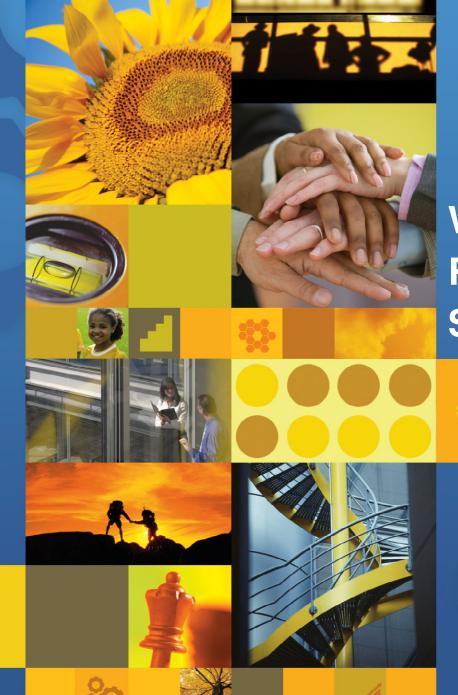




LOTUS COLLABORATION SUMMIT





WebSphere Portal Roadmap and Strategy

Presenter name Job Title Company



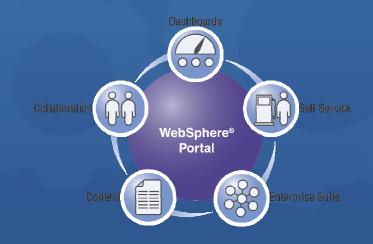
Agenda



IBM WebSphere Portal Overview: Strategy and Key Capabilities

What's new? Innovations that Accelerate Time to Value

For More Information









IBM is helping customers deliver the user experiences they chose to their partners, employees, customers, or citizens, with flexibility for change and based on open standards.

Portals Solve many different Problems





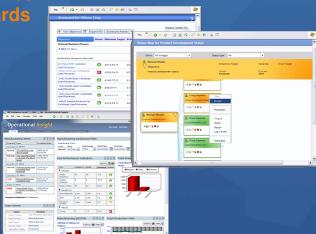
Partners

Company Intranets



Customer Experience

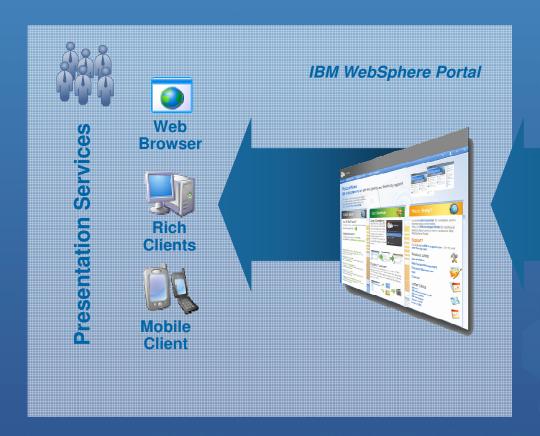
Performance Dashboards





Portals Are the Face of SOA

The foundation for user interface, user interaction, and deployment



Portal SOA foundation elements:

- Integration and collaboration
- 2 Real-time access & decisions
- 3 Composite applications
- 4 Process portal services
- 5 Federation services
- **6** Offline use of services







Composite Applications: Dynamic Delivery of Services

services

Presence Awareness

Workflows

Instant Messaging

Communication

Business Alerts

E-Forms

e-Mail

Content Management

Document Management

Collaboration

E-Learning

eHR

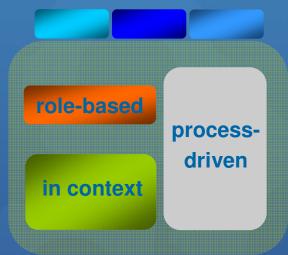
ERP Information

Composite products

Sales Force Automation

Syndicated Rates

Management Dashboards Customer Relation Management Natural, Intuitive, Adaptive User Experience



Composite application that assembles and delivers <u>services</u> in the form of <u>portlets</u>, within a secure environment, in the context of a business process

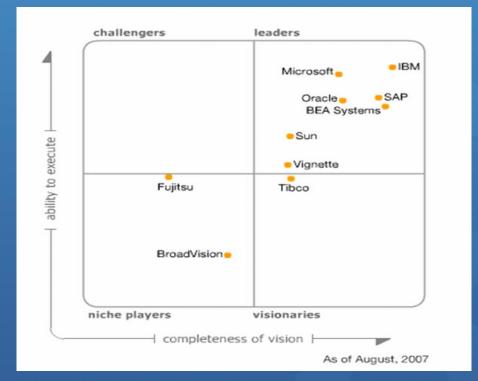








IBM Positioned in Leaders Quadrant



Magic Quadrant for Horizontal Portal Products, 2007

Magic Quadrant for Horizontal Portal Products, 2007
Gartner: August 24, 2007 by David Gootzit, Gene Phifer, Ray Valdes

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Gartner, Inc. expressly disclaims all warranties, express or implied, of fitness of research for a particular purpose. "This Magic Quadrant graphic was published by Gartner, Inc. as part of a larger research note and should be evaluated in the context of the entire report. The Gartner report is available upon request from IBM."











