

WebSphere Portal A Platform to Deliver Innovation



Joe Preston, Sales Leader Websphere Portal & Web Interaction Software June 2008 Today's business challenges are evolving at a rapid pace. Concerns of innovation, leadership and agility coincide with cost reduction and efficiency concerns.

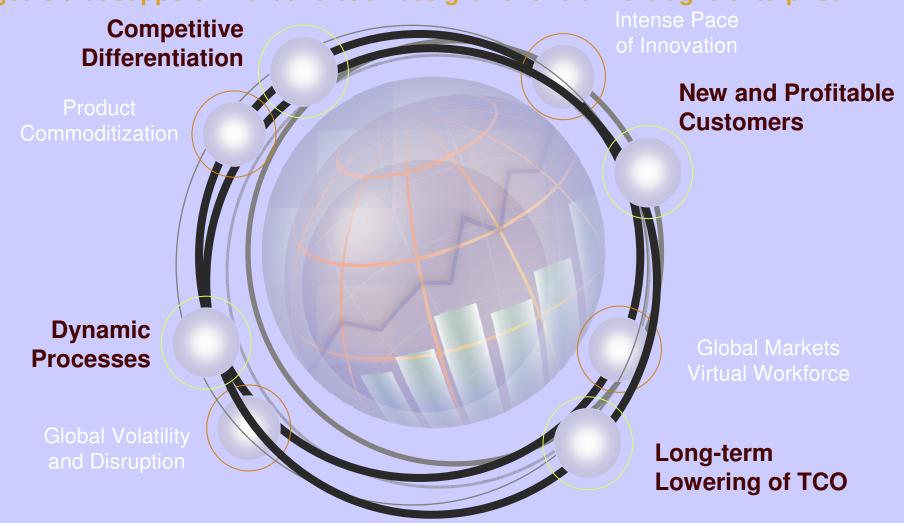
Intense pace of innovation

Product Commoditization **Concerns** Global Markets Global Volatility and Disruption

Cost reductions Efficiency Outsourcing Consolidation

Virtual Workforce

These marketplace factors are leading organizations to focus on business goals that support innovative business growth and a more agile enterprise.

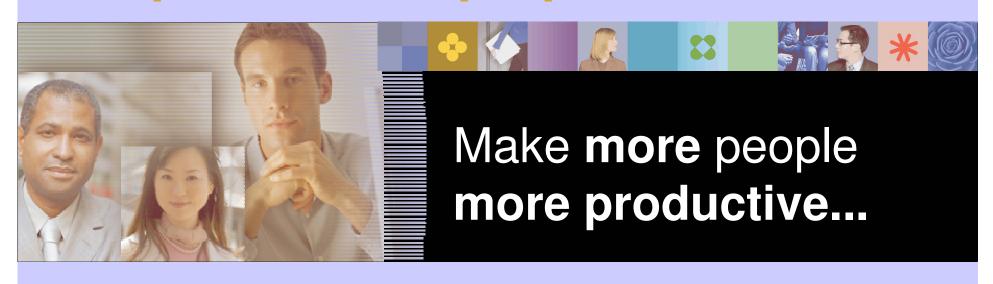


IBM offers a business solutions platform...

designed to unlock value from enterprise assets and flexibly deliver it to customers, partners, and employees



The portal value proposition



in the context of what they do – everyday



But here is what ithey do everyday' looks like now tivity and



Portal Success is Built Upon Clear Business Objectives

Enable collaboration, within and outside company

Intuitive, continuous customer interaction 24/7

Link customer to in context information for cross sell

Reduce administrative costs and bureaucracy

Simplify and standardize, reduce complexity

Reduce costs with selfservice (customer, employee, citizen, partner) Cost Savings
& Revenue
Generation

Operating Efficiency

Corporate Integration

Aligning IT Investments

Promote one brand, communicate consistently

Provide greater sense of belonging – "Global Glue"

Communicate directly, through 1 high impact channel

Share single infrastructure and leverage scale

Assemble flexible applications faster and easier

Leverage previous technology investments

Portals are a technology that can help on all of these challenges by providing integrated access to people, applications, processes and information to support innovation that matters.

B2E Portals improve employee productivity and rapid decision making

B2C Portals increase customer loyalty and cross-sell revenue





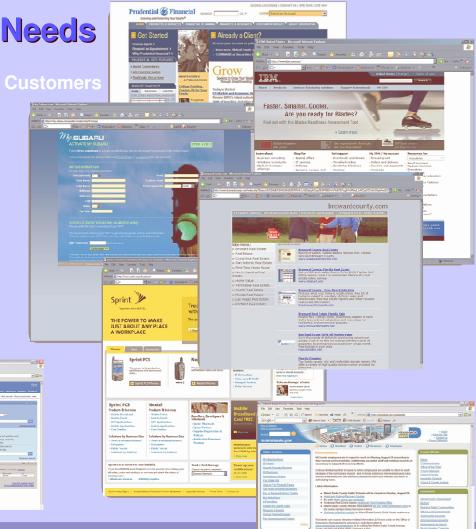
Exceptional User Experiences

One Platform
Many Different Business Needs

Partners







WebSphere Portal Strategy

Delivering Exceptional User Experiences:

- Deliver the user experiences they choose to their partners, employees, customers, or citizens, with flexibility for change and based on open standards.
- Quickly leverage existing investments, through market-leading composite application tooling and robust framework
- Create highly personalized applications that adapt to users' context, community, role, actions, location, and preferences
- Interact with information from the user's device of choice
- Deliver a front-end to SOA, enabling business flexibility and agility
- Speed time to value with Prebuilt Portal snap-ons for specific business problems



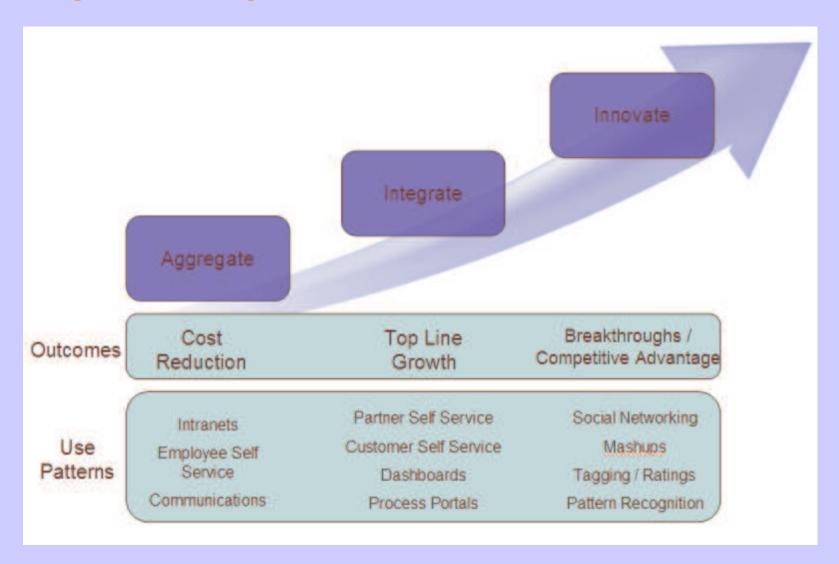
WebSphere Portal *Market Momentum 2007*

- #1 in Marketshare (IDC) for 5 consecutive years
- #1 In Gartner's Magic
 Quadrant for 6 consecutive
 years



	2004	2005	2006	2006 Share (%)	2005–2006 Growth (%)
IBM	221	247	284	31.5	14.9
BEA	131	156	177	19.6	13.7
Oracle	58	85	95	10.5	11.8
Microsoft	40	42	50	5.5	16.7
SAP	65	50	41	4.5	-17.7
Vignette	28	31	38	4.2	19.3
Sun Microsystems	30	34	37	4.2	11.2
CA	35	35	35	3.8	-1.4
TIBCO Inc.	13	14	10	1.1	-26.4
Broad∀ision	10	9	9	1.0	-3.7
Attachmate	7	8	9	1.0	11.8
Open Text Corp.	6	7	7	0.8	9.3
Other	84	95	110	12.2	15.8
Total	728	813	901	100.0	10.8

Meeting the Challenge With Portals



Technical Enablers That Drive Outcomes

Aggregate

Integrate

Innovate

Single Sign On
Web Clipping
Web Content Management
Role Based Access
Common Look and Feel
Common Navigational Models
Single Infrastructure
Single Security Models

Standards
Improved Tooling
Personalization
Portlet Interaction
User Based Publishing
Virtual Portals
Composite Applications

End User Customization
End User Assembly
User Driven Contribution
Service Oriented Architecture
Multiple Content Sources
Multiple Security Sources
Attribute driven personalization
Federated Search
Loose Integration
Improved Governance
Speedy Content Promotion

Version 5.0

Version 5.1 and 6.0

Version 6.1 and Beyond

WebSphere Portal Product Releases

Integration comes from everywhere



Feeds
Search and Federation
Tagging and Messaging
Navigation and Theming
Tooling and Builders

Gadgets
Widgets
Desktop Integration
REST Services
External Content

Web 2.0 & IBM Strategy

TAKE SUCCESS OF WEB 2.0 & MAKE IT READY FOR ENTERPRISE



Web 2.0 Sites

PHP

REST

Semantic Tagging

Tagging
Tagging
Tag Clouds
"Services"

Folksonomy
Blogging

Mashups

wikis

Technology
Flex

XML

RSS
AJAX
Atom

How do Web 2.0 Sites differ from Web 1.0 Sites?

