iSeries. **my**Series.

WebSphere for iSeries Overview
Start Simple!

(Presentation 1 of 2)

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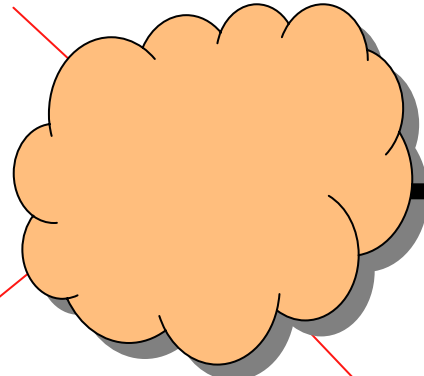# Agenda

- WebSphere? What is it?

- Start Simple! with these WebSphere products on iSeries

- Why WebSphere on iSeries?

- How can I get help?

iSeries. mySeries.

Did You Know?

Your iSeries server can leverage the Web to help your business cut costs, increase revenue, and better satisfy your customers! WebSphere can help!
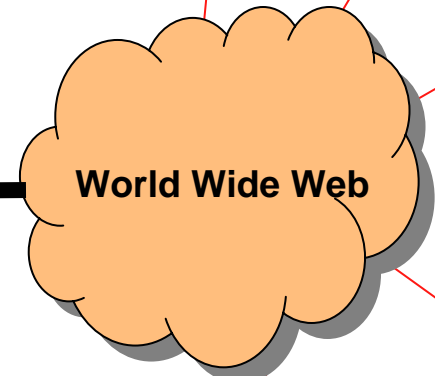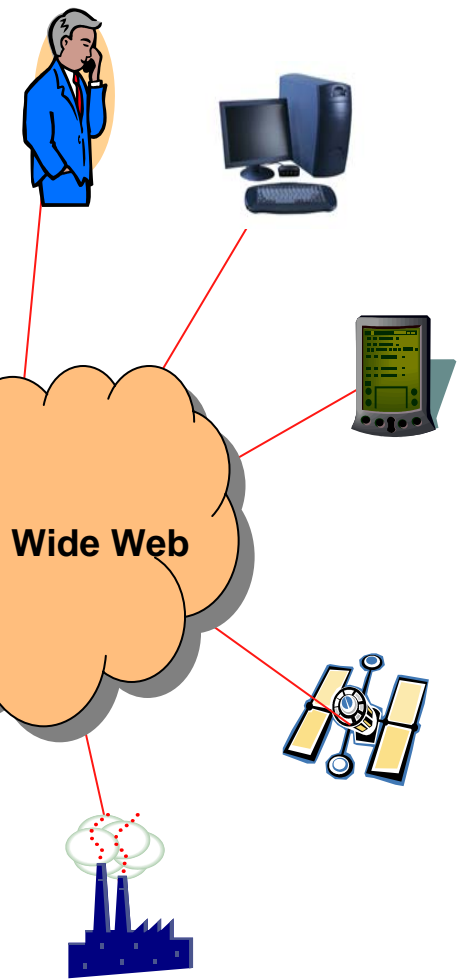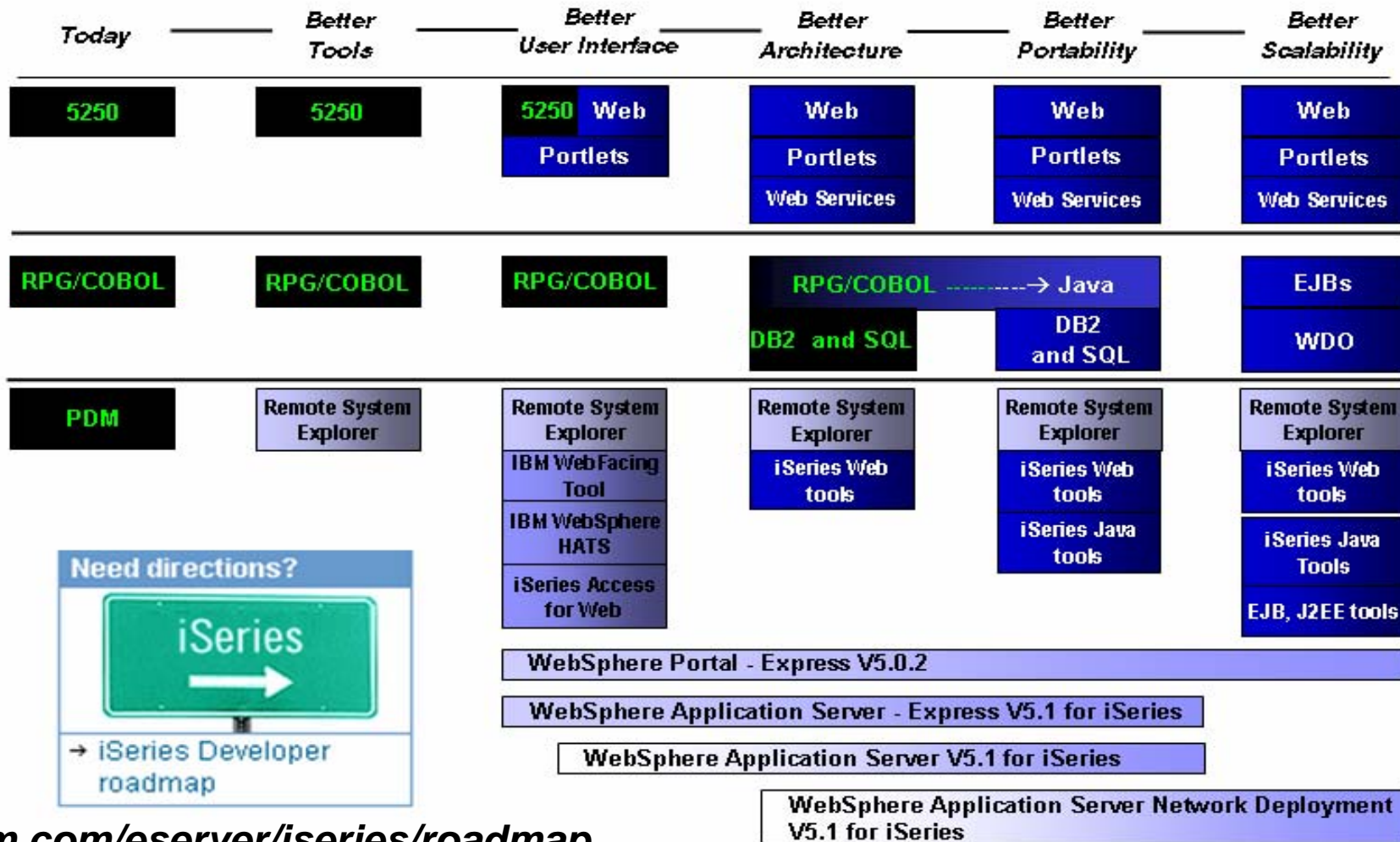
Your Applications

Your Data

World Wide Web

Your iSeries resources you've been investing in for 10, 20 years or longer!

Start Simple! Grow Fast! → iSeries Developer Roadmap

Today		Better Tools		Better User Interface		Better Architecture		Better Portability		Better Scalability

Today	Better Tools	Better User Interface	Better Architecture	Better Portability	Better Scalability
5250	5250	5250 / Web / Portlets	Web / Portlets / Web Services	Web / Portlets / Web Services	Web / Portlets / Web Services
RPG/COBOL	RPG/COBOL	RPG/COBOL	RPG/COBOL ------→ Java / DB2 and SQL / DB2 and SQL		EJBs / WDO
PDM	Remote System Explorer	Remote System Explorer / IBM WebFacing Tool / IBM WebSphere HATS / iSeries Access for Web	Remote System Explorer / iSeries Web tools	Remote System Explorer / iSeries Web tools / iSeries Java tools	Remote System Explorer / iSeries Web tools / iSeries Java Tools / EJB, J2EE tools

WebSphere Portal - Express V5.0.2

WebSphere Application Server - Express V5.1 for iSeries

WebSphere Application Server V5.1 for iSeries

WebSphere Application Server Network Deployment V5.1 for iSeries

Need directions?

iSeries

→ iSeries Developer roadmap

ibm.com/eserver/iseries/roadmap

iSeries. mySeries.

Start Simple! Grow Fast! → iSeries Developer Roadmap

Today	Better Tools	Better User Interface	Better Architecture	Better Portability	Better Scalability
5250	5250	5250 Web / Portlets	Web / Portlets / Web Services	Web / Portlets / Web Services	Web / Portlets / Web Services
RPG/COBOL	RPG/COBOL	RPG/COBOL	RPG/COBOL ----→ Java / DB2 and SQL / DB2 and SQL		EJBs / WDO
PDM	Remote System Explorer	Remote System Explorer / IBM WebFacing Tool / IBM WebSphere HATS / iSeries Access for Web	Remote System Explorer / iSeries Web tools	Remote System Explorer / iSeries Web tools / iSeries Java tools	Remote System Explorer / iSeries Web tools / iSeries Java Tools / EJB, J2EE tools

WebSphere Portal - Express V5.0.2

WebSphere Application Server - Express V5.1 for iSeries

WebSphere Application Server V5.1 for iSeries

WebSphere Application Server Network Deployment V5.1 for iSeries

Start Simple!

iSeries. mySeries.

What is WebSphere?

WebSphere is an IBM software brand. Based on open standards, it defines a set of software products and capabilities which allows customers to develop and deliver dynamic e-business solutions quickly.

