Transformations

■ Web Services

- ▶ UDDI, SOAP, WSDL - Find and connect to internet applications

WebSphere Platform Logical Elements



Friendly Finance Business Needs

New Application Integration

WebSphere Application Server with its advanced tooling for J2EE/CA, XML, JMS, Web Services will enable you to do this quickly and cost effectively



IBM

We want to capture sales leads from our internet customers.

Our business partners must be able to forward sales leads over the internet too.



Business Manager

We need a J2EE compliant application providing browser and web services interface.

We need to connect to our CICS database.

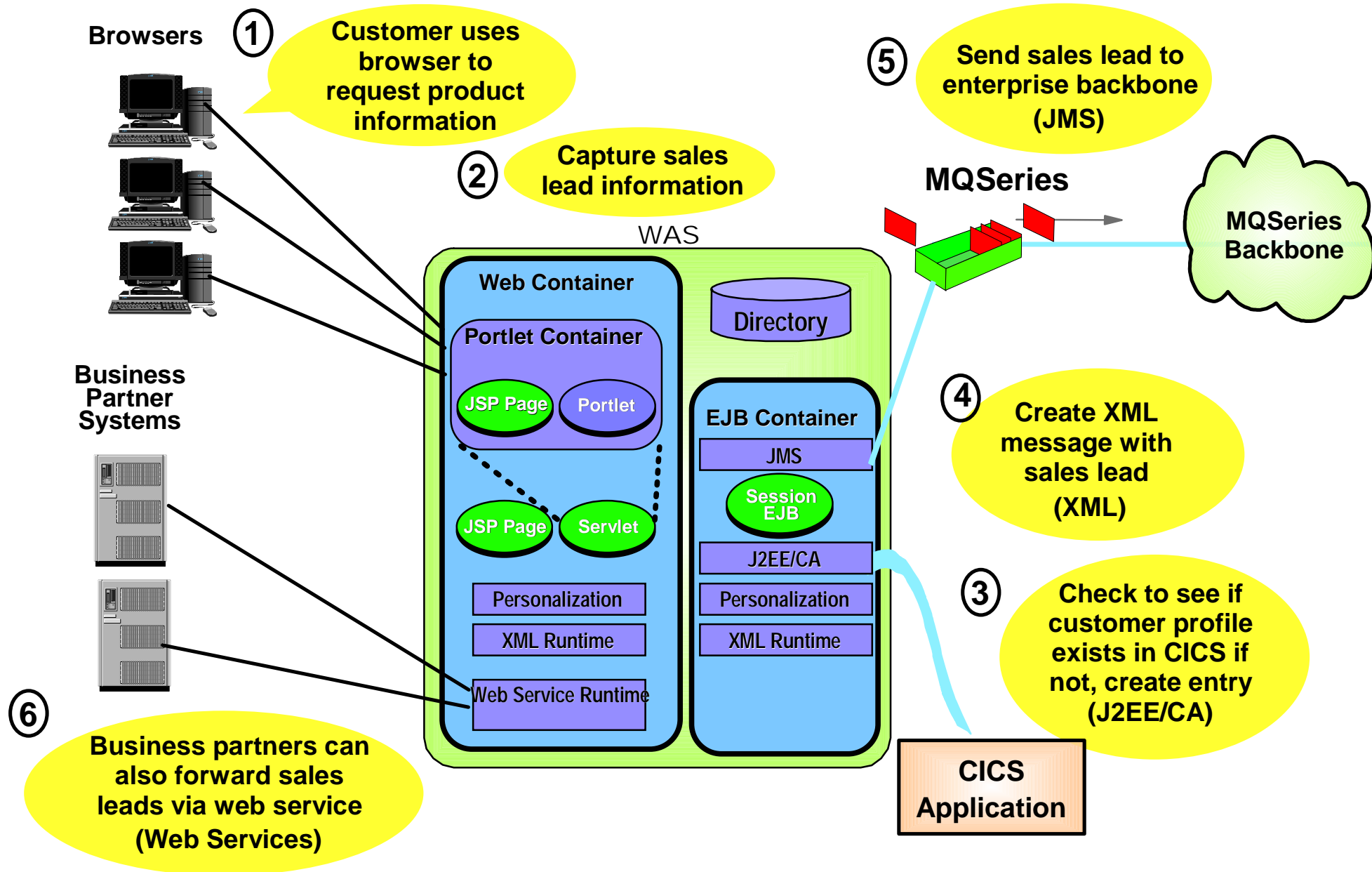
We need to tie into our WebSphere MQ backbone.

We need to do this quickly and cost effectively.



CIO

Friendly Finance - New Application to Capture Sales Leads



WebSphere Integration Technologies Demo