Next generation World Wide Web Applications and Services:

Approaches such as services instead of products, the web as a platform, ...

Concepts such as folksonomies, syndication,

Business Models that proved to survive and have promise for the future participation,

Technologies such as AJAX, REST, Tags, Microformats,

Classic Web 1.0 site

- Web Master" runs web site, end users only consume
- Few content editors
- Web site provides limited content
- Accumulates relatively small amounts of information and content
- Unidirectional
- View-only markup
- Only human users
- Admin defined Fixed categories

→Limited value

Modern Web 2.0 site

- End users contribute to the web site, user empowerment
- Every user is a content editor and rater
- Web site provides <u>collective contributions of all</u> <u>users</u>
- Accumulates huge amounts of information and content from end users
- Bi-directional
- Semantically tagged markup
- Humans and applications as users
- User defined FlexibleTagging Folksonomy

→As much value as users add

The Impact of Web 2.0 To Your Users



The user experience is greatly enhanced

- Improved response times AJAX, REST, client–side aggregation, C2A
- Enhanced flexibility easy end user customization through drag & drop, Google gadgets, etc.
- Smart markup and dynamic menus through semantic tags (i.e Live Text)

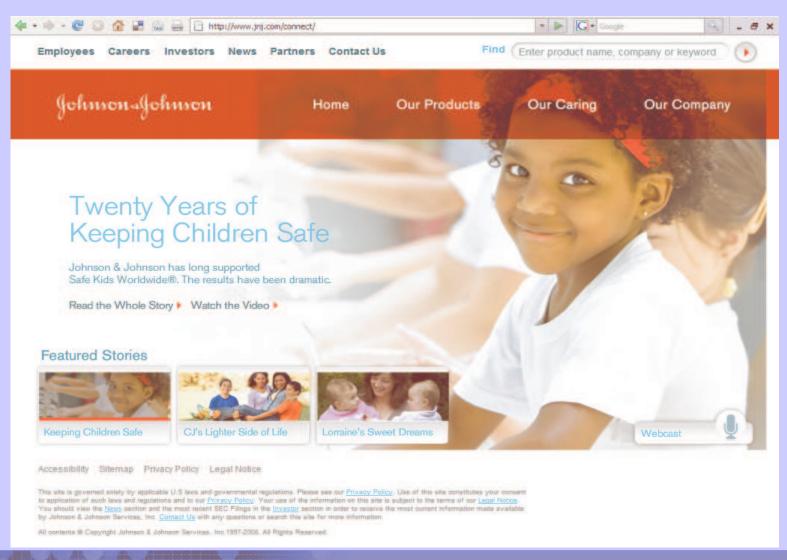
through Social Software

- Lotus Connections portlets
- Quickr blogs, wikis, and forums

Improve time to value, time to market

- Business user situational application development through the Portlet Palette, drag & drop page composition, and composite application templates
- Business user contribution of WCM content
- More assets (REST, ATOM, gadgets) available to choose from.

Customer Facing: Johnson & Johnson *Portal and WCM manage JnJ web presence*



Presentation Services

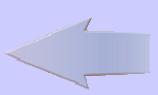








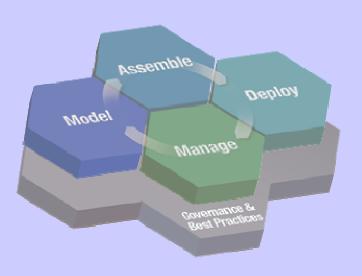




Other Clients



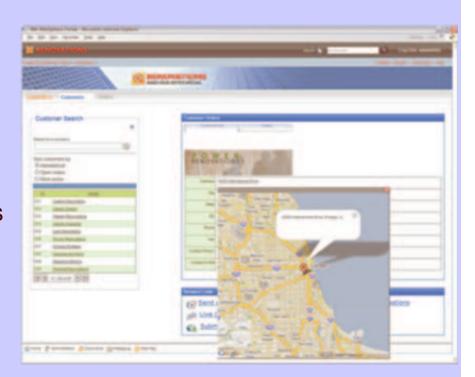




IBM WebSphere Portlet Factory

Supercharging custom SOA based application and portlet development

- Delivers SOA based applications rapidly without writing Java code
- Simplifies integration of data from disparate back-end systems with pre-built connectors
- Provides a rich Web 2.0 user experience
- Delivers highly customized role based views from a single code base
- Integrates seamlessly with IBM WebSphere Portal
- Empowers business users to personalize experience
- Enables deployment to platforms beyond IBM WebSphere Portal

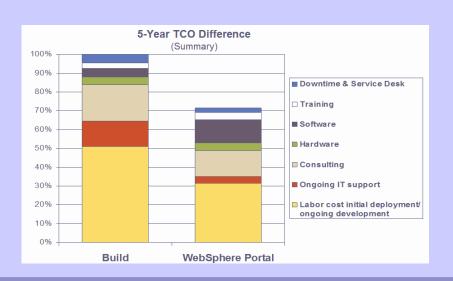


WebSphere Portal Advantages over "Build Your Own"

- WebSphere Portal based solutions had on average a 29%
 lower 5-Year TCO compared to in-house developed portals
- 38% lower IT labor cost
- 45% faster time to market for initial portal deployment and 78% faster for applications
- 28% increase in server and application availability
- User productivity increase of 25%

* Published in December 2007





Duke University Health System

Transforming the patient experience with the IBM WebSphere Portlet Factory.

Challenges

- Build closer patient relationships, increase loyalty and satisfaction, improve safety and care and reduce costs and complexity.
- Provide a secure unified online patient interaction experience by integrating multiple disparate back-end billing, patient management and clinical systems in real-time.
- Deliver solution in 14 weeks.

Results

- Delivered a single, unified health portal site where patients can securely and easily access data and services based on a SOA architecture.
- Enabled patients to request and book medical appointments, view and manage account information, pay bills and maintain personal health and insurance information.
- Provided solution components rapidly and iteratively leveraging existing non-Java experienced technical staff.



"Portlet Factory—the OnDemand secret weapon"

-Pete L'Engle, Senior Program Manager, Duke Health

Allmerica Financial/Citizens Hanover

Company Profile

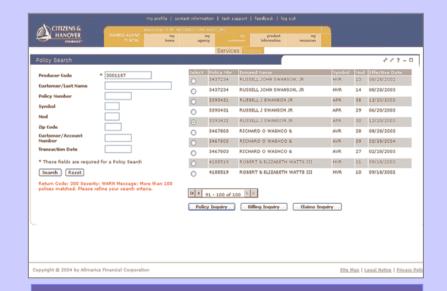
- Mid-sized Insurance and Financial Services company
- Distributes through independent Agents

Challenges

- Focus on improving operation efficiencies Policy Sales, Claims Processing, and Call Center
- Provide better access to Management Info
- Programmers with minimal exposure to J2EE, Java languages and HTML
- Need to integrate numerous disparate legacy systems
 - Mainframe, Unix, Microsoft, and Web applications

Results

- Delivered Agent Portal to 2,000 agents on time and on budget
- Saved \$1M in development costs
- 75% faster time to market

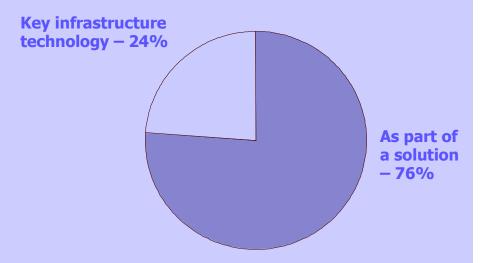


"Portlet Factory saved \$1 million in development costs. The technology enabled us to build the portal in four months, whereas using API technology would have taken about 16 months."

Mike Clifton, Vice President of IT, Allmerica Insurance

Shift in Portal Market Dynamics

- 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)
- Growth is being driven by departmental solutions or functional portals (IDC, Worldwide Enterprise Portal Software 2007–2011 Forecast, Doc #206212, Mar 2007)



Types of Solutions: Business Performance Management, Collaborative Applications, Customer Care/Service...