Model

Manage   **Transform**

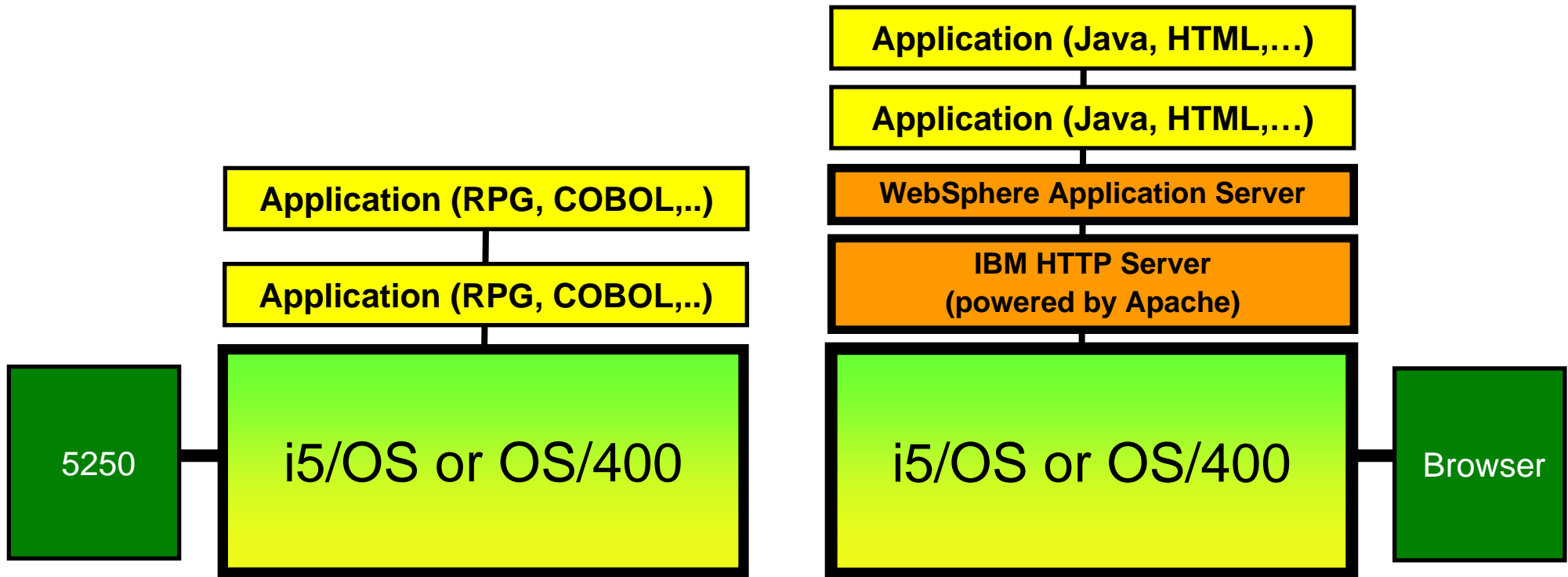**Interact**   **Integrate**

Accelerate
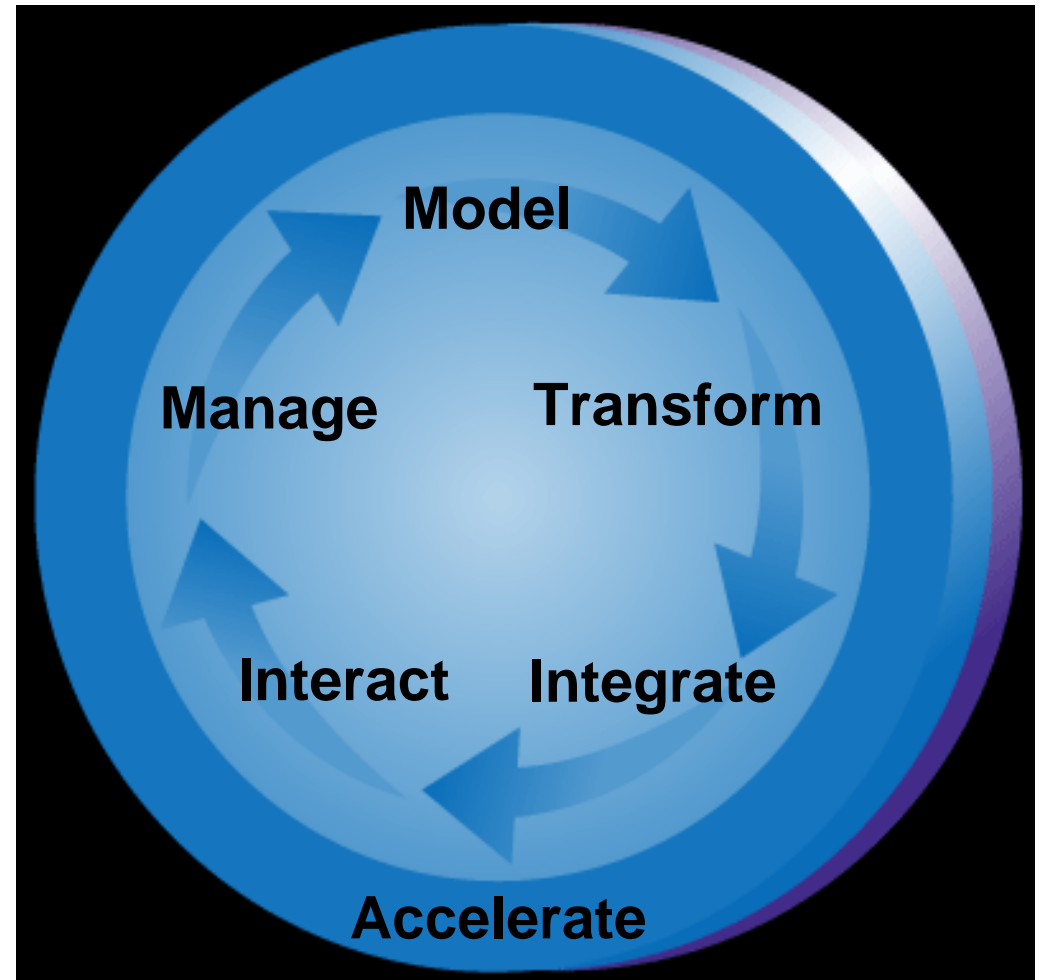
What Can WebSphere Do For You?

WebSphere software platform products on IBM eServer iSeries allow you to:

- ➢ Develop business applications in many different languages
- ➢ Serve your custom or ISV purchased Web-based applications
- ➢ Get started quickly with your first Web-based application
- ➢ Modernize and extend your native iSeries applications to the Web
- ➢ Provide a customizable single point of access to business applications, information, and people
- ➢ Conduct online selling, buying, and channel management
- ➢ Pursue supply chain integration through UCCnet's GLOBALregistry

© 2004 IBM Corporation

Start Simple! with WebSphere

A comparison of the traditional iSeries native application environment with a Web application environment

| Application (Java, HTML,...) |
| Application (Java, HTML,...) |
| WebSphere Application Server |
| IBM HTTP Server (powered by Apache) |

| Application (RPG, COBOL,..) |
| Application (RPG, COBOL,..) |

| 5250 | i5/OS or OS/400 |

| i5/OS or OS/400 | Browser |

The WebSphere Application Server Family

J2EE application server optimized to leverage z/OS qualities of service in a mainframe environment.

WebSphere Application Server for z/OS

WebSphere Extended Deployment

Delivers a dynamically scalable, easily manageable, and high performance environment for distributed applications.

WebSphere Application Server Network Deployment

Provides advanced deployment services that include clustering, edge-of-network services and high availability for distributed configurations.

J2EE and Web Services application server, delivering a high-performance and extremely scalable transaction engine for dynamic e-business applications.

WebSphere Application Server

WebSphere Application Server - Express

An out-of-the-box solution for managing simple yet dynamic Web sites with an easy-to-use Web application server and a development environment.

iSeries. mySeries.

WebSphere Announces Innovation Driving Enhanced Integration

WebSphere Application Server V6.0

- Common J2EE 1.4 Programming Model across all configurations

- Build Web Services and messaging applications with confidence and ease – easier to use JMS engine lets you seamlessly connect your applications to an Enterprise Service Bus

- Rapid development and deployment with ease of use enhancements such as Service Data Objects and Java Server Faces

- High availability services, including simultaneous detection and recovery capabilities

- Seamless migration to new configurations

  Write code once, run anywhere

- Increase the speed of delivering IT services

  Leverage JMS engine to exchange business data up to five time faster than previous releases*

  Reduce the programming steps to build an application by up to 75 percent by leveraging development and deployment enhancements

- Improve total cost of ownership

  Eliminate downtime of business critical applications that can cost as much as $110 thousand per minute *in specific scenarios

WebSphere Application Server V6

IBM will make the following components of WebSphere Application Server, V6 available at a later date:
- WebSphere Application Server — Express for iSeries™
- WebSphere Application Server for iSeries
- WebSphere Application Server Network Deployment for iSeries

IBM plans to release a V6.0 of the IBM WebSphere Application Server and IBM WebSphere Application Server Network Deployment that can exploit 64-bit processor architecture on the Power PC 5 platform, as well as other applicable platforms.

IBM may make improvements and changes in the programs described herein at any time without notice.

From IBM Announcement Letter 204-289, November 30, 2004
http://www.ibm.com/common/ssi/rep_ca/9/897/ENUS204-289/ENUS204-289.PDF

WebSphere Application Server (WAS) V5.1

An extended J2EE & Web services '*build-to-integrate*' platform for creating, composing & choreographing adaptable networked application flows and behaviors

iSeries Support

The *mainstream* Web services J2EE 1.3 certified application server enabling industry leading QoS and flexible deployment options

A J2EE and web services application server specifically optimized to the unique *QoS of z/OS*
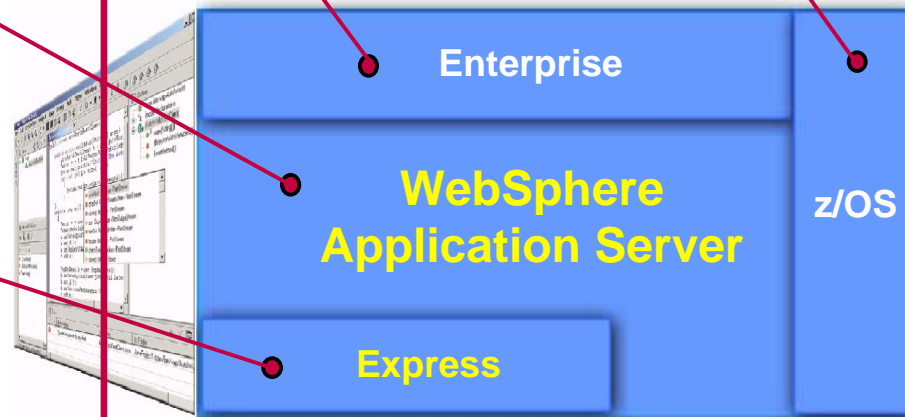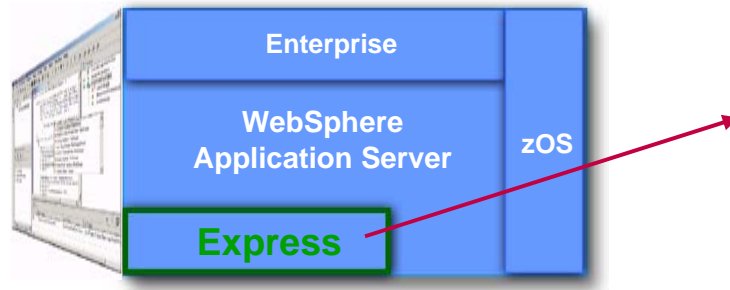
An easily approachable "*on-ramp*" to e-business, providing fast and productive development, deployment of dynamic web applications

Enterprise

WebSphere Application Server

z/OS

Express

WebSphere Application Server – Express V5.1 for iSeries

WebSphere Application Server - Express for iSeries

A cost effective, easily approachable "on-ramp" to e-business, providing fast and productive development, deployment & management of dynamic web sites

## ➢ Includes several components to build your e-business

- ❑ Application development tool - WebSphere Development Studio Client (WDSc) for PassPort Advantage orders only
- ❑ Web Application Server
- ❑ Out-of-the-box applications!