IBM WebSphere Portal – Industry Leader

Market Share Leadership

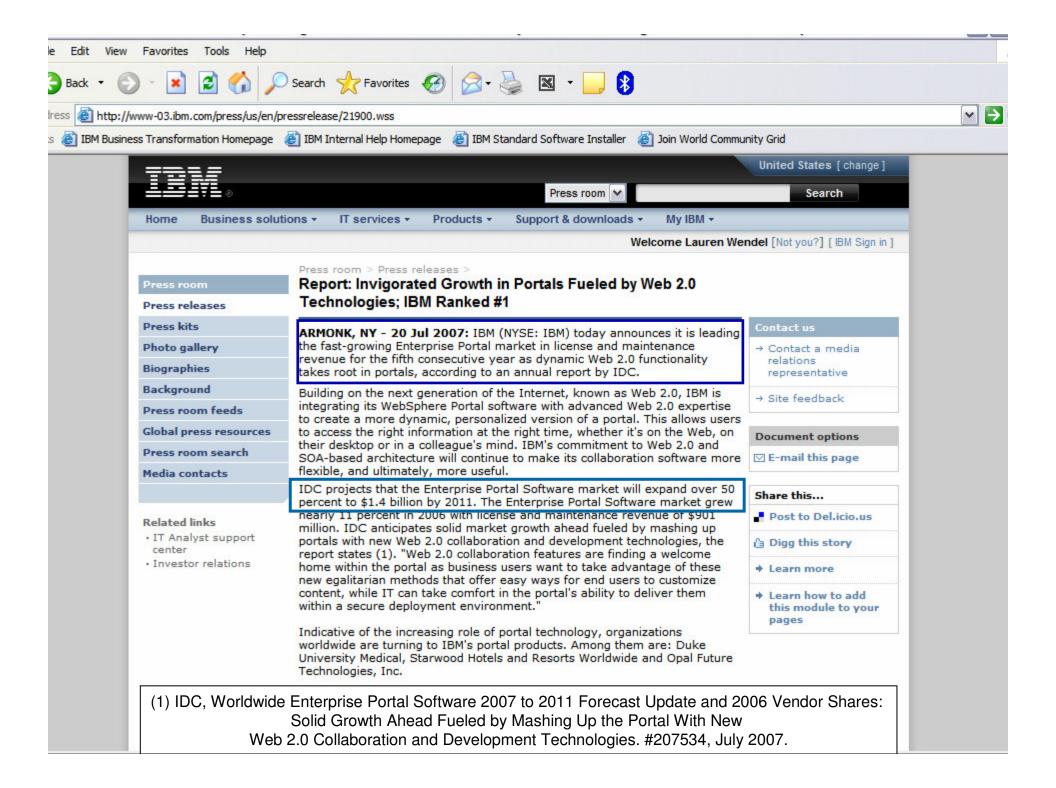
- #1 in Enterprise Portal Software market share in every current assessment
- visible to IBM
- Over 5000 customer Portal installations
- Growing faster than market at 18% YTY Revenue, gaining share from others each year
- Large leads in market share for Customer Self Service, Partner Self Service,
 Employee Self Service, and Dashboards
- >2000 SMB customers

Partner Leadership

Over 1,463 IBM Business Partner solutions in the IBM WebSphere Portal Business Solutions Catalog 30 ISVs have OEM'd WebSphere Portal

Technical leadership

Largest portals in the world (20 million -1 billion)
Drives portal standards- Leads JSR-268, Chairs WSRP 2.0., Co-Chaired JSR-168, Chaired WSRP 1.0.





WebSphere Portal Contains a Robust Set of Features Today

Ease of Use

- Preconfigured OOB pages/portlets, enabled for people awareness
- Out-of-the-box, customizable themes and skins
- Includes Web Clipping, RSS, Collaboration, PIM portlets, etc.
- Business Portlets and 1000's more on SOA solutions catalog
- End user drag and drop configuration Portlet palette

Core Portal Services

- J2EE application server
- Cluster support
- Virtual Portals, multiple LDAP support
- IBM Portlet API and JSR168 container
- Multiple OS and DB support
- Search Services
- I DAP Server
- Configuration mgmt for continuous availability
- Policy provisioning
- Attribute-based administration
- Transcoding
- Portlet to portlet communication
- Offline Support

Content management and customization

- Web Content management
- Document management
- Personalization Engine
- Business rules

Standards support

- JSR 170 (Content), JSR 235 (SDO)
- Struts and Ant
- WSRP 1.0
- JSR 168

Composite Application Features and integrations

- Composite Application Framework
- WebSphere Portlet Factory
- Out of the box integrations for SAP, PeopleSoft, Siebel, Excel, databases, web services, process server, JCR repositories, Domino, EJB, JSP, XML, Oracle ERP, SAP Business Warehouse
- JCA Enterprise system adapters
- Template model, re-use features
- End user assembly of composite applications