Accelerators for WebSphere Portal

Accelerators help **businesses achieve goals**:

- Improve communications and drive operational efficiencies by easing development and management of dynamic web content
- Drive productivity through collaboration and social networking, allowing business people to quickly connect and build new relationships based on their individual needs
- Improve business measures with visibility into business operations with real-time dashboards and scorecards
- Prebuilt to help business owners minimize time to achieve business goals

Accelerators help IT to dramatically **speed time to value** and **reduce the cost** of
deploying portal-based business solutions

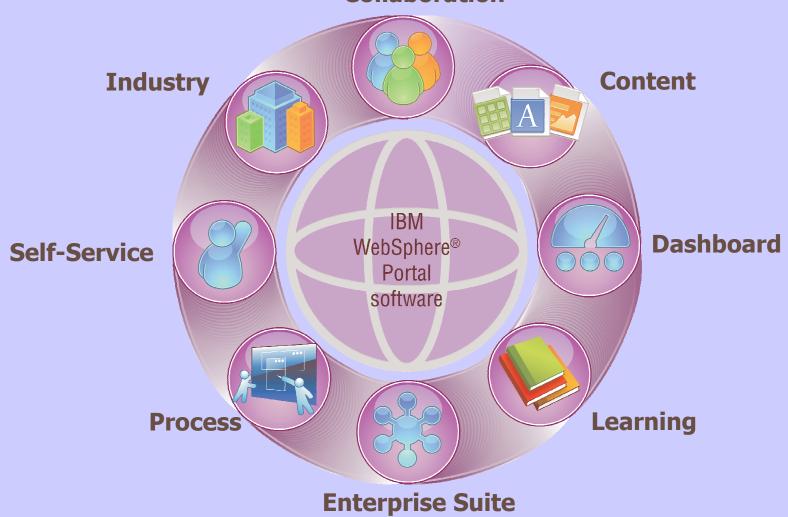
- Shorten implementation cycles
- Realize time to value without sacrificing flexibility
- Realize quicker ROI on portal investment
- Highly flexible, configurable, and scalable



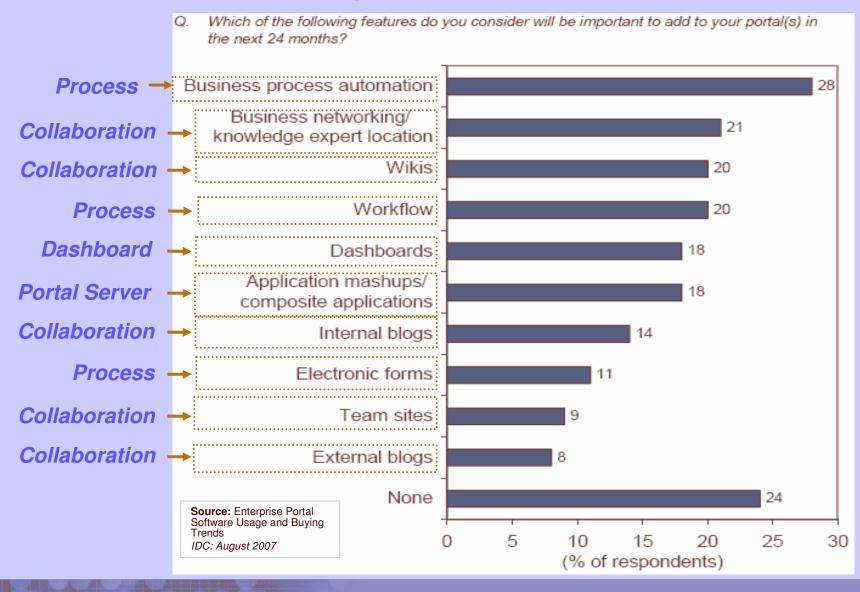
Accelerators are integrated packages that easily snap-on to Portal and address a specific business need

IBM Accelerators for WebSphere Portal Overview

Collaboration



Proof Point – What Companies Want

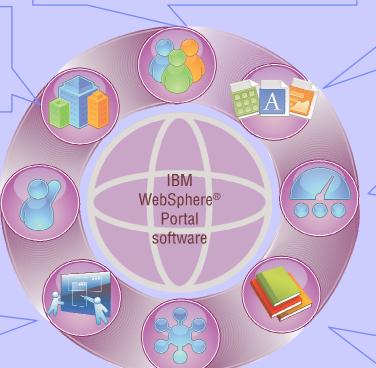


Accelerators Match Specific Business Challenges

"I need to deliver dynamic, rolebased composite applications to the different internal and external audiences within my industry"

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

"I need to expose business processes in context of the information, applications, and data that line of business needs to make decisions." "I need my teams to work together more effectively and efficiently, while easily accessing relevant corporate applications"



"I need to increase the value of my website by delivering real-time, personalized data based on user attributes"

"I need to track my organization's goals and performance against them to more effectively drive results"

"I need a cost effective way to deliver personalized, online training "just in time" within the context of my employees' ongoing activities."

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



IBM Dashboard Accelerator

Drive Alignment around a common visible set of re

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 can dramatically cut the time, cost, and skills required to build dashboards



Dashboard Accelerator includes Lotus ActiveInsight and no charge access to the Dashboard KPI Catalog for licensed customers

Featuring WebSphere Dashboard Framework

Reusable design components (builders) speed creation of custom portlets

Summary & Drilldown



Hierarchy Drill Down

Status	<u>Office</u>	Office Manager	Actual	<u>Plan</u>	<u>Difference</u>	% of Plan
	<u>Miami</u>	Marcus San Antonio	\$210,060	\$220,000	-\$9,940	95.48
0	<u>Dallas</u>	Jane Johannsen	\$269,522	\$354,000	-\$84,478	76.14
0	<u>Atlanta</u>	Helena Krack	\$133,773	\$177,000	-\$43,227	75.58
	<u>Houston</u>	Robert Roland	\$211,939	\$429,000	-\$217,061	49.4
= Ехсе	= Excellent (Above 90.0%) = On Track (Between 70.0 - 90.0%) = Warning (Below 70.0%)					

Record List & Detail

<u>Opportunity Name</u>	<u>Rep</u>	<u>Amount</u>	<u>Stage</u>	Committed	<u>Initiated</u>	Forecast Date
T&T Support Contract	Fred Carrier	\$35,500	1	N	12/01/04	03/31/05
AlcaTec server upgrades	Fred Carrier	\$25,500	2	N	09/01/04	03/31/05
AlcaTec.com Next Rev	Fred Carrier	\$25,000	1	N	10/01/04	05/31/05
AlcaTec services contract	Fred Carrier	\$19,000	3	N	10/01/04	03/31/05
T&T New Architecture	Fred Carrier	\$15,000	2	N	10/01/04	03/31/05
T&T Server Upgrades	Fred Carrier	\$13,500	5	Υ	09/01/04	12/01/04

Summary Row

Opportunities at Stage 5				Toolb	ar 🕙 🕮
Opportunity	Amount	Stage	Committed	Days at Stage	Days Old
Boston Industries HR Connection	25,300	5	Y	29	162
Boston Industries HR Connection	28,434	5	Y	40	221
Corp Network Upgrades	30,000	5	N	49	149
Initech PR Project	28,434	5	Y	40	175
MachineTec Install	18,300	5	Y	39	158
MachineTec Upgrades	48,300	5	Y	39	158
P.A. Network Center	43,000	5	N	29	145
T&T Server Upgrades	13,500	5	Y	38	158
Williams and Company HR Plot	38,434	5	Y	29	205
9 Opportunities	273,702		7 of 9	37	170

Annotations



Status Indicator

		2004	
YTD Operating Profit	32,262	31,942	+0.81%
YTD ROE	24.94%	23.97%	-3,89%
YTD Sales	1,120,783	1,220,060	9.86%
YTD Gross Margin	258,927	282,078	8.94%
YTD Loss Absorption	14.10%	20.40%	44,68%
Average Company Size	2,700	2,870	6,38 %

Query Filter

Region	Office	Rep	
Southeast US	Houston	Fred Carrier	Y

Maps



Status Page





Dashboard KPI Catalog www.lotus.com/dashboardcatalog

Pre-Built Dashboard Services (Portlets) to accelerate deployment of specific dashboard solutions



Vertical: Industry	Horizontal: Line of Business
AutomotiveLocal GovernmentBankingInsuranceManufacturing	ExecutivesSalesITFinanceClaims

FEATURES:

- Branch off of Portal catalog
- Configurable portlets display hundreds of best practice Key Performance Indicators
- Built on flexible automation framework + SOA
- Leverages portal communication and collaboration
- Applies filtering techniques
- Includes sample users and roles, HTML, style sheets, setup scripts, data definition files, etc.
- Available at no cost to Dashboard Accelerator Customers

Introducing Dashboard Accelerator Builders for Bl

Surface BI Data as a Service in WebSphere and Portal Applications



Pre-Built Components Enable WebSphere SOA Tools Manage BI Information

as a Service

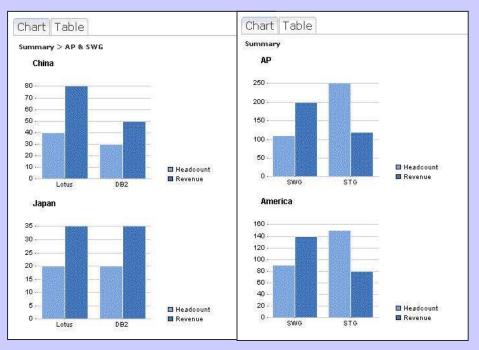
- No Java development
- Access and reuse data across applications built using WebSphere RAD tooling
- Lets data in BI systems inherit the "actionable" characteristics of WebSphere Dashboards

Supported Systems

- Cognos BI 8.1 and 8.2
- Business Objects Enterprise XI R2
- Hyperion Essbase 7.x and 9.x

Capabilities

- Developer identifies which reports and parameters users can choose at run-time
- Report data is available via XML for display in the dashboard, or for use by other builders
- Drill Down Builder generates drillable UI charts and tables from multi-dimensional data sources
- Available now!