➢ Entitlement included in i5/OS V5R3!!

- ❑ IBM WebSphere Application Server – Express, V5.0 and IBM WebSphere Application Server – Express, V5.1 entitlement is included in i5/OS V5R3
- ❑ Licensed for all processors on your iSeries that are licensed to i5/OS
- ❑ Covered under iSeries Software Maintenance Agreement
- ❑ IBM WebSphere Application Server – Express, V5.0 still preloaded in V5R2 iSeries bundles

WebSphere Application Server - Express V5.1 for iSeries
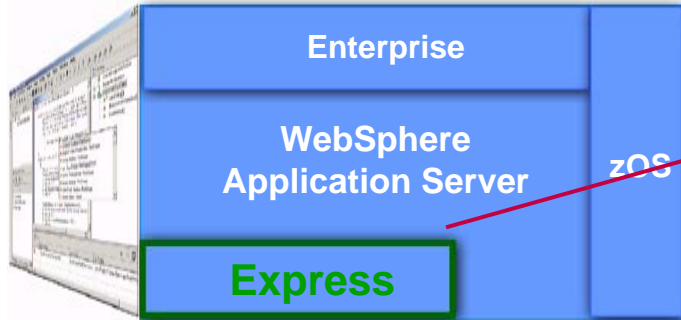
WebSphere Application Server - Express for iSeries

A cost effective, easily approachable "on-ramp" to e-business, providing fast and productive development, deployment & management of dynamic web sites

➢ **Priced right for Mid-Market!**

- ❑ Per-processor (unlimited number of web users - Intranet/Internet/Extranet) *OR*

- ❑ Per-user (Intranet only registered users - buy in increments of 20 users)

➢ **Supported on i5/OS V5R3 as well as OS/400 V5R2 and V5R1**

Minimum configuration for WebSphere - Express for iSeries is 300 CPW and 500MB of memory for fairly light workloads. Typical workloads, and environments that use the HTTP Server Administrative GUI will require 768MB memory.

Sub-Capacity Pricing Available for iSeries

WebSphere Application Server V5.1 (Base) & Network Deployment for iSeries

WebSphere Application Server

Enterprise	
WebSphere Application Server	zOS
Express	
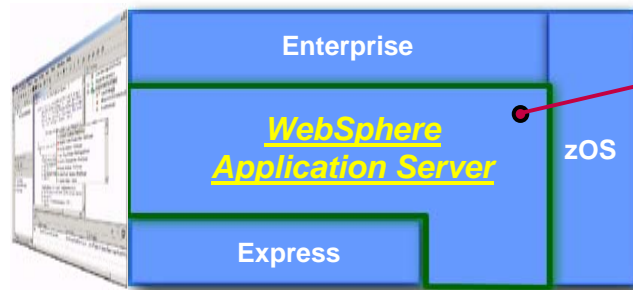
The *mainstream* Web services application server enabling industry leading QoS and flexible deployment options

➢ **Full J2EE v1.3 support** including Enterprise JavaBeans and Java Message Service

- ❑ Provides an XML Web services environment based on the latest open standards
- ❑ Improved, easy-to-use automated administration and management services
- ❑ Supported on i5/OS V5R3 and OS/400 V5R2M0 and V5R1M0.
- ❑ Network Deployment edition adds clustering, workload mgmt., distributed security, systems management & directory
- ❑ WAS Advanced V4 (single-server) - is now WebSphere Application Server V5 and WAS Advanced V4 (multi-server) - is now WAS Network Deployment V5

Sub-Capacity Pricing Available for iSeries

A history of providing WebSphere Application Server (WAS) with OS/400…

2005

2004

WAS 4.0
• **Advanced Single Server**
• **Advanced**

2003

2002

WAS 2.02
• Standard (included w/ OS/400)

2001

2000

1999

1998

WAS 3.0.2
• Standard (included w/ OS/400)
• Advanced

WAS 5.1
• Express (included w/ i5/OS V5R3)
• Base
• Network Deployment

WAS 5.0
• Express (included w/ i5/OS V5R3 and iSeries Editions)
• Base
• Network Deployment

WAS 1.1
• Standard (included w/ OS/400)

WAS 3.5
• Standard (included w/ OS/400)
• Advanced
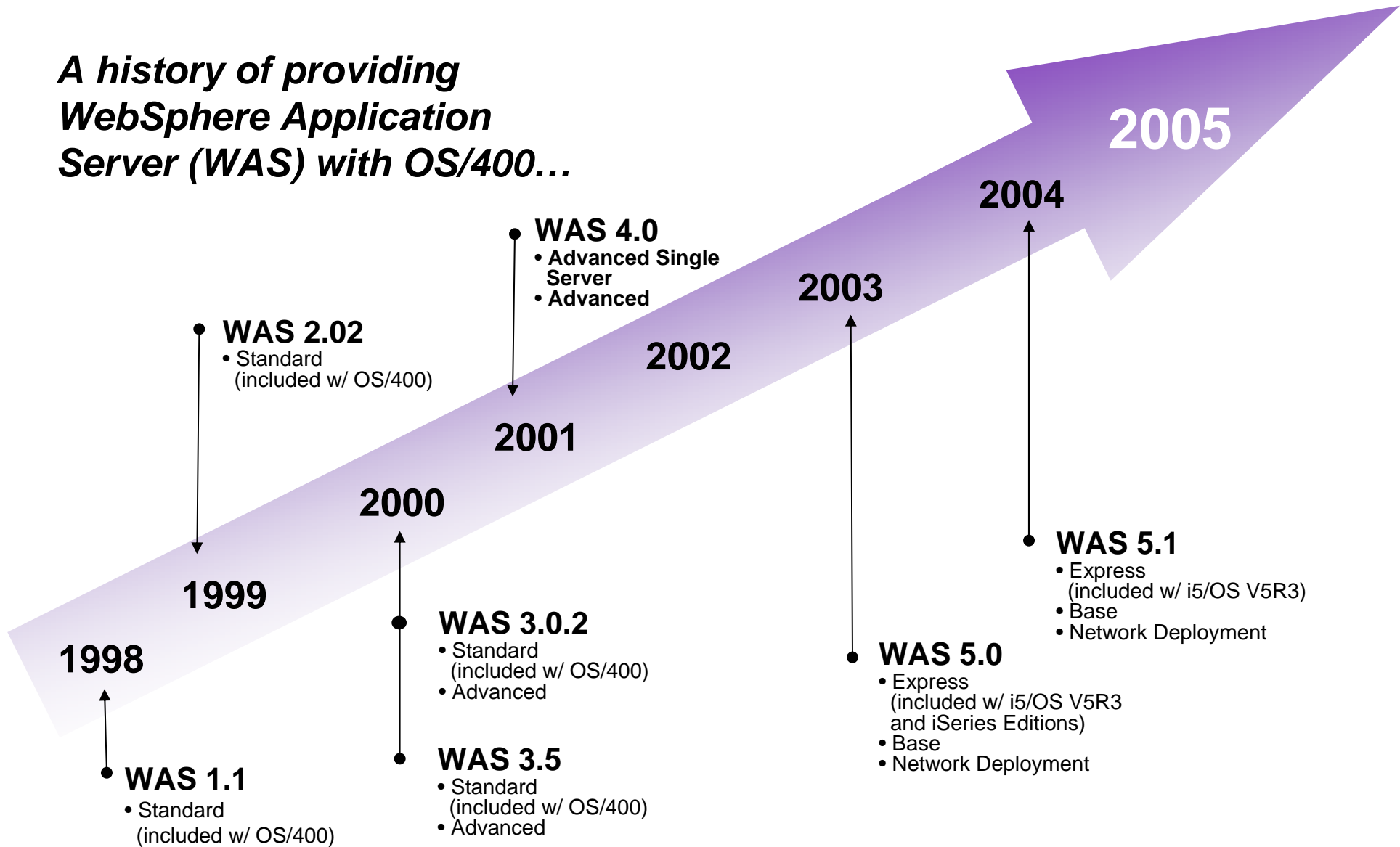
IBM Business Solutions, V1.0

IBM Business Solutions (5722-BZ1) demonstrate the value of integrated e-business solutions, helps increase worker productivity, provide services that virtually any business may find useful, and are easy to understand and use. Delivered with i5/OS V5R3, each application is an integrated solution to a common business need that works in conjunction with your existing applications, server components, and enterprise data.