Business Process Integration

- BPEL workflow engine (WebSphere Process Server process choreographer)
- Workflow Builder (wizard driven workflow integration with composite apps)
- Human Task Manager APIs, central My Tasks inbox
- Dynamic UI and APIs

Web 2.0



- Out of the Box AJAX components- highlighting, drag and drog, inline edit, partial page refresh, etc.
- AJAX Portlet Programming Model Extensions based on Dojo+IBM Extensions leveraging REST Services

Security

- User profiles, authentication services, support Java 2 security
- Built in Authorization services protects portal resources including pages and portlets
- SSO support includes credential vault and persistent back end connections
- PUMA user API
- LTPA tokens
- Strong support for integration with 3rd party sso (tivoli and CA)

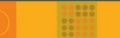


Rich Set of Web 2.0 Features Today!

Comprehensive platform support and tooling capabilities *unmatched by most competitors*

- Rapid mashup assembly facilitated by portlet access to customizable Google Gadgets
- Richer, desktop-like application interfaces improves performance and increases end user productivity and satisfaction.
 - Rapidly create AJAX portlets that support features such as drag & drop across portlet wars, in-line editing, + incremental update
 - Highly productive toolset shields developers from the complexities of Web 2.0. technologies
- Leverage existing investments Seamlessly deploy rich AJAX portlets on previous versions of Portal (5.1 and above)
- Situational development through Composite Application Templates and rapid development tooling increases organizations' agility
- Built-in AJAX support for core WP features context menus, search menu, admin portlets, drag and drop portlet palette
- User contribution to portal sites through built-in content and document management improves knowledge sharing across employees, customers, and partners
- And much more!
 - Partial page refresh, integrated JSON support, dynamic generation of REST services, built-in Dojo support, client-side event model, browser history supported, etc.











WebSphere Portal Supports Rapid Assembly of Situational Applications

- Dynamically assemble enterprise mashups with easyto-use capabilities:
 - Composite application templates
 - Drag and drop portlet palette
 - Browser-based wiring tool
 - 1000s of configurable components, including Google Gadgets portlets
 - Wizard-based Automation tooling
- Customize interfaces easily
- Get high value for low cost—quickly

Available today!

Enable business user assembly of situational applications with WebSphere Portal

Composite application framework



External feeds and services

Business Partner / supplier information

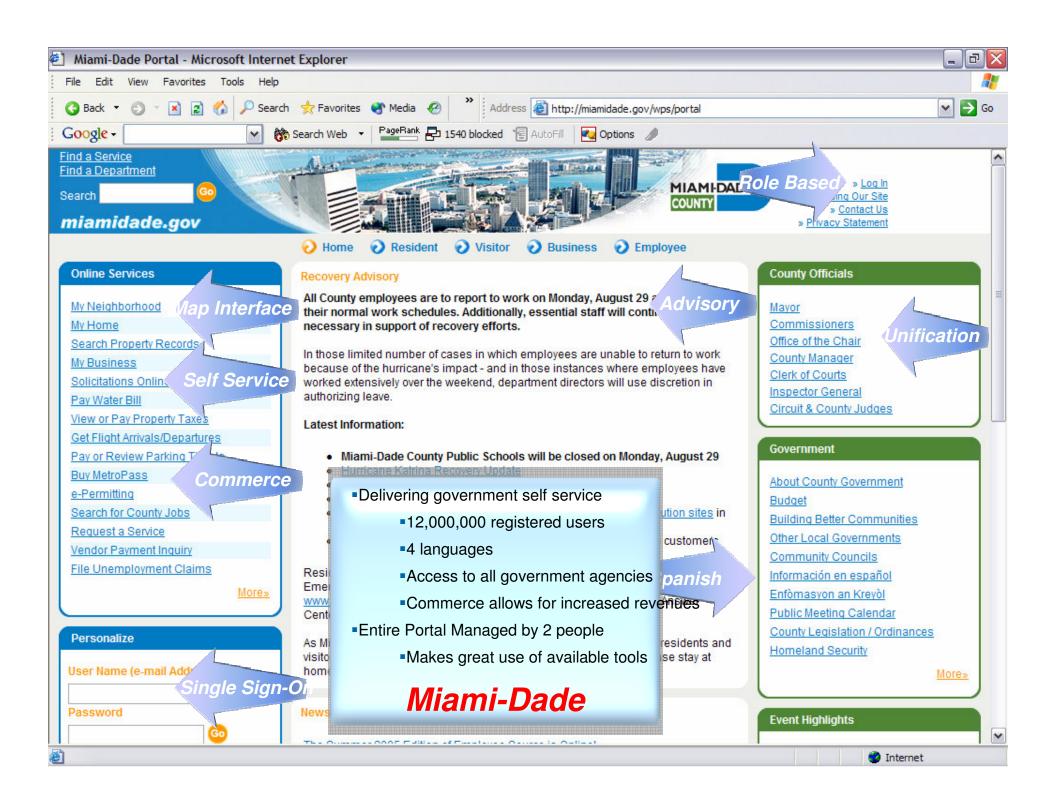
Ad hoc fit for purpose applications

Business intelligence

Long-lived corporate IT applications









Miami Dade "My Neighborhood"