Dashboard Accelerator Customers References

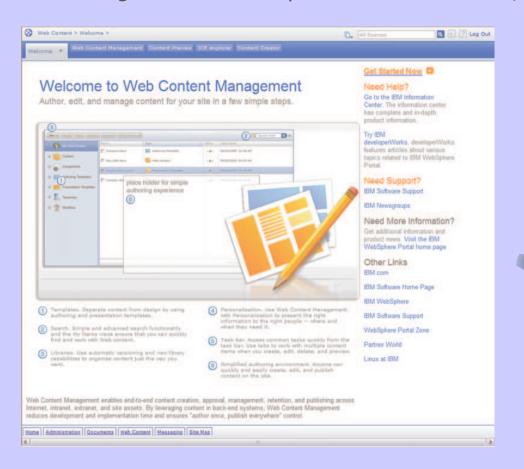
See webinars on www.lotus.com/activeinsight

	Туре		Major Benefits		
TransAlta		Real-time Emissions Dashboard	 Significantly improves productivity, plant operations and regulatory performance Enables proactive operations management and problem resolution 		
STARWOOD HOTELS & RESURTS WURLDWIDE, INC.	1	Hotel Management Dashboard	 Unifies sales information from BI systems, spreadsheets, email, and web content into one location Improved Sales productivity – and 30% decrease in Sales support costs 		
ZORG® veiling		Health Care Auction Dashboards	 Online auction site lets insurance company submit requests for patients, then choose best bid from care provider Cutting cost of Healthcare in Netherlands by 15% 		
Prudential	The second secon	IT Call Center Dashboard	 Connects to 14 different applications and monitoring tools to present uniform view of system health Spans information silos to cut mean time to problem resolution 		



IBM Content Accelerator

Provides simplified, yet powerful, online Web content creation and management to business users - removing authoring bottlenecks. It helps improve productivity and allows organizations to keep Web content accurate, up-to-date and easy-to-find.







NCAA

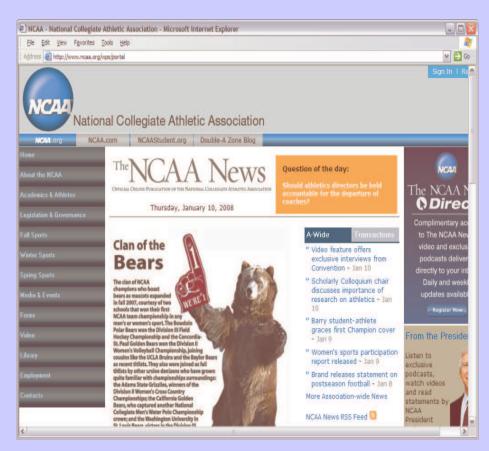


WebSphere Portal Provides NCAA With The Ability to:

- Offer personalized content to end users
- Customize the site to meet users' needs and interests
- Provide self-service capabilities and reduce phone calls at its national office
- Help employees and member organizations do their jobs more effectively
- Promote collaboration and learning among member institutions

Solution Components

- WebSphere Portal Extend
- Web content Management



Online Commerce: LensCrafters leverages WCM to reach more customers

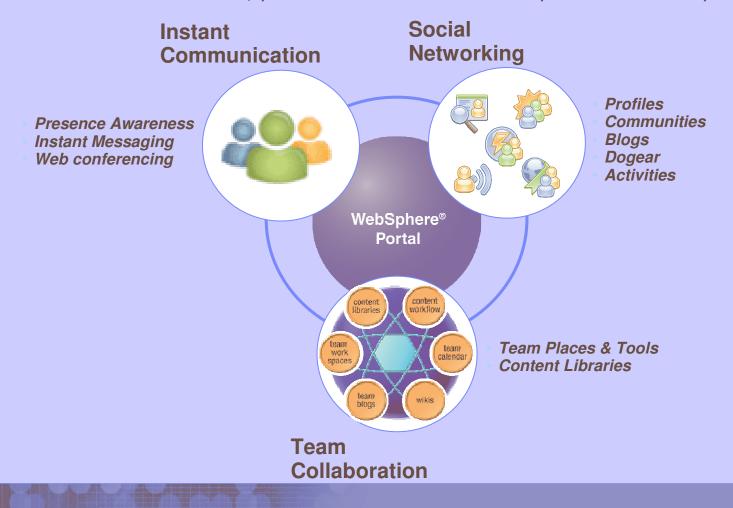






IBM Collaboration Accelerator

Delivers an interactive Web-based platform, providing people with more effective and costefficient ways of accessing information, sharing ideas, communicating and working together – in the context of their role, processes and activities via a personalized composite portal.



Collaborative Capabilities Commonly Listed as Important

- In a recent survey* of organizations with portal technology, these
 Collaboration capabilities were cited as 5 of the top 10 features important to add to their portal in the next 24 months:
 - Business Networking / Knowledge Expert Location
 - Wikis
 - Internal Blogs
 - Team Sites
 - External Blogs



IBM Collaboration Accelerator helps organizations better communicate, innovate and work together, by combining with WebSphere Portal Server to deliver personalized, *interactive* composite applications.

*Enterprise Portal Software Usage and Buying Trends IDC: August 2007





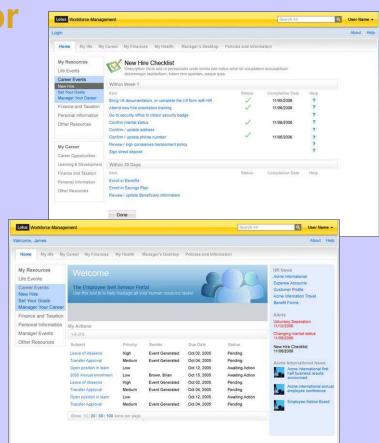
Bank of New York Mellon Launches Innovative Social Networking Initiative

- Business Need:
 The Bank of New York Mellon sought a way to allow employees to link up and share ideas, from professional concerns to personal interests.
- Solution: Lotus Connections software gives employees a forum through which they can share interests or collaborate on business projects among all of its 40,000 employees.
- Benefits to BNY:
 - Blending of information and interests of the technical employee pool, which formed from the previous merger of the two banking companies.
 - Future use can expand to accommodate myriad banking issues: concerns about issues with compliance, or needs in the back-office, employees will be able to synergize by sharing information.
- American Banker article: "BNY mellon pools human capital in social network"



IBM Self-Service Accelerator

- •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.
- •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.



IBM Self-Service Accelerator includes Lotus Workforce Management



City of Bradford



Profile

- One of the largest councils in Britain
- Over 20,000 employees
- 7,000 staff are active users of Self Service

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



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



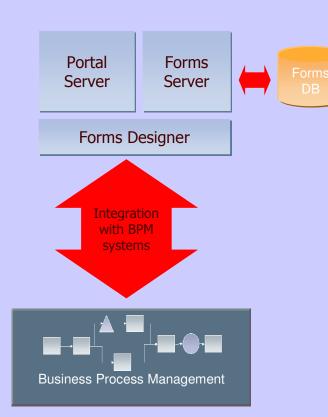
IBM Business Process Accelerator

Respond Quickly To New Business Opportunities

- Empowers business users to take action in business processes
 - User-friendly form interface to business processes in context of information, content and data to enhance decision-making
- Accelerates processes automation efforts
 - Starter set of sample forms, portlets and business processes
- Rapidly integrates with existing infrastructure, applications and data.

New integrations for Lotus Forms 3.0.1:

- WebSphere Process Server
- WebSphere Integration Developer
- WebSphere Business Modeler
- FileNet Business Process Manager



Streamlined Business Processes Benefits Include:

- Increased revenue through a faster, more automated and streamlined approval processes based on more accurate data and improve decisions
- Decreased expenses through reduced re-work, reduced or eliminated paper handling, and real time identification and validation of required information
- Increased efficiency with straight-through-processing to create a once and done environment that can significantly reduces the elapsed time to complete the decision/approval process
- Assistance with regulatory compliance through creating a complete record of the entire business transaction
- Improved customer service through an easy to use Web-based data capture process





Cardiff University – Wales, UK



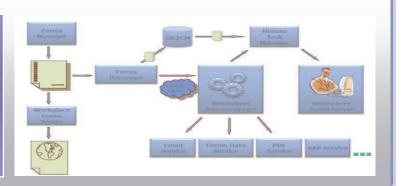


The business challenge?