Provides three enterprise web applications for iSeries servers
- ✓ IBM Telephone Directory for iSeries, V5.2
- ✓ IBM Welcome Page for iSeries, V1.1
- ✓ IBM Survey Creator for iSeries, V1.0 (new)
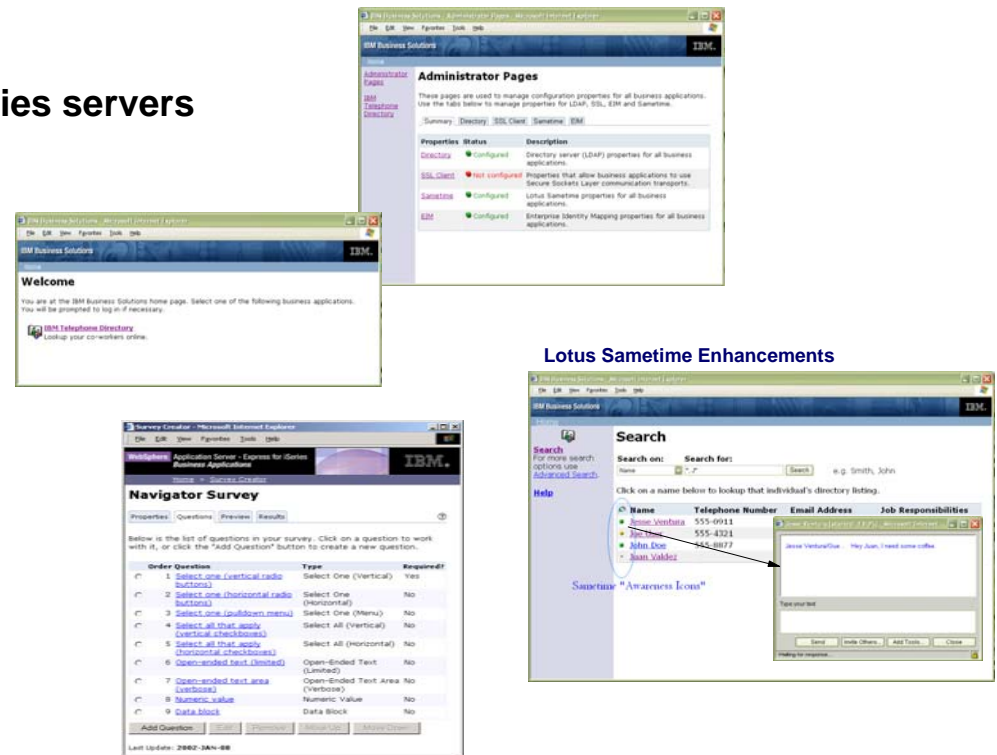
Lotus Sametime Enhancements

IBM Telephone Directory V5.2

- ➤ **IBM Telephone Directory V5.2 provides "out-of-the-box" functionality**
  - ❑ iSeries-only offering for WAS V5.1 and WebSphere-Express V5.1 for iSeries
  - ❑ Replaces IBM Telephone Directory V5.1 (now part of IBM Business Solutions V1)
  - ❑ V5.2 now includes integration with Lotus Sametime servers and Enterprise Identity Mapping domain servers.

- ➤ **Provide ISV's and customers with an application which can be used immediately**
  - ❑ Provide a valuable application all customers can use
  - ❑ Powerful search capabilities (Name - photo - phone - role - division - department - management chain, etc.)
  - ❑ Personnel information is managed securely by the OS/400's lightweight directory access protocol (LDAP) server.
  - ❑ Rewritten to utilize the Apache Jakarta Struts framework which will allow customization of the user interface (i.e. company logo, company name, fields displayed, screen layout, etc.).

- ➤ **IBM Telephone Directory is no-cost for first 1,000 entries**
  - ❑ IGS special bid for 1,000+ entries
  - ❑ A suggested use, particularly for customers with very few employees, is to manage lists of vendors, suppliers, and partners all accessible via Internet, Extranet or Intranet.

Lotus Sametime Enhancements
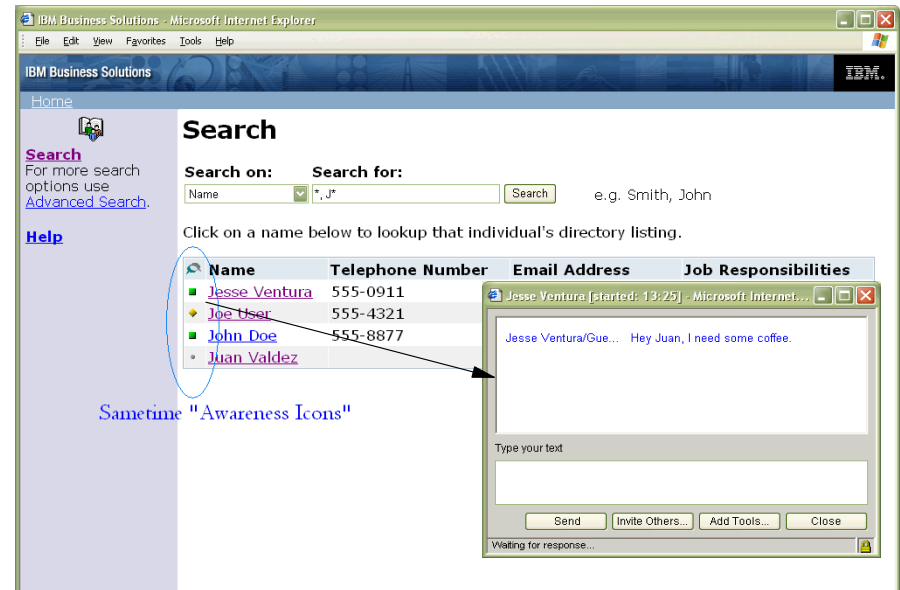
- ✓ Ability to search by name, job responsibilities, e-mail address, telephone number, department, and division
- ✓ Ability to see organizational structure (report-to chart, department listings)
- ✓ Ability to store personalized information (picture)
- ✓ Ability to initiate chat sessions with colleagues using Lotus Sametime technology (NEW!)
- ✓ Ability to add entries to Lotus Sametime contact lists (or "buddy lists") (NEW!)
- ✓ Ability to view and self-manage Enterprise Identity Mapping registries (NEW!)

IBM Survey Creator V1.0
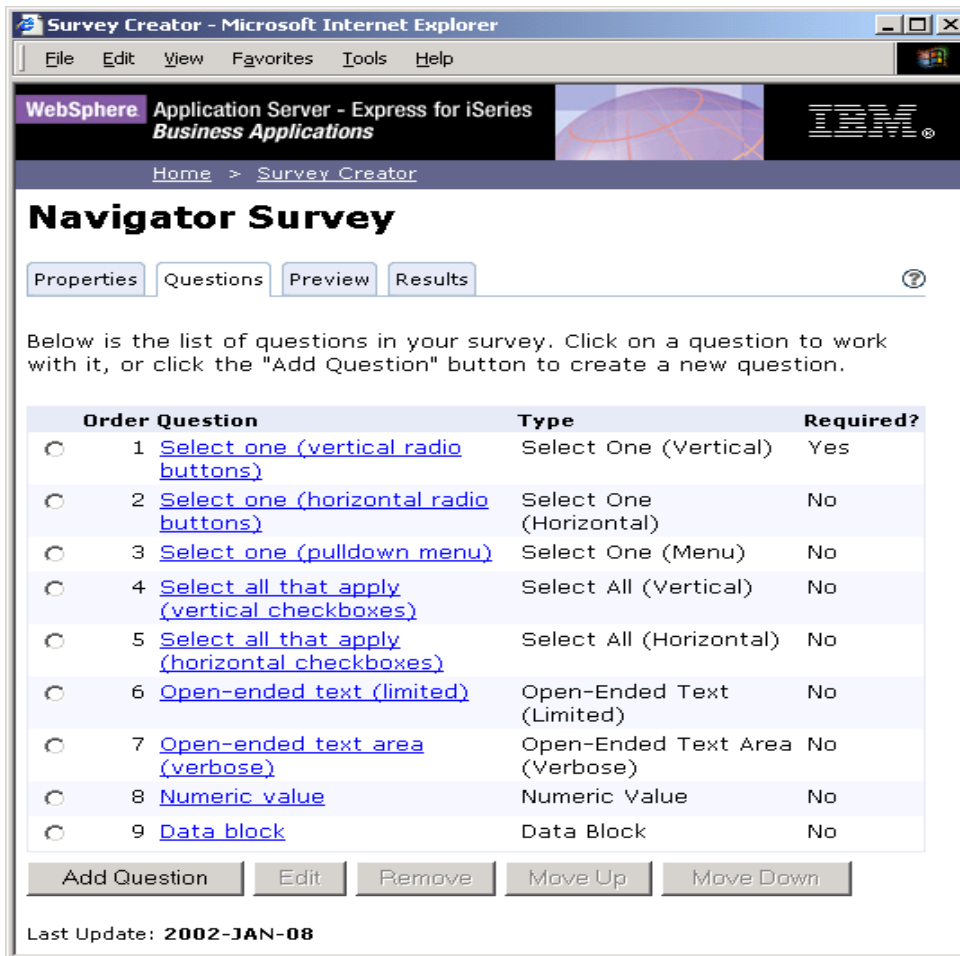
IBM Survey Creator is a Web-based application that provides the ability to create and conduct online (web) surveys:

- Administrative interfaces:
  - Specify who is allowed to conduct surveys ("survey owners")
- Owner interfaces:
  - Create surveys - define question/answer text and layout
  - Specify who is allowed to take surveys ("survey takers")
  - Surveys may be taken anonymously or require login for identification
  - See survey results
- Taker interfaces:
  - View survey and submit answer selection and/or text

iSeries. mySeries.

Start Simple with IBM Business Solutions

How can IBM Business Solutions help you?

✓Help improve your employees productivity through collaboration!

✓Get valuable feedback on your products from your customers!

✓Conduct an employee satisfaction survey!

✓Determine your customer preferences and tastes!

✓Help your employees more easily find key skills and resources within the firm!

Let IBM Business Solutions be the first WebSphere solution to help your business!

iSeries. mySeries.

Start Simple! with WebSphere

IBM Business Solutions, V1.0

IBM Telephone Directory

IBM Survey Creator

Application (RPG, COBOL,..)

WebSphere Application Server

Application (RPG, COBOL,..)