- Most popular portlet on Miami-Dade site
- Portlet based Map interface

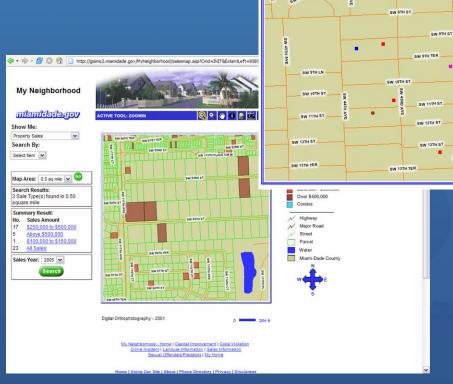
-Integration with backend databases

-County (Railroad, roads, etc.)

-Police

–Zoning

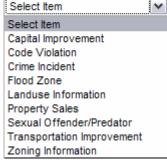
- -Tax
- -Government
- -Census reports



My Neighborhood

mlamidade.gov

Show Me:





SW 13TH ST

Citizen Portal, but also great Realty asset



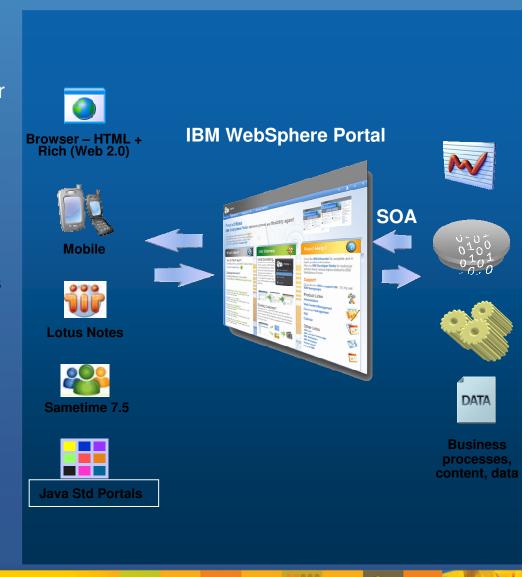




IBM WebSphere Portal Strategy

Empower Portal customers to:

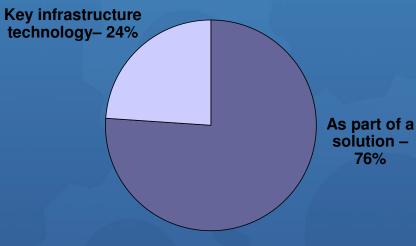
- Deliver the user experiences they chose to their partners, employees, customers, or citizens, with flexibility for change and based on open standards.
- Quickly leverage their existing investments, through market-leading composite application tooling and robust framework
- Create highly personalized applications that adapt to users' context, actions, location, and preferences
- Access information from the end user's device of choice: kiosks to personal devices
- Deliver a front-end to SOA, enabling business flexibility and agility





IBM intends to lead in next wave of portal adoption

- The majority of organizations purchase portal software to solve a specific business problem or for a specific project.
 - 3/4 purchased WebSphere Portal as part of a solution rather than as a key infrastructure (2006 WebSphere Portal Installed Base Survey)
 - Even for "infrastructure projects" such as SOA, justification is typically centered on tangible, short-term business benefits (WAS/ Portal to SOA Migration Study, August 2006)



2006 WebSphere Portal Installed Base Survey



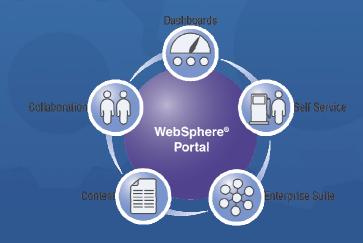
Agenda

IBM WebSphere Portal Overview: Strategy and Key Capabilities



What's new? Innovations that Accelerate Time to Value

For More Information









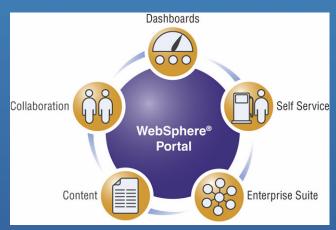




What's New?