- Create a Modern Working
 Environment by integrating the
 Portal with processes so that
 Faculty, students, and external
 collaborators could have a
 common yet personalized view
- Create a Lean Administration via a single secure point of access to all authorized services regardless of location

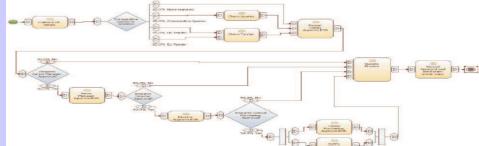
Sample Applications

- Paperless online enrollment
- · Pay course fees online
- · Pay residence fees online
- Change requests
- · Sickness absence
- Library requisitions
- Timesheets
- · Staff training requests
- Expenses



Benefits

- Only solution available that could satisfy the government mandated integration requirements in the timeframe imposed
- Improved efficiency from automating most manual processes, both internal and external supplier request processes
- SOA approach enabled existing backend processing to co-exist with new automated processing system
- Live within 6 months



Process for External Order Request

© © IBMWebSphere Portal Launch > Administration > WebSphere Portal > Portlet Nanagement > Ports Nodules > See WebSchere Portal	SEATH OF STATE ST	Ø. • Ø Tgob • ™ Ŷ Long Cot ∰		SAUTO TO ALL PARTY OF THE PARTY	
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IBM Enterprise Suite Accelerator

A platform supporting multiple portal projects to meet the growing and evolving needs of the organization, including:



Real-time Performance **Dashboards** and **Scorecards**



Online Instant Communication, Teaming and Social Networking



End-to-End Web Content Management and Search



Security-rich Electronic Forms



Offline Managed Rich Client Support



IBM Industry Accelerators

Industry Assets packaged to assist in rapid deployment

Government

- Every G8 Country is using WebSphere Portal
- 22 of 50 U.S States use WebSphere Portal
- The largest government portal ever is based upon WebSphere Portal
- 10 of 16 Middle East Governments use WebSphere Portal
- Over 40 U.S Federal Agencies use WebSphere Portal
- The largest public education portal ever is based upon WebSphere Portal

Banking

- WebSphere Portal is used by 9 out of the Top 10 Global Banks
- 9 out of the Top 10 US Banks
- 7 out of the Top 10 European Banks
- 29 out of the Top 50 Global Banks
- 24 out of the Top 50 US Banks
- 8 out of the Top 10 Asia Pacific Banks

Healthcare

- WebSphere Portal is used by 4 of the top 5 US healthcare insurance companies
- and over 30 hospitals, clinics, and delivery networks around the world
- WebSphere Portal supports more than 12 online healthcare provider sites that service more than 20K users each, including major 2 sites servicing over 5M users each
- Two major healthcare information system providers OEM WebSphere Portal

Retail

- WebSphere Portal is used by 8 out of the Top 10
 Global retailers
- 9 out of the Top 10 US Retailers



OCBC Bank ROI from Portal & Forms

OCBC is one of Asia's leading financial services groups with a network of more than 460 branches and representative offices in 15 countries and territories including Singapore, Malaysia, Indonesia, Thailand, Vietnam, China, Hong Kong SAR, Taiwan, Brunei, Myanmar, Japan, Korea, Australia, UK and USA

Portal Initiative - Live March 2005 (currently on Portal 6.0)

- Portal implemented across Siebel, Oracle, Sharepoint, Mainframe (8+ backend systems)
- Delivered via 5 Portal channels eg. Retail, Advisers (4,000), Internal
- Common SOA framework

Result: Met business case within 3 years

 All previous web interfaces have been decommissioned. All UI through a portletised model. (e.g. upgrade of Siebel to v8 will be "vanilla" as Websphere Portal is the sole UI)

Forms Initiative - Live April 2007 on 3.0

Lotus Forms integrated with Portal replacing Adobe AND Siebel Forms

Result: Met business case in under 10 months

- 70+% of all converted transactions/forms are now completed electronically. Expected 3 year adoption rate was met in 3 months.
- 15% of all transactions use "electronic" signatures
- Intelligent documents are up to 34 pages in length with 11 overlapping signatures

Physician / Clinician Portal: Catholic Healthcare West

CHW Connect





Goals

- Areas of focus, resources, tools & applications, training & development
- Personal user preferences role & facility
- Online community integration
- Integrated search and web content mgt
- 5,000+ users (CHW is the 7th largest healthcare provider in the US, with 40 hospitals)

Business Drivers

- Better recruit and retain clinicians and physicians
- Provide a comprehensive and efficient channel for distributing standard information

Home Depot Integration & Branding Requirements

- **2004**
 - 1900 Stores (US, CA, MX, PR)
 - 325K Associates
- Different Branded Stores
 - Home Depot
 - Expo Design Center
 - Home Depot Supply
 - Georgia Lights, Landscape Supply, etc.
- B2E & B2B Portals
 - Internal Employee Portal (325K)
 - External Supplier Portal (40K)









Summary

- WebSphere Portal
- IBM has invested heavily the past 8 years in Portal Capabilities
- Investing for the future, responding to new customer buying trends
- Introducing accelerators addressing specific business problems
- Strengthening core portal with Web 2.0, easy, fast, flexible
- Long Term Partner through all the market shakeouts, technology shifts and changes to protect customers investment

Goals for the future

- Be second to none in mission critical portal attributes
- IBM Portal customers ROI 2x better than alternatives
- Highest Portal customer satisfaction as indicated by repeat business
- Have simplicity and ease be attributes customers use to describe WebSphere Portal
- Continue to grow rich ecosystem of partners to help serve our customers
- Move from Leadership position to Dominance position in the portal market



The Business Value of WebSphere Portal

Take a Look at IBM

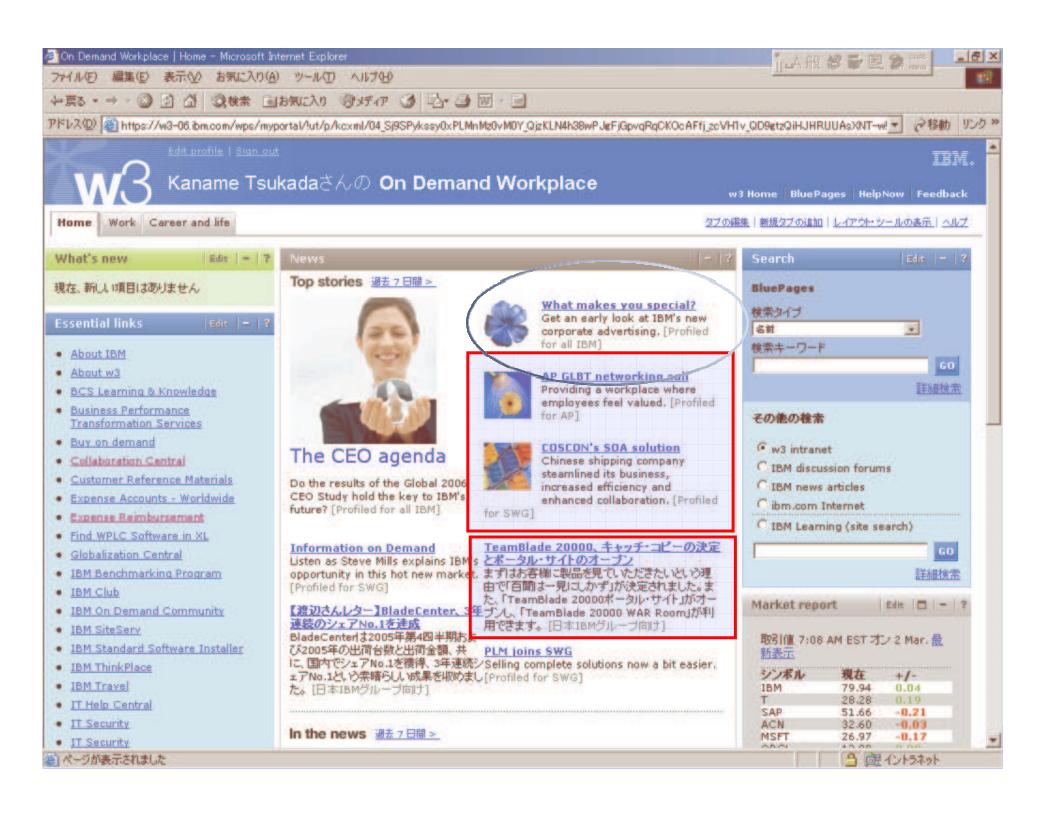


The On Demand Workplace is transforming the way employees work at IBM ...