**IBM HTTP Server
(powered by Apache)**

5250

i5/OS or OS/400

i5/OS or OS/400

Browser

IBM Web Tools

Application Developer

Site Developer
- **User: Web Developer**
- **Function:**
  - **Web Site Designer Tools**
  - **JSF Tools**
  - **Struts Tools**
  - **HTML/JSP/Servlet Tools**
  - **Web Services Tools**
  - **XML Tools**
  - **Visual Editor for Java**
- **Target Runtime: IBM WAS, BEA WebLogic**

- **User: J2EE Developer**
- **Function:**
  - **J2EE and EJB Tools**
  - **UML Visualization**
  - **Performance and Trace tools**
  - **Component Test tools**
  - **ClearCase LT**
- **Target Runtime: IBM WAS, BEA WebLogic**

WebSphere Studio Workbench
- IBM commercially supported version of Eclipse
- Basis for IBM tools

Eclipse
- Universal Tool Platform
- Open Source Project
- www.eclipse.org
- Provides frameworks for tool builders to focus on tool building

1. **WebSphere Development Studio Client for iSeries,** based on

- WebSphere Studio Site Developer

2. **WebSphere Development Studio Client for iSeries Advanced Edition** based on:

- WebSphere Studio Application Developer

IBM WebSphere Development Studio for iSeries, V5R3

WebSphere Development Studio (Host)   5722-WDS

C/C++	COBOL	RPG	ADTS

← Host

WebSphere Development Studio Client V5.1.2 **← Client**

Remote System Explorer	iSeries Projects
Web Tools for iSeries	Java Tools for iSeries
IBM WebFacing Tool	**Classic Tools (CODE and VisualAge RPG)**
Enterprise Generation Language_Java generation	HATS toolkit

WebSphere Studio Site Developer
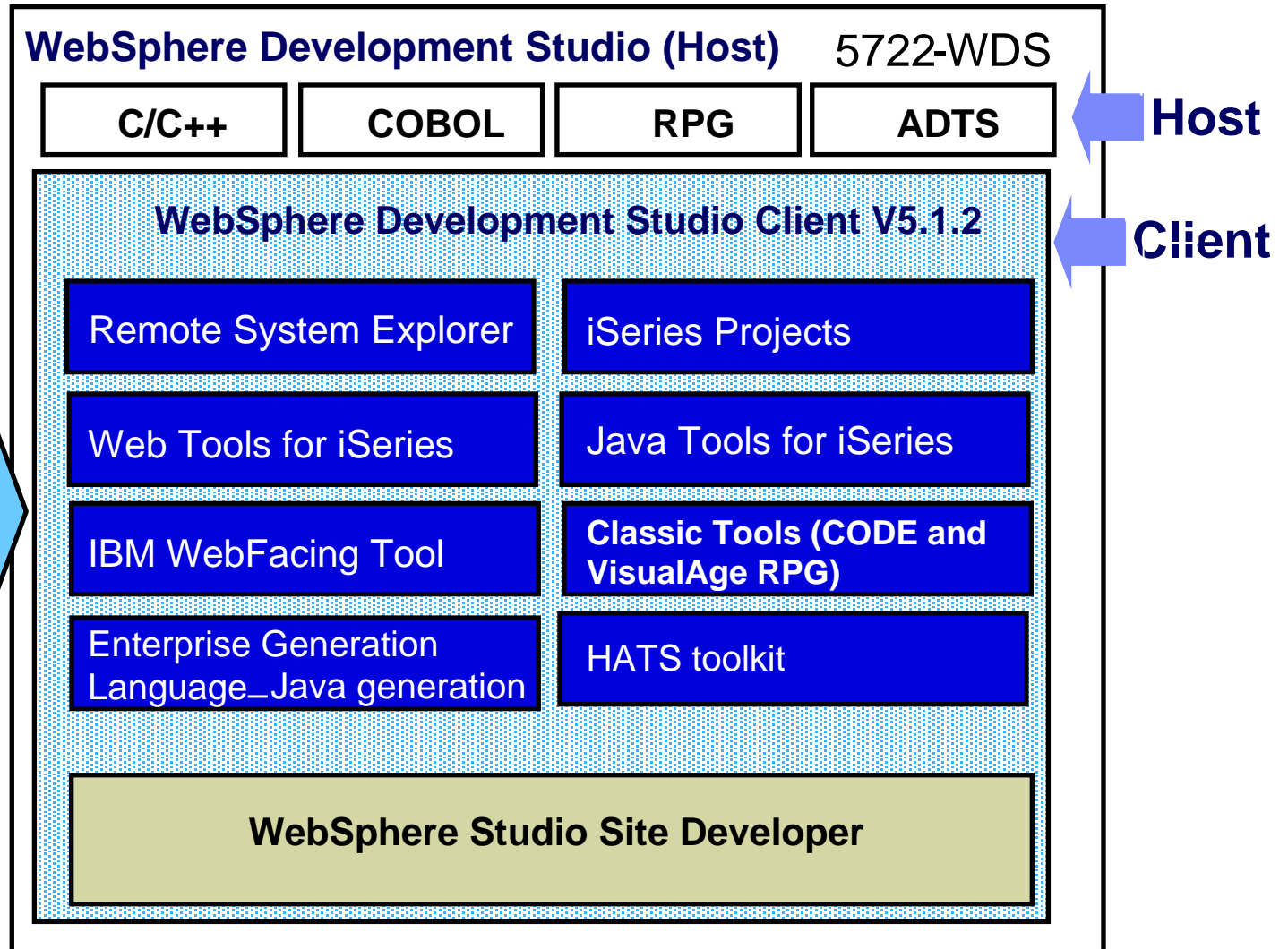
Unlimited licenses of WDS Client →

New in 5.1.2

iSeries. mySeries.

Start Simple! with WebSphere

@server

WebSphere Development Studio for iSeries

Integrate your native application with WebSphere to help create entirely new value for your customers and employees via the Web!

Application (RPG,COBOL) · · · Application (Java, HTML)

Application (RPG,COBOL) · · · Application (Java, HTML)

WebSphere Application Server

IBM HTTP Server (powered by Apache)

Application (RPG, COBOL,..)

Application (RPG, COBOL,..)

5250

i5/OS or OS/400

i5/OS or OS/400

Browser

iSeries. mySeries.
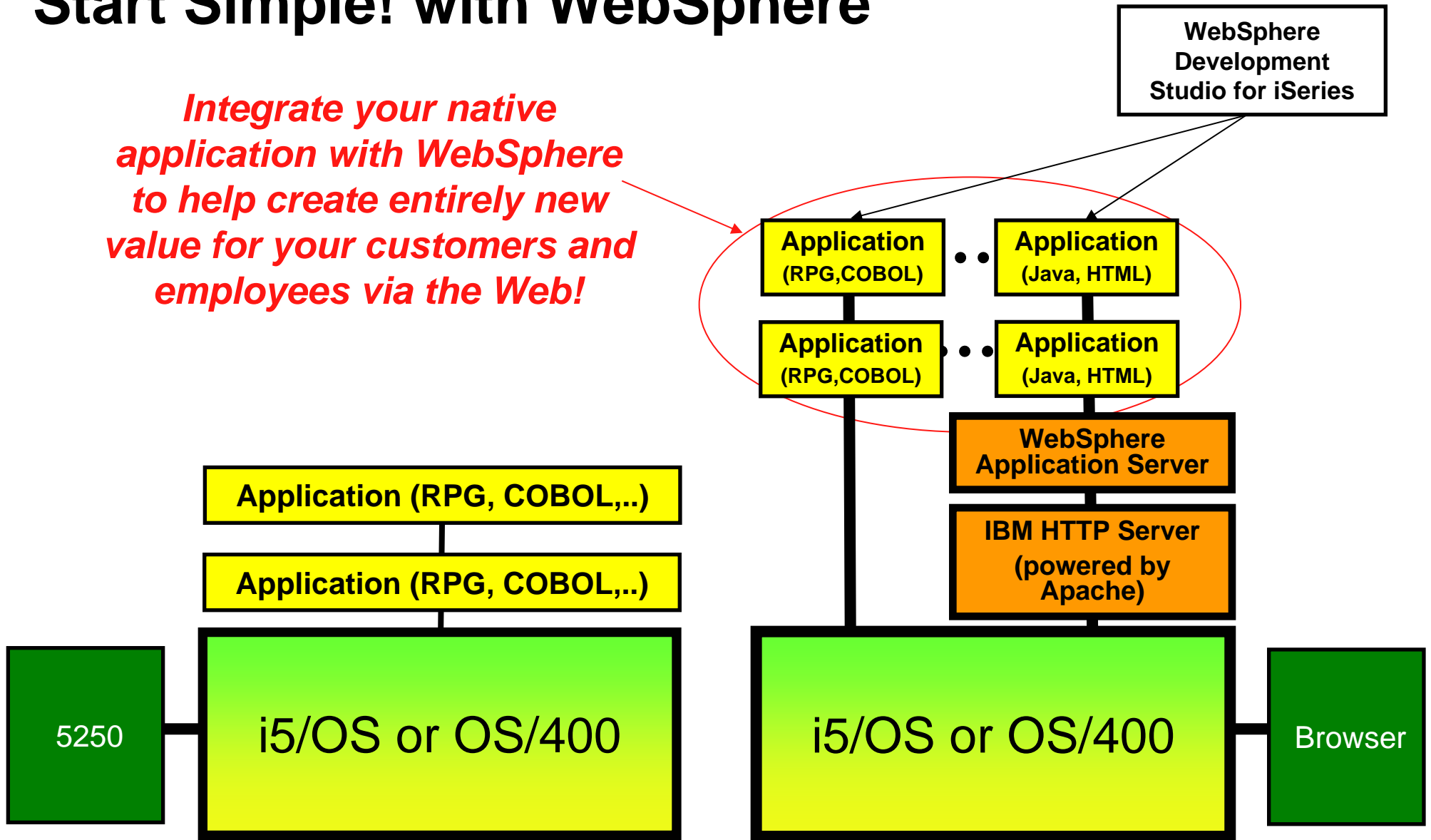
Transform the User Experience
Easily convert green screen applications to Web applications

- Increase productivity and reduce training costs by converting green screen applications to more intuitive Web applications
- Extend existing applications to new users, such as business partners, suppliers and customers
- Integrate traditional applications into enterprise portals to provide users with a single, personalized point of access
- Reduce development costs by avoiding rewrite of legacy applications
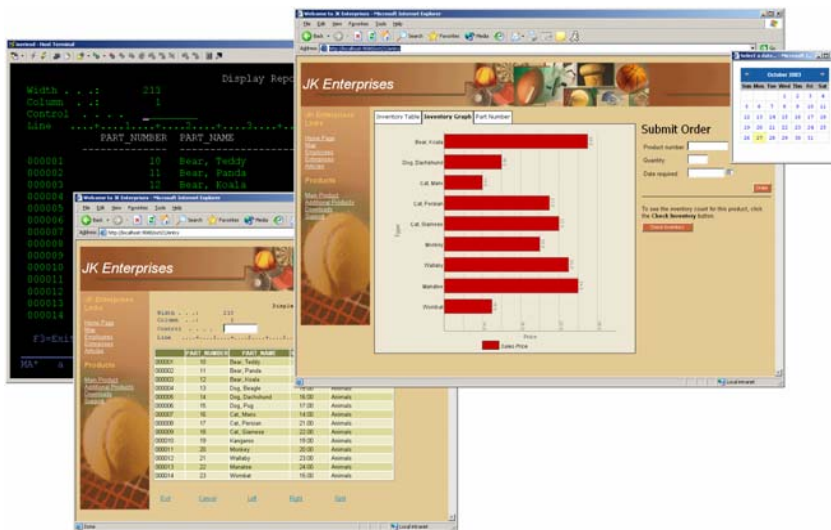
Improved user interface and workflow
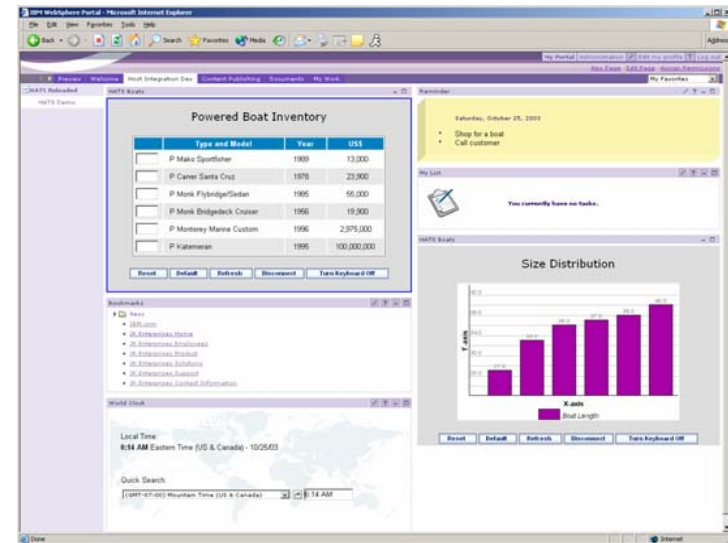
Integration with WebSphere Portal