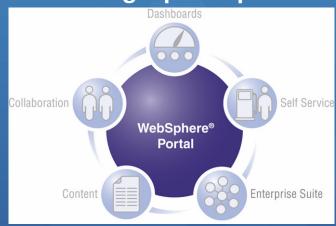
An expanded approach to offering Portal value to customers

1. Five new Portal Accelerators



Integrated packages that easily snap-on to WebSphere Portal to deliver rapid time-to-value for specific business challenges

2. Enriched single portal platform + tools



Portal Server: Composite application / business mashup framework and advanced tooling to build SOA-based solutions

3. New Federation Offering



Speeds creation of one unified "Umbrella Portal" that federates services from remote portals, including SAP, IBM, and Microsoft

4. Portal Server for Notes 8



Extends limited portal license in Notes 8 beyond Domino to include robust WebSphere Portal features







Announcement News and Availability Timeline



Portal Enhancements, including v6.0.1, Google Gadgets, WSRP Producer for WAS 6.1



Portlet Factory 6.0.1: delivers additional enterprise integrations and out-of-the-box AJAX components



Dashboard Accelerator (Lotus ActiveInsight)



Dashboard KPI Catalog (continuously updated with new KPI's)

Umbrella Federation Services Offering



Self Service Accelerator (Lotus Workforce Management)



IBM Lotus Notes and Portal



Content Accelerator
Web Content Management,
Portal Document Manager and
Advanced Search (OmniFind)



Collaboration Accelerator
Quickr & Connections and
includes Sametime



Enterprise Suite Accelerator Content, Collaboration, Dashboard, Accelerators, Forms and Expeditor



Portal 6.1 Beta platform plans include updated portal tooling, Web 2.0. support and enhanced site management



Portlet Factory adds seamless support for Lotus Expeditor



Dashboard Accelerator vNext Beta

April 2007

Midyear 2007

2nd Half 2007



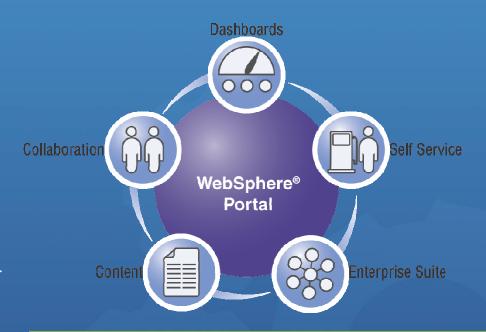






New WebSphere Portal Accelerators Speed Time to Value

- Introducing new Business Accelerators...
 - Integrated packages that easily snap-on to WebSphere Portal to deliver rapid time-tovalue for specific business challenges
 - Highly flexible, configurable, and scalable
 - Easily tailored for different roles and user types
 - Supports anytime and anywhere access from browser, rich client, and mobile devices
 - Start small. Snap on additional Accelerators for additional value
- Accelerators help customers to dramatically speed time to value and reduce the cost of deploying portal-based business solutions
 - Shorten implementation cycles
 - Realize Time to Value without sacrificing flexibility
 - Realize quicker ROI on portal investment



Accelerators are integrated packages that easily snap-on to Portal to deliver rapid time-to-value







Accelerators Matched to specific Business Challenges

"I need my teams to work together more effectively and efficiently, while easily accessing relevant corporate applications"

"I need to track my business metrics/KPIs more effectively to drive results."

Dashboards elf Service Collaboration WebSphere® **Portal** "I need to increase the value of my website by delivering realtime, personalized

"I need to deliver low touch or no touch processing of transactions - to customers, partners, or employees."

"I need a flexible platform where I can pick and choose those key accelerators needed for delivering my portal intranet, extranet, or internet site."



data based on user









Dashboard Accelerator

Available Today

- Drive Alignment around a common, visible set of performance goals
- Automate today's manual or resource-intensive processes with personalized, graphical UI tailored to each job role
- Access performance information wherever it resides with integrated, real-time views
- Take Action Intuitive views enable proactive response to issues via WebSphere Portal's rich collaboration and workflow integration
- Cut Costs
 using rapid assembly tools that dramatically cut
 the time, cost and skills required to build
 dashboards



Dashboard Accelerator includes Lotus ActiveInsight and free access to the Dashboard KPI Catalog









Customer Proof Points – Dashboards



Type

Major Benefits

Real-time ope Emissions Dashboard En

Significantly improved productivity, plant operations and regulatory performance

Enables proactive operations management and problem resolution





Sales Performance Dashboard

- Productivity: Easier to access and interpret the data and trends through graphical UI
- Higher information quality, enhanced through the on-line audit & approval process.





Sales and Customer Reporting Dashboard Increased revenue, improved decision making, increased operational efficiencies

Speed: Existing RPG developers able to learn and deliver dashboard in 3 weeks





Balanced Scorecard Dashboard Aligned performance management

Boosts employee productivity and enables quicker, more targeted decision making









More Speed with Free Dashboard KPI

Catalog

Available Today

Sets of pre-built dashboard services (portlets) to accelerate deployment of specific dashboard solutions.

FEATURES:

- Configurable portlets display best practice KPIs
- Ability to browser by horizontal segments and by Industry
- Built on flexible automation framework + SOA
- Leverages portal communication and collaboration
- Includes sample alerts
- Applies filtering techniques
- Demonstrates browser-based configuration capabilities
- Includes sample users and roles, HTML, style sheets, setup scripts, data definition files, etc.