- Providing "one place" with personalized access to IBM resources
 - 2.8 million page views per business day
 - 130 million hits per week
 - 80% of IBMers visit w3 ODW at least once per day
- Integrating content, learning, expertise, collaboration and business applications
 - 380k internal users, 200k concurrent users
 - 6M messages/day
 - IM second behind Mail in use
 - 217,000 e meetings/year
- Enabling increased productivity through rolebased delivery of resources
 - Productivity savings estimate of \$80.6 million
- Reducing development & deployment costs
 - Millions in savings from site consolidation from hosting charges to content management
 - IBM.com 100% up time since 2001, last outage was 5 min







Standardization of common tools and design ensures investment focus is on a single portal access point

- Standardized on one single portal interface and platform avoiding an average \$120M in competing investments.
- Created standards for:
 - Content Management
 - Security /Authentication
 - Data Warehousing
 - Profile Management
 - Search and Taxonomy
 - Enterprise Brand (Look, Feel, Navigation)
 - Metrics / Scorecard Central Services
- Standards have been applied to ensure consistency in content and design processes yielding a 20% reduction in the cost to deploy web applications



Portal Success is Built Upon Clear Business Objectives

Enable collaboration, within and outside company

Intuitive, continuous customer interaction 24/7

Link customer to in context information for cross sell

Reduce administrative costs and bureaucracy

Simplify and standardize, reduce complexity

Reduce costs with selfservice (customer, employee, citizen, partner) Cost Savings & Revenue Generation

Operating Efficiency Corporate Integration

Aligning IT Investments

Share single infrastructure and leverage scale

Assemble flexible applications faster and easier

Leverage previous technology investments

Promote one brand, communicate consistently

Provide greater sense of belonging – "Global Glue"

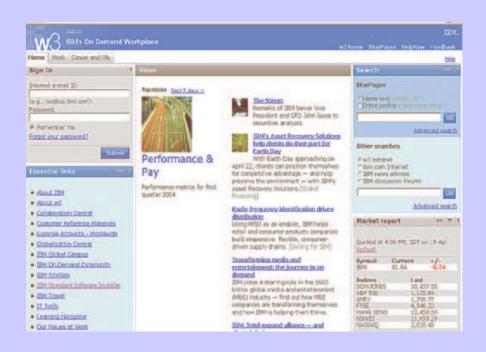
Communicate directly, through 1 high impact channel

Find relevant information faster

Collaborate and learn from collective experience

Leverage expertise and collaborate to reduce cycle times

IBM Internal Use of Portal The On Demand Workplace (ODW) Portal



Cost Savings

CorporateIntegration

Operational Efficiency Aligning IT Investments

ODW Reduces the Cost of Delivering Administrative Services and Strategic Processes

- Hard cost savings
- Cost avoidance through standardization
- Headcount realignment
- Productivity improvements

\$2B / Year in savings

Real cash the business can use

Cost Savings

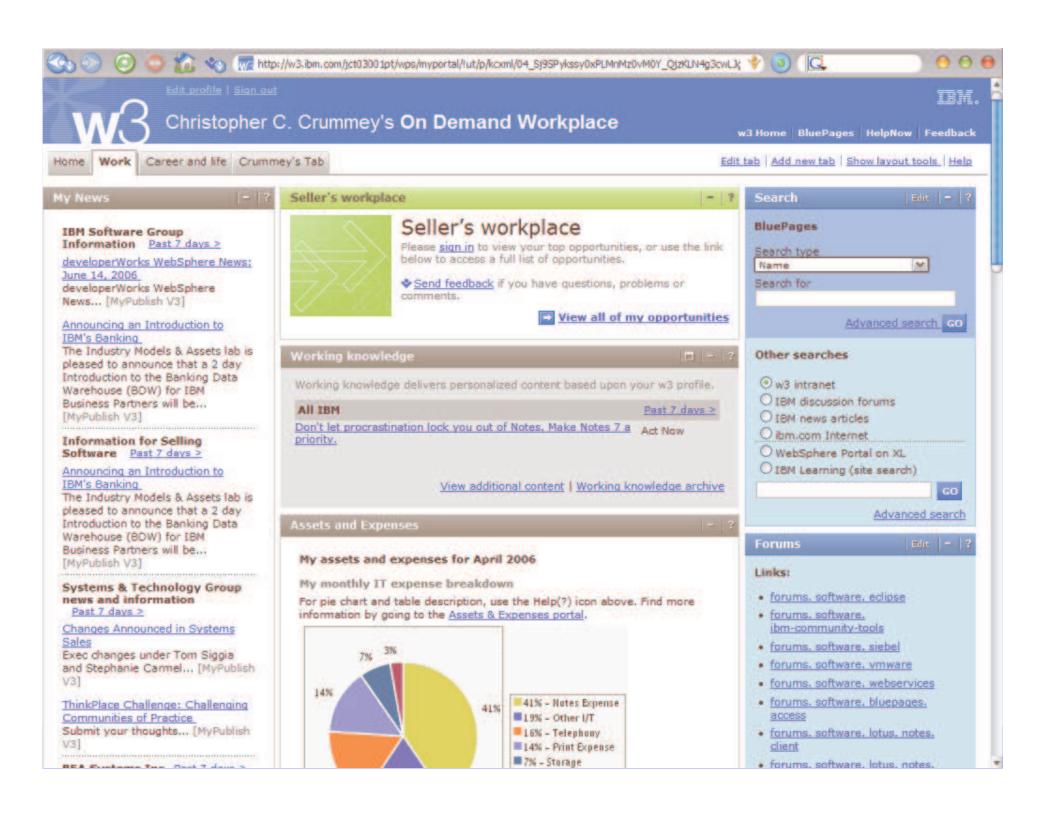
Corporate Integration

Operational Efficiency

Aligning IT Investments

Cost Savings Attributed to ODW -- Direct and Enabled

	Direct Impact in (000s)	Enabled by in (000s)	
eLearning	\$284,000	\$ 0	
IT: IBM Standard Software Installer, Virtual Help Desk	\$201,000	\$ 0	
IT: Asset Management Tool, Global Web Architecture	\$133,000	\$ 0	
Human Resources: On-line Expense System	\$ 35,826	\$ 0	
eCollaboration: Web Conferencing, Surveys	\$ 11,091	\$ 0	
Travel: On-line Travel	\$ 11,771	\$ 0	
Human Resources: Employee Self Service	\$ 4,022	\$243,950	
Corporate Communications: News, Licensing	\$ 3,000	\$ 0	
Mobile Workforce: Real Estate Savings	\$ 0	\$452,600	
Procurement: Employee Self Service	\$ 0	\$450,000	
Customer Relationship Management	\$ 0	\$164,100	
Total	\$ 683,710	\$1,310,650	





IBM On Demand Workplace: Manager Portal

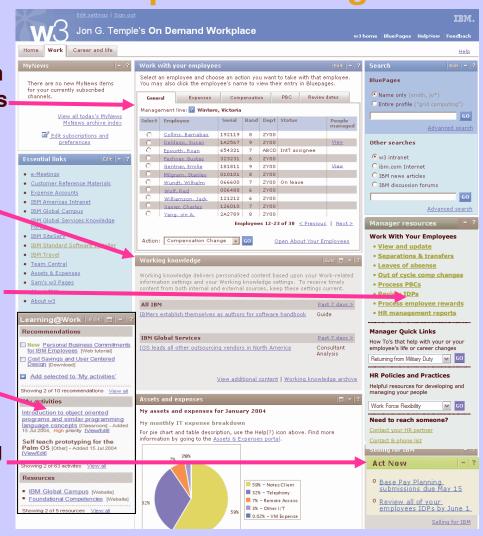
Seamless Work With Your Employee Tools

Personalized Manager Content

Manager Resources Portlet

Work-embedded Learning

ActNow Calendering Functions



Impact

(2006 - 2008)

- 12 hours annual time saving per manager
- \$571 annual savings per manager
- \$16M total savings for all Mgrs
- \$1.3M hard savings from website reductions

ODW Helps Make IBM the Employer of Choice

- Understanding IBM's business
- Greater work flexibility
- Innovative learning
- Better work life balance