Three Products for Transforming the User Experience

- **WebSphere Host Access Transformation Services (HATS)**
  - Completely transforms the user experience for significantly improved productivity
    - Makes it possible to streamline the screen flow, such as skipping, combining or splitting screens
    - Can combine multiple iSeries applications into a single Web interface
- **WebSphere Development Studio (WDS)**
  - Includes the **IBM WebFacing Tool**, which converts iSeries DDS maps to a Web interface
- **WebSphere Development Studio Client Advanced Edition (WDSc AE)**
  - Includes the enhanced version of the IBM WebFacing Tool
  - Adds support for most iSeries system screens and WebSphere Portal
- All three products require WebSphere Application Server
- None of the products require modification of source code

Two Bundles for Traditional 5250 Emulation
Good choices when there is no requirement for transformation

- **iSeries Access Family**
  - Tier-based pricing
  - Includes the following terminal emulation products:
    - iSeries Access for Windows
    - iSeries Access for Web
      - Includes additional features for managing iSeries system resources
    - Host Access Transformation Services Limited Edition (HATS LE)
- **Host Access Client Package for iSeries**
  - User-based pricing
  - Includes the following terminal emulation products:
    - Personal Communications
    - Host On-Demand

WebSphere Development Studio
The IBM WebFacing Tool

- Low cost tool for application transformation
- Tier-based pricing
- Requires access to DDS source code
- No 5250 interactive capacity required (2003 models +)
- Does not convert system screens
- Entire application must be converted
- Application must be reconverted and redeployed when changes are made to DDS source code
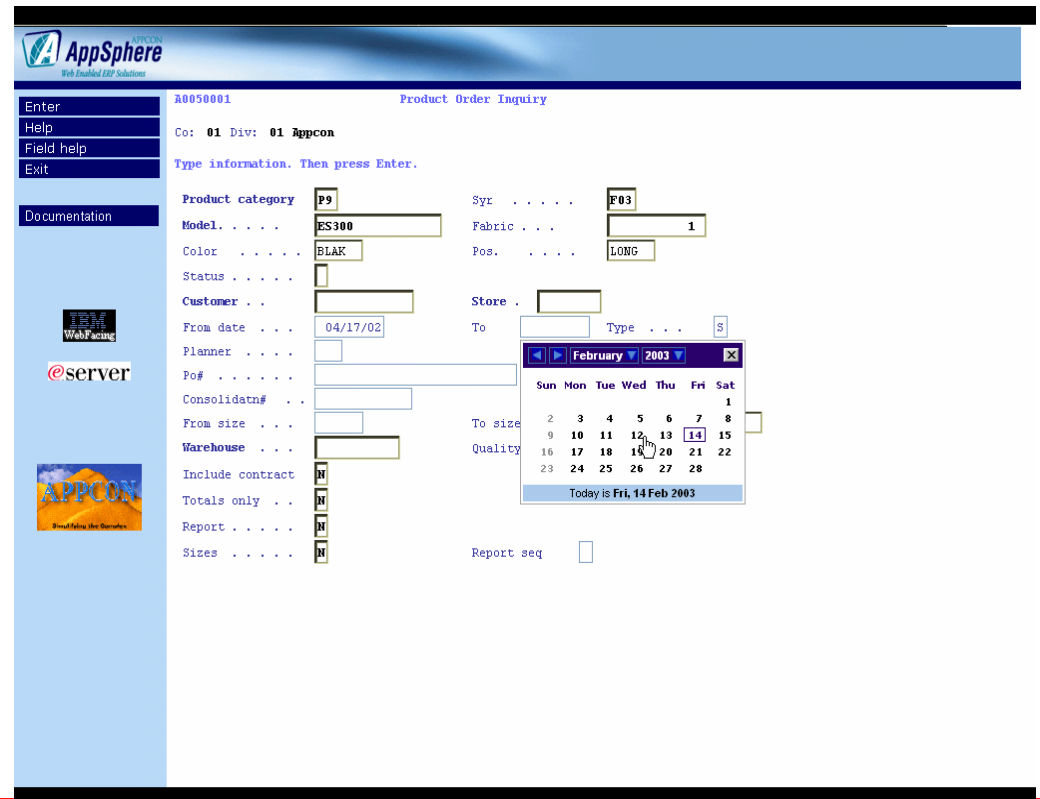
IBM WebSphere Development Studio Client Advanced Edition for iSeries V5.1.2

New offering: 30% off list price through 2004!

WebSphere Development Studio Client Advanced Edition

Remote System Explorer	**iSeries Projects**
Web Tools for iSeries	**Java Tools for iSeries**
IBM WebFacing Tool	**Classic Tools (CODE and VisualAge RPG)**
Enterprise Generation Language – Java & COBOL	**HATS Toolkit**

WebSphere Studio Application Developer

Significant new function in IBM WebFacing Tool

- **Only available in WDSc Advanced Edition**
- **Single sign-on using Enterprise Identity Mapping**
- **Struts Portlet support**
- **Support for most iSeries System Screens**
  - **Does NOT require OLTP workload**
- **Priced per client**

Web Tools

- **Single sign-on using Enterprise Identity Mapping**
- **JCA connector support for Web Interaction & Java Program Call**

iSeries. mySeries.

WebSphere Development Studio Client Advanced Edition

- Includes all the benefits of WebSphere Development Studio, plus provides:
  - Access to 5250 system screens
  - Access to Webfaced screens through WebSphere Portal
- Priced per developer seat
- Requires access to DDS source code
- No 5250 interactive capacity required (2003 models +)
- Entire application must be converted
- Application must be reconverted and redeployed when changes are made to DDS source code
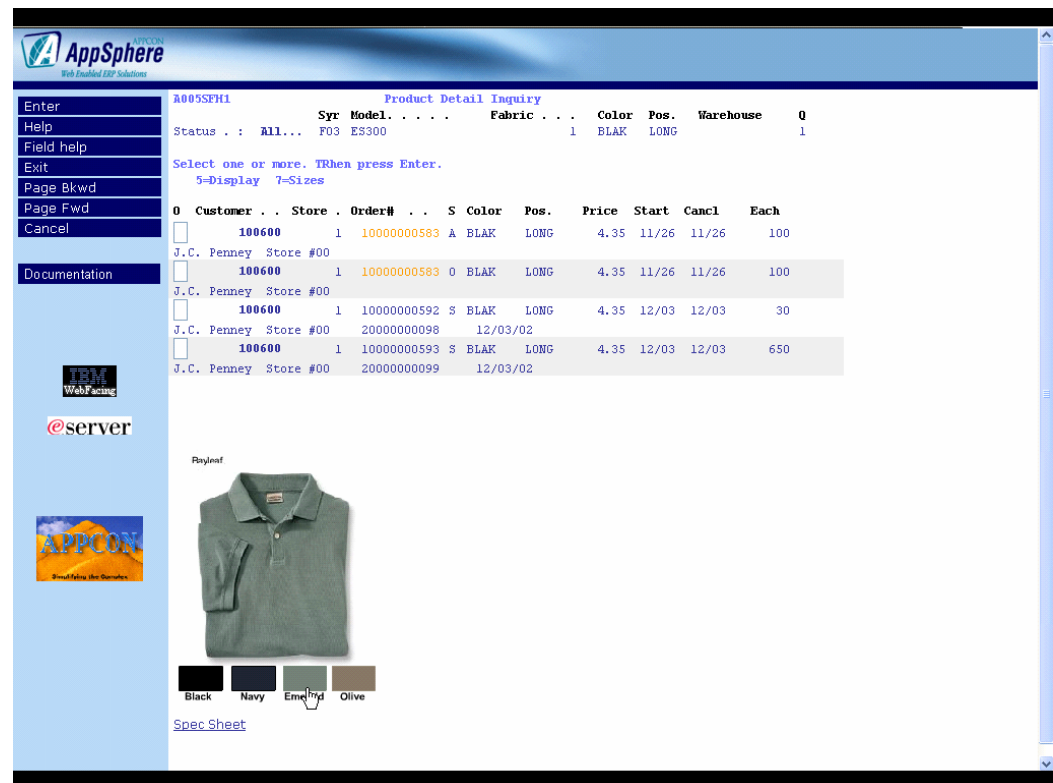
WebSphere Host Access Transformation Services

- Completely transforms the end user experience
  - Increases productivity by streamlining and simplifying the application flow
  - Reduces errors by replacing text entry fields with drop-down lists
  - Reduces training costs by adding buttons, hot links, calendars, tabbed folders and graphs
- Most applications can be put on the Web in a single day using the default transformation
- Integrates multiple applications into a single Web interface
- Provides access to all 5250 screens, including system screens
- No access to source code required
- Fully integrated with WebSphere Portal