Example Free Content: Initially 60+ KPI's

Business Leaders:



Sales:



Manufacturing:



My Alerts

Key Performance Indicators

EBITDA

My Team

Top Opportunities

Headcount Quick View

Internal Hires

Time to Fill Positions

Employee Turnover

Revenue Scorecard

Revenue

Rep Performance

Top Opportunities

Opportunities

Opportunities by Stage

Opportunities by Product

Customer List

Customer Details

Customer Satisfaction

Total Warehouse Hours

Total Production Yield

Total Shipped

Percent Accurate

Total Open Orders

Percent on Time

Inventory Shorts and Damages

WIP Status

Inventory Levels

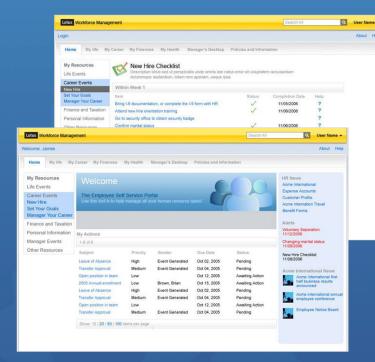




Self Service Accelerator

Available Now!

- Streamlines employee and manager HR activities through an intuitive self service front end
- Brings the power and flexibility of WebSphere Portal, SOA, and Lotus to SAP HR
- Increases efficiencies enables a lower ratio of HR administrators to employee.
- Enhances ability to focus on strategic HR initiatives for growing and retaining talent.
- Includes a flexible life and events framework and easily customizable out-of-the-box portlets for self-service tasks like updating personal information, managing taxes, onboarding, job transfers, etc.



Self Service Accelerator includes Lotus Workforce Management





City of Bradford Metropolitan and District Council



Profile

- One of the largest councils in Britain
- 10,000 employees
- Collaborating with 20,000+ outside 'employees'

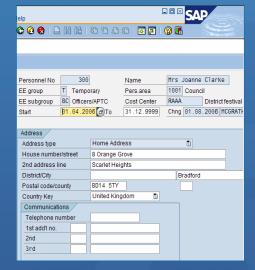
Vision

- Improve service delivery through an intuitive personalized user experience
- Provide a consolidate entry point for all systems and data that employees need to interact with
- Have employees focus on desired outcomes vs. managing processes

Solution

- Flexibility to easily craft an intuitive and personalized user experience
- Able to integrate multiple systems (including SAP) into a role-base, highly usable interface
- Cost savings due to self-service capabilities, including change personal details, expense reporting, view pay slip, create leave request, and timesheet management

SAP alternative



Lotus Workforce Management



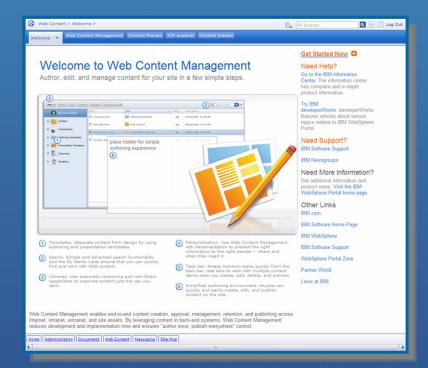
IBM's Self Service Solution enables City of Bradford to more easily achieve their <u>user experience</u> and <u>backend</u> integration goals





Content Accelerator

Available 2H 2007



Content Accelerator includes Web Content Management, Document Management, and Advanced Search

Easily manage Web content – in real time!

- Rapidly develop sites through reusable out-of-the-box components, which helps improve TCO and speed
- Keep intranet, extranet, Internet websites and portals up-to-date, accurate and in control
- Able to leverage existing enterprise content repositories

Improve productivity & relevance

- Easy-to-use interface enables non-technical users to manage Web life cycles, removing IT and Webmaster bottlenecks
- Automated workflow ensures accuracy of content
- Performance enhancing caching
- Dynamic personalized delivery of content by user role and preferences, and/or actions during a session
- Seamless integrations with Office and Windows support easy management of documents and content

Facilitate collaboration and knowledge sharing

Centrally manage documents and enable create, view, and edit based upon user access rights









Wimbledon Up-to-the-minute Info for Tennis Fans

World-renowned professional tennis tournament needed a better way to...

- -Create rich, stable Web sites to increase fan involvement
- -Facilitate publication of text, photos and audio/visual content by non-technical personnel



Result

"Wimbledon delivers a Web site that carries the most immediate tournament information, which is exciting for the Web fans and helps make the event successful."

- John Kent, IBM program manager









Collaboration Accelerator

The Collaboration Accelerator includes Sametime, Connections, and Quickr- for use within WebSphere Portal. Available 2H, 2007.

IBM Lotus® Connections



Manage ad-hoc collaborations



Bring together people with common interests



Connect team members to their profiles for expert location



Tag content, events, wiki pages, tasks, etc...