Cost Savings

Corporate Integration

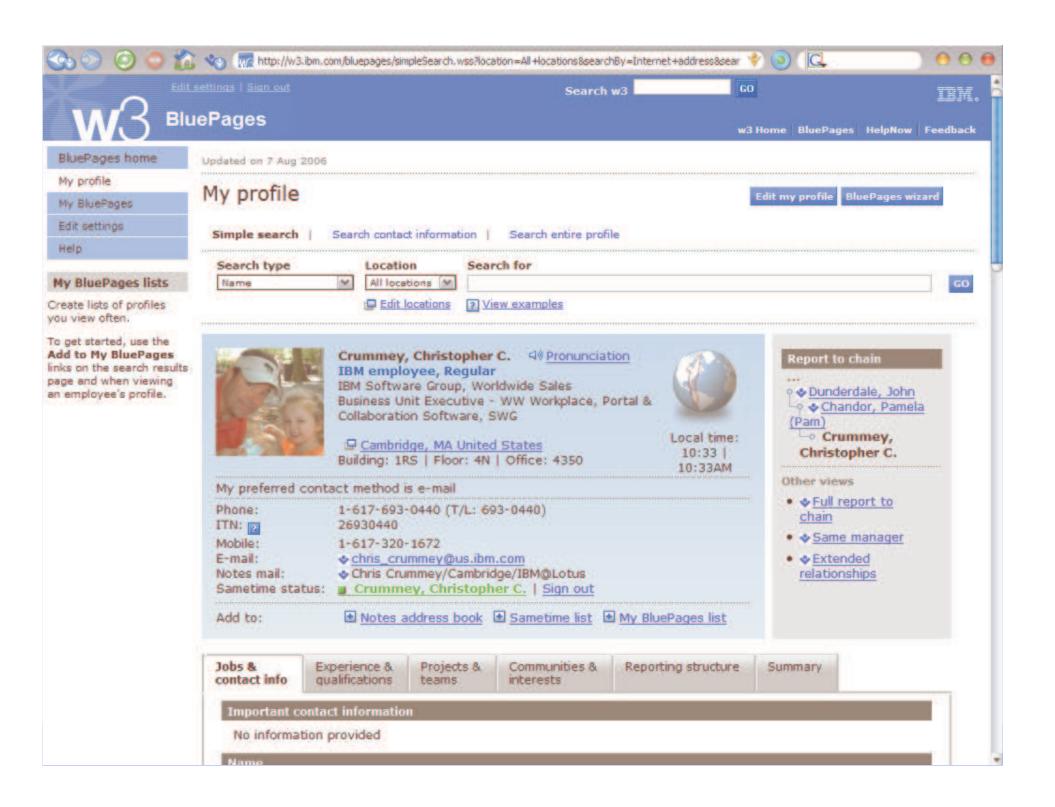
Operational Effectiveness

Aligning IT Investments

Connecting and Collaborating

- BluePages provides access to:
 - Contact, skills and experience information
 - Network and community affiliations
 - Instant message and email
 - Search for skills and individuals





ODW Improves the Effectiveness of Key Business Processes

- Cycle time savings
- Improved data accuracy
- Improved quality
- Faster merger integration

PwC Consulting integrated in less than 8 months

Realizing synergy of faster integrated sales and lower cost structure

Cost Savings

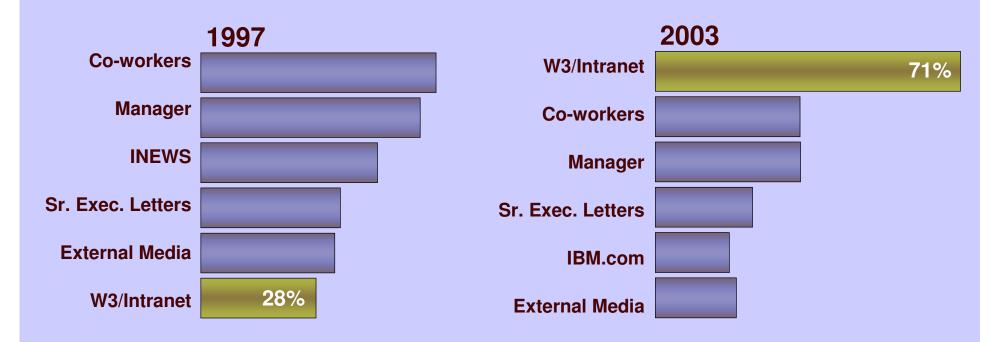
Corporate Integration

Operational Effectiveness

Aligning IT Investments

Align Strategy and Goals

What are the best, credible, and preferred Sources of Information?



Today more than 80% of IBM employees access On Demand Workplace daily

Enabling IBM's Sales Organization

- Single point of access for sales force enablement
- Ensures consistent brand image from IBM
- Delivers content and selling resources in context of IBM strategy



Seller's role based Workplace

- Access to cadence reports from Sales System
- Support with embedded learning
 - Context sensitive to task being performed or opportunity selected
- Access to Working Knowledge portlets
 - Internal/external papers, client cases, competitive reports based on individual's profile



ODW Helps Eliminate Web Chaos and Delivers Greater Value

- IT standards
- Infrastructure consolidation
- Skills consolidation
- Website reduction

\$294,000,000 savings from consolidation and standards

Cost Savings

Operational Effectiveness

Corporate Integration

Aligning IT Investments

W3 Operation Efficiency: Delivering Administrative Services and Strategic Processes 10 years ago

- -Hard cost savings
- -Cost avoidance through standardization
- -Headcount realignment
- -Productivity improvements

ClOs	128	1
Host Data Centers	155	10
Web Hosting Centers	80	7
Network	31	1
Applications	16,000	4,839

today

\$294M / Year in savings

The Value of On Demand Workplace Portal

- Shapes a unifying culture, aligning workforce with strategy
- Delivers enhanced employee services at lower cost
- Creates a dynamic platform for work that can respond rapidly to new marketplace realities and requirements