- User-based pricing
- Requires 5250 interactive capacity
- Does not require redeployment if changes are made to host application
- Allows easy creation of Web services from customized sequences of 5250 screens
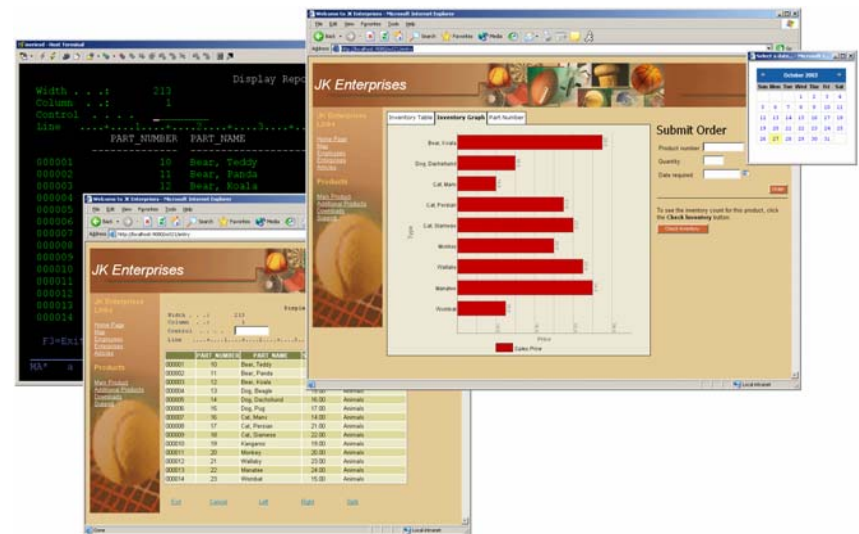
Summary of Primary User Interface Tools

	HATS WebSphere Host Access Transformation Services	WDS WebSphere Development Studio	WDSc AE WebSphere Development Studio Client Advanced Edition
Development time/effort required	Low-Med	Med-High	Med-High
Ability to alter screen flow	Yes	No	No
Ability to combine multiple iSeries applications into single Web interface	Yes	No	No
Requires source code access	No	Yes	Yes
Converts system screens	Yes	No	Yes
Provides integration or access to WebSphere Portal	Integration	No	Access
Requires 5250 interactive on iSeries models released in 2003 and later	Yes	No	No

Trade-offs should be considered between flexibility and cost of deployment. Best results are often achieved by using a combination of these tools.

iSeries Access for Web

Provides access to iSeries through a browser

- Part of the iSeries Access Family
- Can access database, integrated file system, printers, output queues
- Can run batch commands, send/receive messages, work with jobs, create and send .pdf and .xml

It has the following advantages:

- Is server based, implemented using Java Servlet technology
- Is lightweight, requiring only a browser on the client, no applets installed on desktop
- No configuration required at desktop
- Uses industry standard protocols - HTTP (port 80), HTTPS (port 443) and HTML
- Support for WebSphere Portal

➢ **My Personal Folder Print**
- ❑ Printer output, printers
- ❑ Internet Printers
- ❑ Printer shares
- ❑ Output Queues

➢ **Database**
- ❑ Tables, Run SQL
- ❑ My Requests
- ❑ Copy Data to Table
- ❑ Import Requests

➢ **5250**
- ❑ Start 5250 Session

➢ **Commands**
- ❑ Run commands (Batch)

➢ **Files**
- ❑ Browse Files (in IFS)
- ❑ File Shares (in NetServer)

➢ **Messages**
- ❑ Display & Send Messages
- ❑ Operator Messages
- ❑ Message Queue

➢ **Jobs**
- ❑ User Jobs
- ❑ Server Jobs

➢ **Customize**

Start Simple! with WebSphere

Create a new, modern graphical user interface and realize better usability and extendibility of your native applications and iSeries resources!

| Application (RPG,COBOL) | • • | HATS for iSeries |
| Application (RPG,COBOL) | • • | Web Facing |

WebSphere Application Server

IBM HTTP Server (powered by Apache)

Application (RPG, COBOL,..)

Application (RPG, COBOL,..)

| 5250 | i5/OS or OS/400 |

| i5/OS or OS/400 | Browser |

![IBM logo]
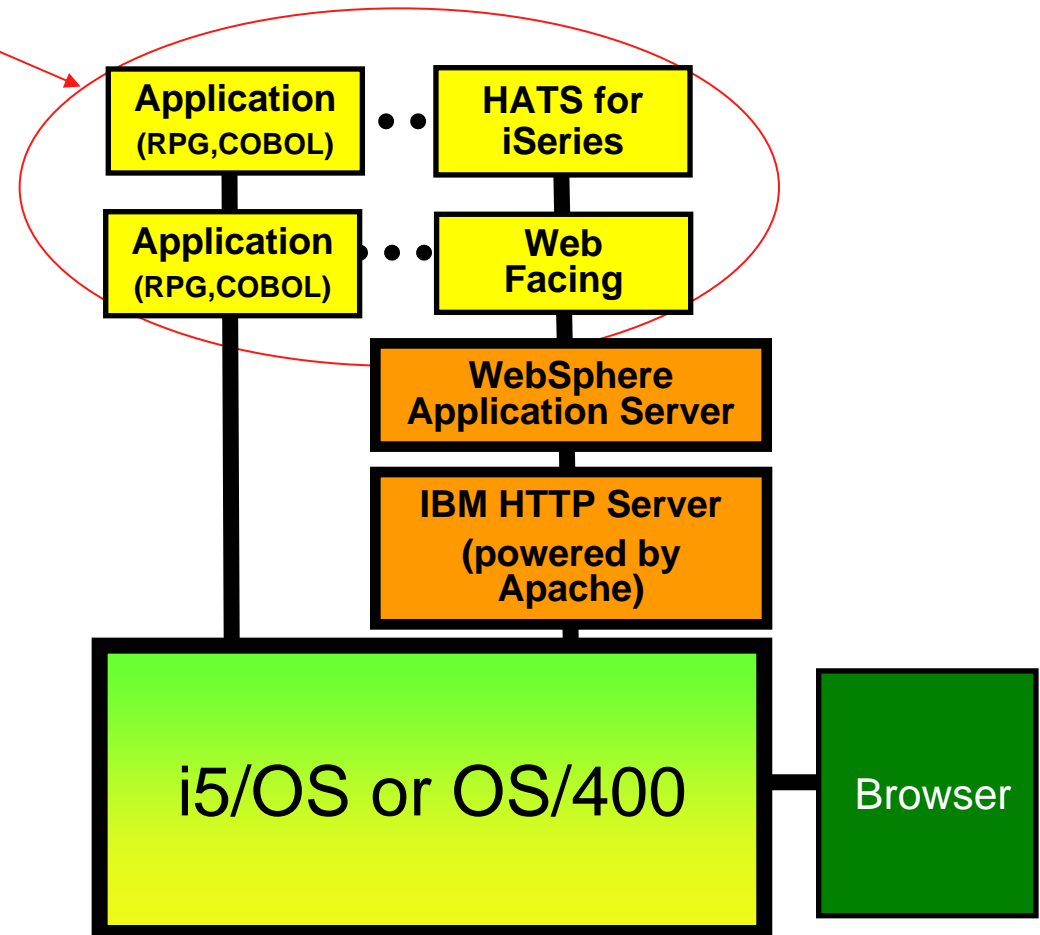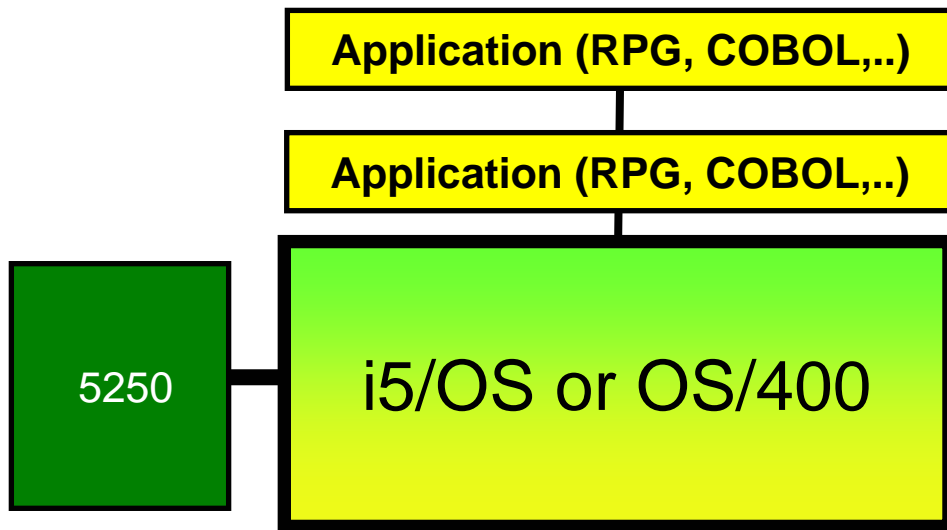
Raising service levels with POWER5

"When IBM suggested the new IBM @server i5, it seemed like the best strategic choice for our business. We expect the @server i5 to give us an enormous boost in capacity and performance – it will pack a real punch!"

Stefan Samuelson

Chief Information Officer

Port of Göteborg

Port of Göteborg handles 25% of all Swedish foreign trade. Employing around 1,000 people, the port provides container and bulk cargo services for major international shipping companies such as Maersk, Atlantic Container Line and Unifeeder.

Customer reference available @

http://www.ibm.com/software/success/cssdb.nsf/cs/DNSD-63HHVD?OpenDocument&Site=eservermain

iSeries. mySeries.

Why iSeries? The 'i' Stands for Integration!