Complement Quickr contextual team blogs with personal blogs

IBM Lotus® Sametime®



- •Presence awareness and enterprise instant messaging supports real-time business
- •Web conferencing helps users to collaborate faster and smarter

IBM Lotus® Quickr™



- •Library management, check in & out, version control, etc.
- •Reusable collaborative components (libraries, calendars, tasks...) to build powerful applications
- Basic workflow for notification and approval
- •Self-service, customizable team sites
- •Templates for immediate out-of-the-box value





Collaboration Accelerator Use Case – W3

Through W3, IBM employees can quickly discover new relationships, execute better decisions, and improve productivity

Workspaces



Personal profiles



Communities





Notes Web2.0 blogging chat

social socialnetworking

communication secondlife

w3 Showing 20of 122»

4 Testimonials



Gail Chao Marketing Manager Renovations, Inc. Chicago, IL United States

Building: CHI5 | Floor 1 | Office: 1736A Local time 1-415-555-1489 Phone: 21:24 / Email: gchao@renovations.com 9:24 PM Gail Chao/ Chicago/ Renovations Notes mail:

A I am available, Chicago, IL, US, Sametime 7.5

My preferred contact method is e-mail

Add to: Notes address book Sametime list

Communities

Collaboration Tools and Initiatives Social Networking Forum University Skills Development **Virtual Universe Community**

▼ IBM Lotus Notes Hints, Tips

A basic understanding of Lotus Notes Alan Lepofsky | Nov 20, 2006 | N List of Lotusphere 2007 sessions is now Alan Lepofsky | Nov 18, 2006 | M

How many unread documents? LotusNotes Microsoft Alan Lepofsky | Nov 15, 2006 | Nov 1

> Finding Unread Documents Alan Lepofsky | Nov 10, 2006 | No

> See you in Orlando! Alan Lepofsky | Nov 10, 2006 | Ma

> Click on your calendar to create an ent Alan Lepofsky | Nov 8, 2006 | Cal

w3 News Sam Palmisano enters the virtual world	secondlife
IBM SWG DD&S - DEMOcentral	DemoNet
w3 News Sam reveals InnovationJam results in Bei	jing secondlife
w3 News Gaming in the real world	gaming ps
IBM Systems Journal Vol. 45, No. 4, 2006 - Busines	ss C activity-ce

- Marketing of Social Networking WPLC SW VC Portal Kickoff Call
- Cotus Strategy Presentation Project
- MPLC SW VC Portal Call IBM Workplace Web Content Managem
- MS Knowledge Worker Comeback for Mike & Ambuj
- Create a Redpaper: Lotus Notes for Outlook Users
- Team Collaboration Project 2006
- Increase Awareness of Lotus Brand within IBM
- Nifty Fifty 2007
- August 2006 Forrester Breifing
- ODF Integration
- Presentation: Lotusphere comes to development
- Mission, Vision & messaging sub-group fodder

Blogs/Wikis

BluePages | HelpNow | Feedback

nantha Daryn

Betty Zechman

Managemer

Mike Motler

General Manag

Dorrie Champion Director

■ Same Manager

A Gordon Sumner



Instant messaging



Activities







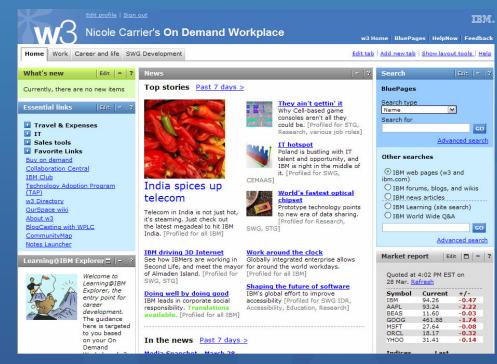




Enterprise Suite Accelerator

Available 2H 2007

- Designed for companies that want the benefits of a comprehensive portal platform that supports a wide-range of portal projects.
 - Complete horizontal portal for B2E, B2C, G2C, B2B, etc.
 - Improves operating efficiencies, increases productivity, and helps improve revenue generation
 - Features include:
 - Web Content Management
 - Advanced Search (OmniFind)
 - Connections
 - Sametime
 - Quickr
 - Forms
 - Expeditor
 - Lotus ActiveInsight
- WebSphere Portal Extend becomes part of the Enterprise Suite in 3Q 2007



The Enterprise Suite Accelerator can be used to develop comprehensive portal applications, similar to IBM's W3. This portal has saves IBM close to \$2 billion dollars a year.







WebSphere® Portal

NEW: WebSphere Portal Server + Portlet Factory

Available Today

New delivery adds even more integrations and point-and-click creation of intuitive, desktop-like web applications!