Cost Savings

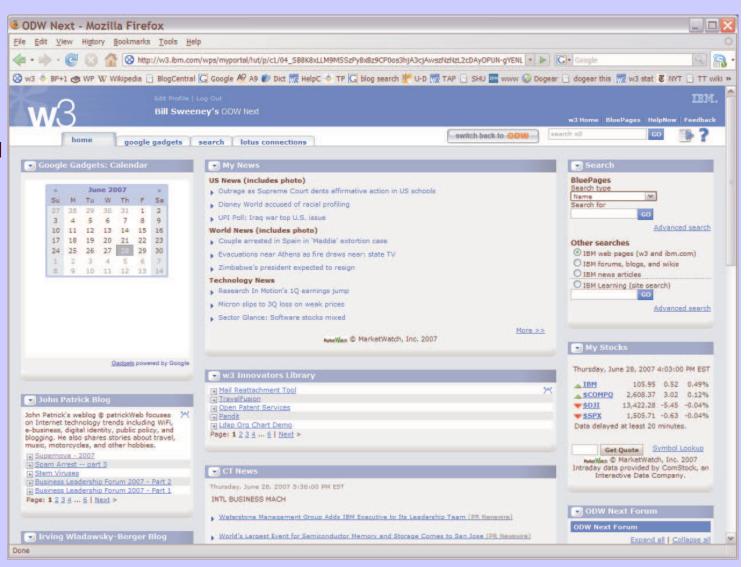
Corporate Integration

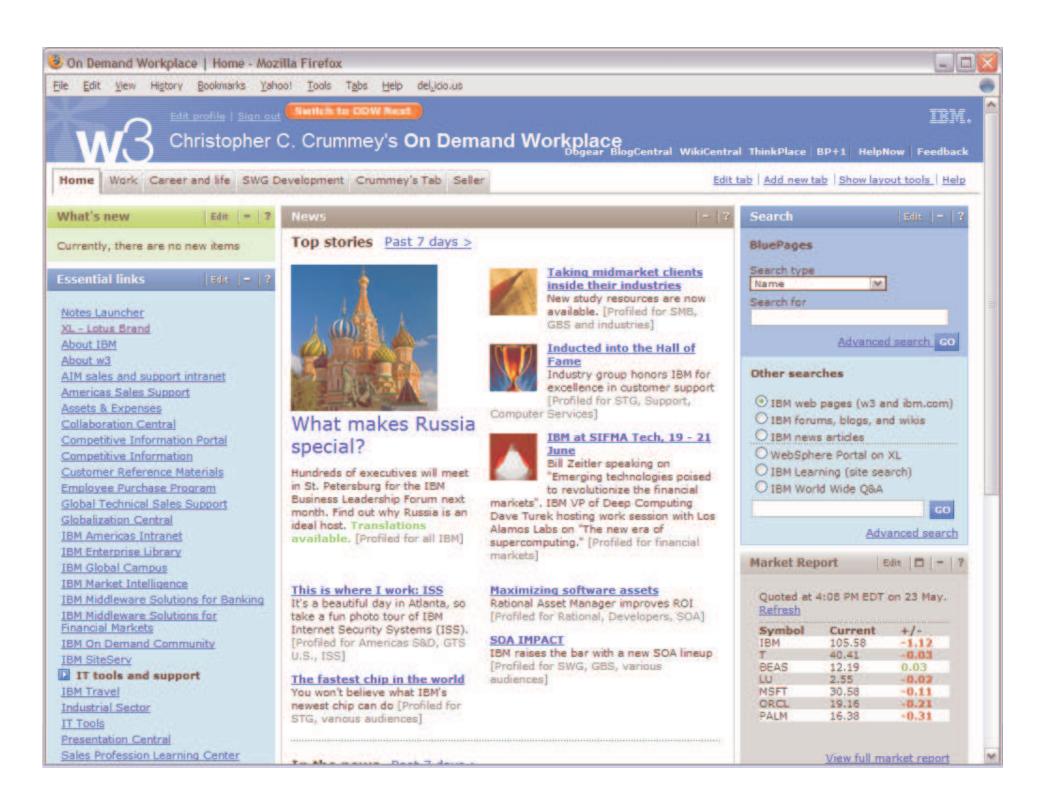
Operational Effectiveness

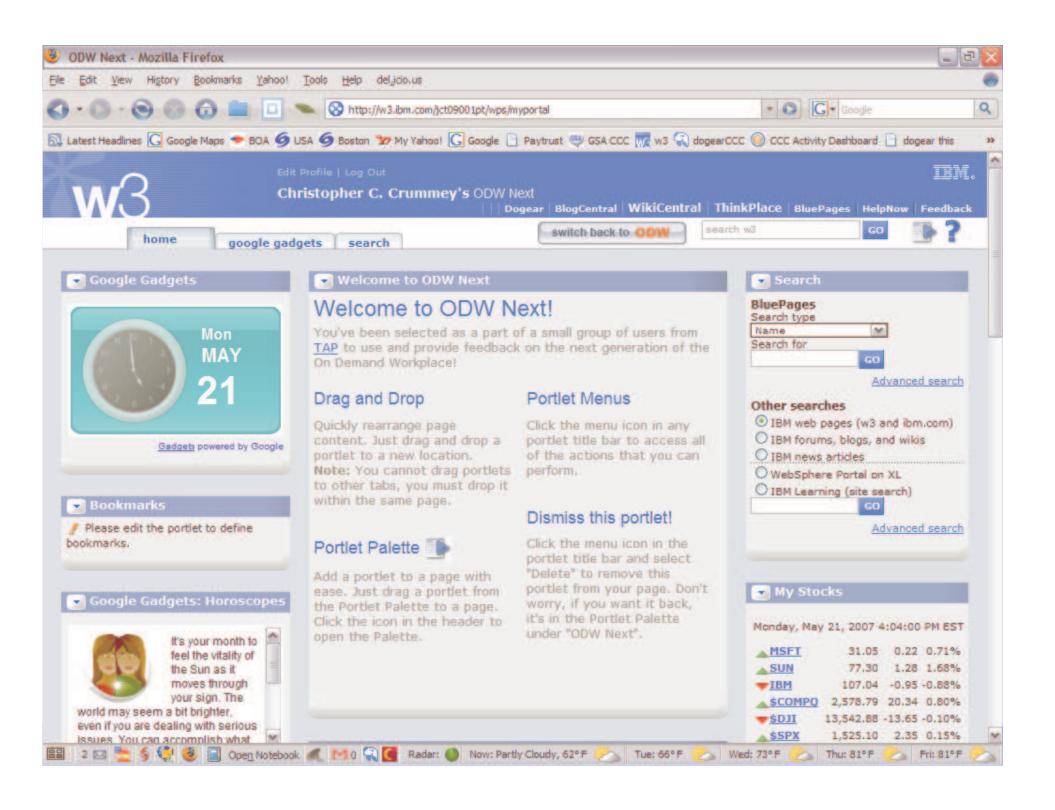
Aligning IT Investments

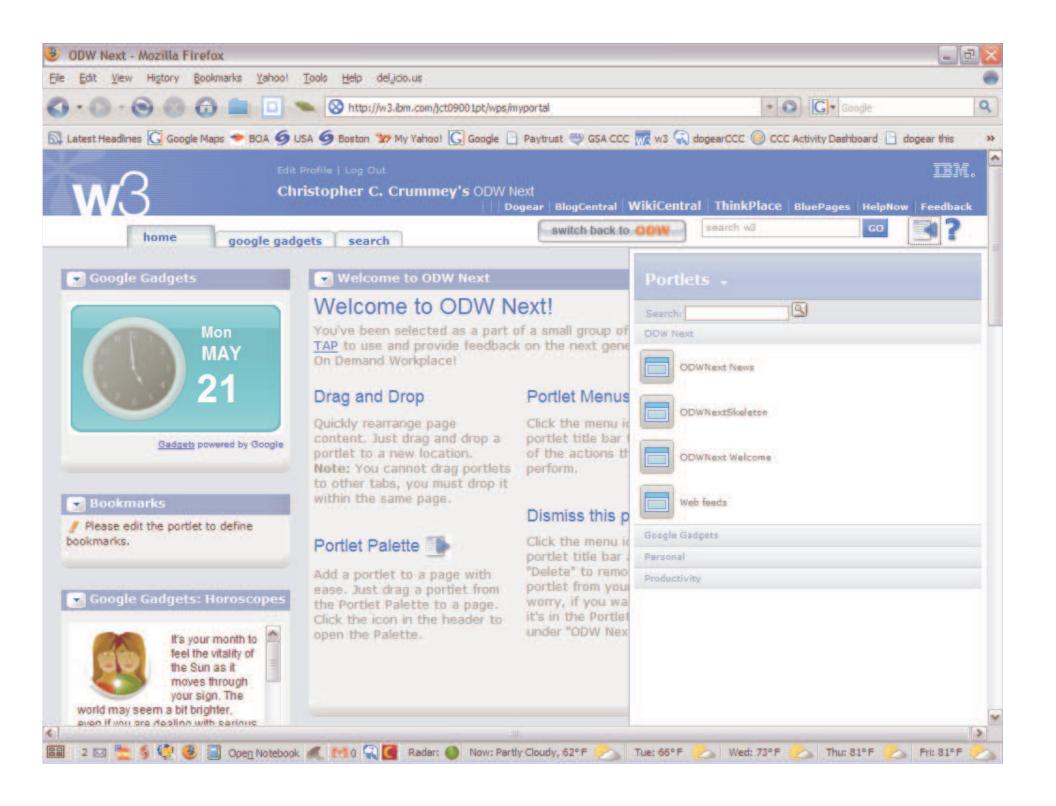
ODW Next

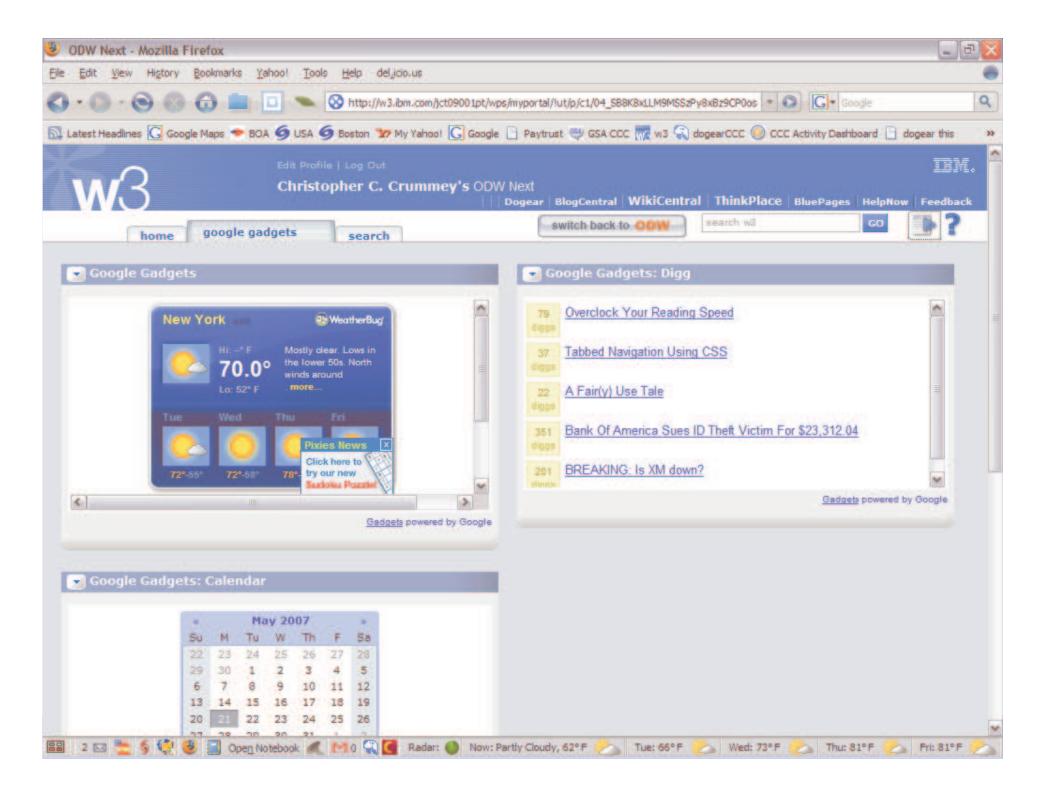
- Perpetual Beta
- Dynamic switching between ODW and ODW Next
- Enables integrated innovation
- Built on Portal 6
- Web 2.0
- Google Gadgets
- New model for self deployment
- Remote portlets











Why WebSphere Portal?

Broadest, most comprehensive vision

WebSphere Portal

- Proven Ability to execute on that Vision
- WebSphere Portal lowers development costs and improves time to market over "build it yourself" strategy (IDC Portal Buy v. Build, Dec 2007)
- Choice and Flexibility
 - Standards based implementation
 - Wide choice of WCM, document mgt, security, dev tools, etc
 - Worldwide Customer and Market experience
 - Translated and supported worldwide
- Portal Accelerators
 - Collection of line of business oriented solutions speed time to value
 - Intellectual Property from thousands of customer engagements help you solve your business needs faster
- We have the deepest and widest services capability ISSL, GBS/GTS, Partners of any portal vendor in the business.
 - This intellectual property cannot be matched.

BACKUP