Relational Database

Web Application Server

Digital Certificate Manager

Java

TCP/IP

Security

LDAP Directory Server

Apache HTTP Server

Systems Management Tools

Backup and Recovery Services

Why iSeries? Ease of Use!
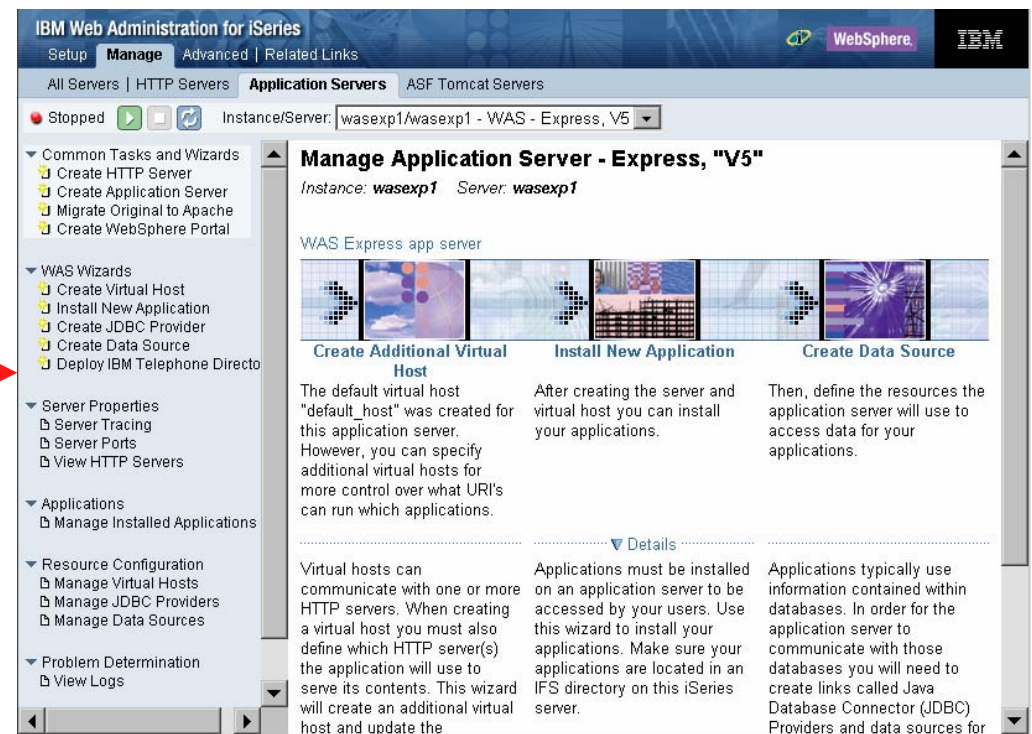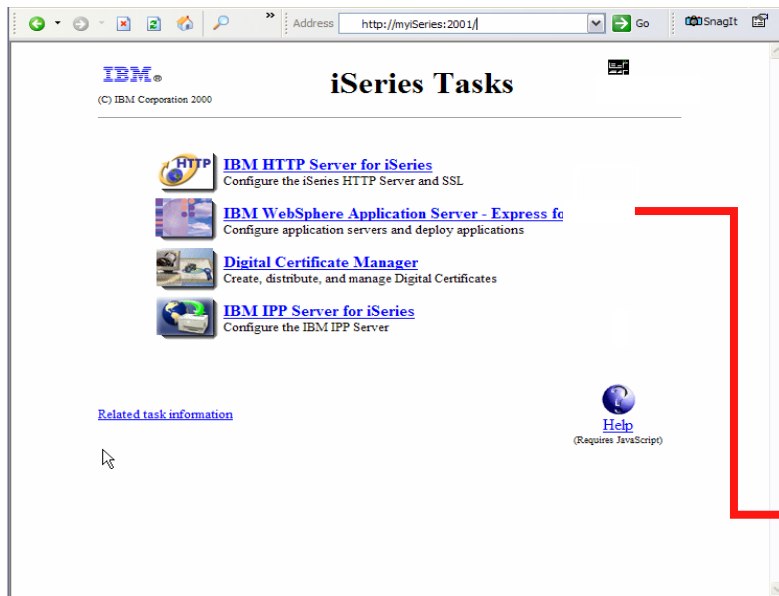
Basic administration for several WebSphere products on iSeries is integrated into IBM Web Administration for iSeries.

iSeries. mySeries.

Why iSeries? Increased Scalability!

The IBM eServer i5 595 has achieved a #1 result in the industry in the 32-way SMP class for the SPECjbb2000 benchmark[1]. The SPECjbb2000 benchmark evaluates the performance of servers running typical Java business applications by simulating an order processor for wholesale suppliers. It is implemented as a three-tier client/server system with emphasis on the middle tier. The eServer i5 595 is a highly integrated server built with IBM's innovative POWER5™ processors. It provides extensive growth options and the flexibility to run on demand computing environments with IBM i5/OS™, IBM AIX 5L™, Linux, and Microsoft® Windows® (via an integrated xSeries adapter or integrated xSeries server).

Reference 1. IBM eServer i5 595 SPECjbb2000 result was submitted to SPEC on October 12, 2004 for review. The comparisons are current as of October 12, 2004. SPEC® and the benchmark name SPECjbb2000® are registered trademarks of the Standard Performance Evaluation Corp. (SPEC). Additional information can be found at www.spec.org.

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Why iSeries? Multiple Application Environment

| LOB/ISV Business Applications | Lotus Domino application server and solution framework | IBM WebSphere Java-based Web Application Server | UNIX Runtime plus ISV tools, middleware and application servers | Integrated xSeries Server NT/WIN2000 | Linux |

Interconnected for application integration

Security	Database	Systems Mgt.	Java	Networking
– Built-in from the silicon up – Built on an object oriented model – Open Design	– UDB – JDBC interoperability – ODBC interoperability	– Single system, multi-workload – Multi system – Integrated – Graphical	– Java Virtual Machine – Just In Time compilation – Integrated memory management	– TCP/IP – HTTP – Apache – Net Server – XML

Across a scalable, secure, reliable platform

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Hot News! eServer i5 on TV!

Despite what your parents said, **WATCHING T.V. IS GOOD FOR YOU** – especially when you'll have a chance to see the IBM eServer i5 advertising campaign throughout December on ABC. Our new commercial expands on IBM's current television advertising style to introduce the eServer i5 in a humorous depiction of server consolidation. Although the premise may sound a little odd, if you've seen the terrific work Ogilvy & Mather has done for eServer xSeries and BladeCenter then you know you're in for a treat.

Program	Date	Time
The Five People You Meet In Heaven	12/05	8-11pm Eastern
LOST	12/15	8-10pm Eastern
Remember The Titans	12/18	8-10pm Eastern
Boston Legal	12/19	10-11pm Eastern
LOST	12/22	9-10pm Eastern
Boston Legal	12/26	10-11pm Eastern

WebSphere on iSeries web
- ibm.com/eserver/iseries/websphere

WebSphere for IBM eServer iSeries Buying & Selling Guide
- www.redbooks.ibm.com/redpapers/abstracts/ REDP3646.html

iSeries Developers Roadmap
- ibm.com/eserver/iseries/roadmap

IBM Redbooks - iSeries Domain
- publib-b.boulder.ibm.com/redbooks.nsf/portals/AS400

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IBM developerWorks
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IBM PartnerWorld
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eServer Solutions Enablement
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IBM iSeries Nation
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WebSphere on iSeries Case Studies
- ibm.com/software/success/cssdb.nsf/topstoriesFM?OpenForm&Site=eserveriseries

IBM Global Services – iSeries Practice
- ibm.com/eserver/iseries/service/igs/

IBM Custom Technology Center
- ibm.com/eserver/services/

iSeries Benchmark Centers
- ibm.com/eserver/iseries/benchmark

Business Partners in WebSphere Portal Catalog
- ibm.com/software/genservers/portal/ partners/partners2.html

WebSphere Innovation Connection Online
- ibm.com/websphere/partners

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WebSphere on iSeries Web

- Latest news!
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- iSeries Developer Roadmap & whitepaper
- Latest Buying & Selling Guides

www.ibm.com/eserver/iseries/websphere

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For Detailed Information…
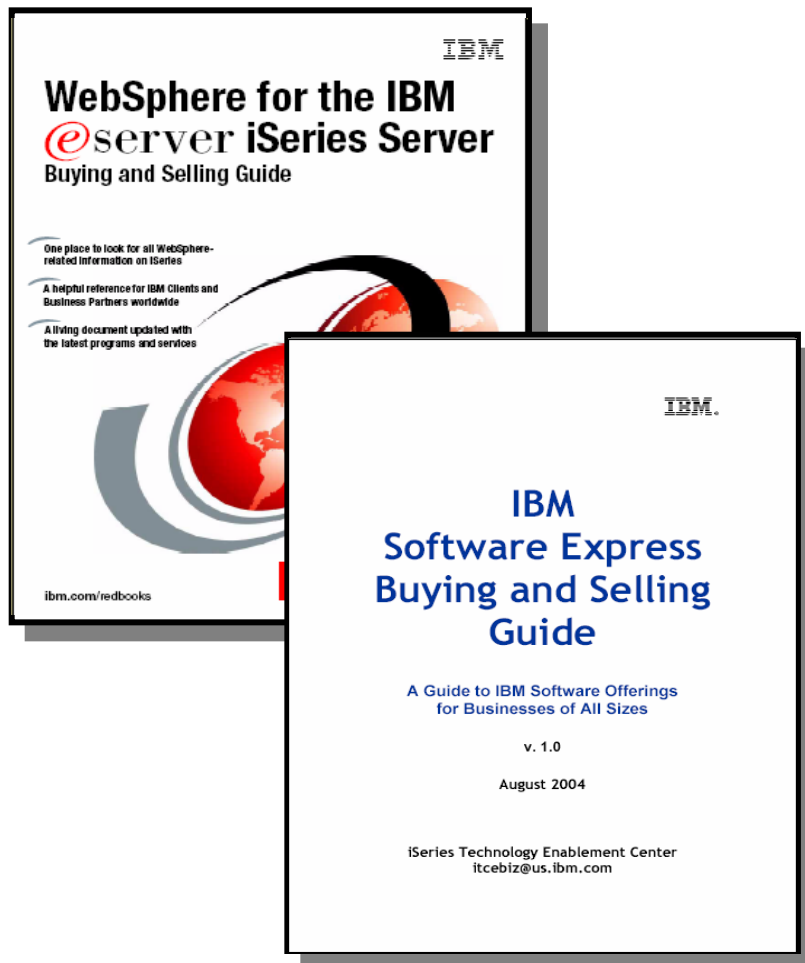
The <u>WebSphere for IBM eServer iSeries Buying & Selling Guide</u> is your complete resource for WebSphere on iSeries strategy, products, education, information resources, and more. It organizes and supports IBM's Web-based information and is updated several times per year.

The <u>IBM Software Express Buying and Selling Guide</u> delivers quality information on the portfolio of IBM Express software. Read stories of the business value these Express offerings deliver while learning where they fit, and how they are used on iSeries as well as other operating environments.

http://www.ibm.com/eserver/iseries/websphere

Grow Fast! with WebSphere on iSeries

- **WebSphere Portal**
  - Provide a window to your IBM eServer iSeries applications and data that you've invested in over the years, allowing you to leverage them in ways you've never thought possible.

- **WebSphere Commerce**
  - Optimize marketing, business relationships and channel management to maximize e-commerce revenue.

- **WebSphere Business Integration**
  - Integrate data, applications, processes and people across and beyond your company, giving you the power to leverage existing IT investments while having the flexibility to adapt quickly to changing business conditions.

Look for the future iSeries Nation Citizens Chat "WebSphere on iSeries Product Overview – Grow Fast!" – coming in 2005!

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