- Quickly create easy-to-use "Web 2.0" portal applications that include drag & drop, in-line editing, and intelligent page refreshing.
- Easily integrate a company's core assets including Oracle E-Business Suite, Workplace Forms, and Portal content into high-value service-oriented portlets.
- Rapidly create portlets that work with Process Server, helping customers to build SOA-based composite applications that automate key business processes.
- Enhance productivity of developers and end users with features such as new REST APIs, new Task list portlet, enhanced composite application support (e.g., policies), new Domino Integration Wizard, and support for RAD 7







WebSphere® Portal

WebSphere Portal Server and Tools Directions

New install options

- Streamlined Portal foundation supports rapid install in under an hour
- Even easier for ISVs to create solutions that leverage WebSphere Portal's core services

Operational Improvements

- Portal cloning reduces costs and saves time by significantly easing configuration of each environment
- Improve site management eases management of portal artifacts and staging to production environments

Tooling advancements

- New entitlements to Lotus Component Designer ease portlet creation for Domino or Visual Basic developers
- Seamless support for Lotus Expeditor in WebSphere Portlet Factory

Enhanced Web 2.0. features

- Simplify mashup creation with REST Services for primary portal capabilities (e.g., user profile)
- Dramatically improve performance and user experience through Client Side Aggregation and Customization using REST Services.
- Leverage existing investments Existing portlets will be automatically AJAXenabled– without any changes required!
- Improve efficiency of information integration through AJAX Client Side Feed Consumption (Atom and RSS)
- Create more intelligent, interactive applications through use of Semantic Tags to dynamically augment applications with contextual information





New: Creation of a Unified Multi-Portal Experience

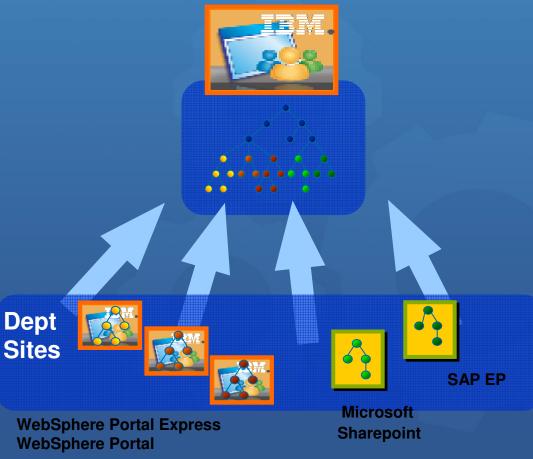
Professional Services Offering

Available Today

Unified Umbrella Portal provides cross portal federation services

- Creating one unified "Umbrella Portal" that federates navigation services from remote portals, including SAP, IBM, and Microsoft
- WSRP- Consume and display portal interfaces produced via remote portal server.
- Navigation Federation Provides unified navigation for pages that are part of a remote portal installation.
 - Supports dynamic updating of pages and content from remote server
 - Enables departments to still control access to portal components on remote server
 - Centralized control and administration across organization's portal assets

Unified navigation for pages that are part of different portal products











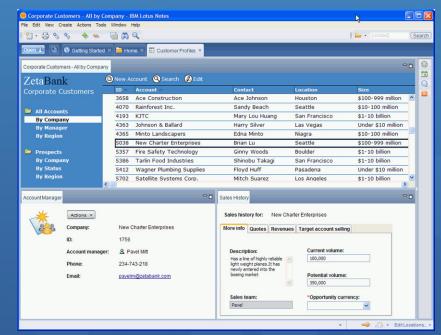


Introducing IBM Lotus Notes and Portal

Lotus Notes

Planned Availability Q3 2007*

- A single composite application experience for both Lotus Notes and Browser users including:
 - Mash up Domino and Non Domino applications that can be accessed by any user.
 - Incorporate Advanced Personalization into new and existing applications.
 - Provide a single point of administration for Composite Applications
 - Leverage a common Composite Application toolset to maximize reuse.
- Benefits to the Notes / Domino Customer:
 - Extend your Composite Applications to all of your Lotus Notes and Browser users
 - Manage Composite Applications from one place
 - Leverage and extend your existing Notes and Domino assets to deliver new applications to new user communities (customers, partners, agents)
 - Leverage existing Domino and Java development skills to integrate with back end applications on your terms.



IBM Lotus Notes and Portal adds an expanded composite application capability for all Domino users.

* Product release dates and/or capabilities referenced in these materials may change at any time at IBM's sole discretion based on market opportunities or other factors, and are not intended to be a commitment to future product or feature availability in any way.



WebSphere Portal, a History of Leadership

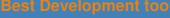




















DMReview













IBM WebSphere Portal

Oracle Oracle9iAS Portal



ENTERPRISE PORTAL APPLICATIONS AND PLATFORMS (TIE)























Agenda

IBM WebSphere Portal Overview: Strategy and Key Capabilities

What's new? Innovations that Accelerate Time to Value



For More Information













For More Information:

- Websphere Portal Business Solutions Catalog:
 - http://catalog.lotus.com/wps/portal/portal
- Webspere Portal Product Information:
 - http://www-306.ibm.com/software/genservers/portal
- WebSphere Portal Information Center Documentation:
 - http://www.ibm.com/developerworks/websphere/zones/portal/proddoc.html



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