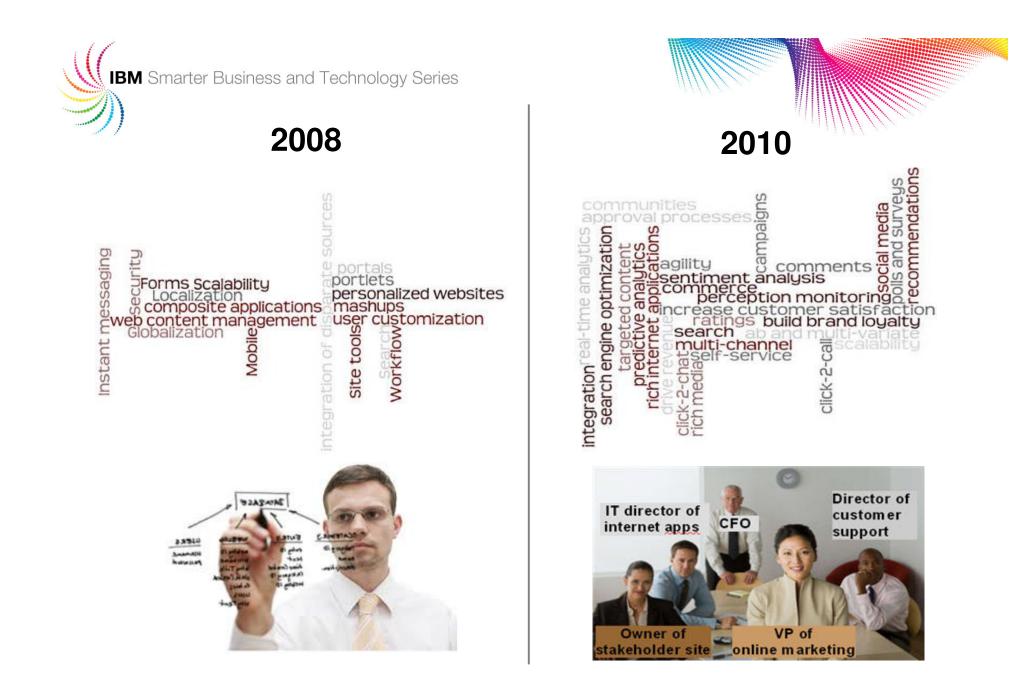
#### IBM Smarter Business and Technology Series A headstart for the next decade

25th of November, 2010 - One World Hotel, Kuala Lumpur

# Exceptional Web Experience - Connecting People and Information Together

John Mullins ASEAN Business Unit Executive Social & Portal Software IBM Software Group

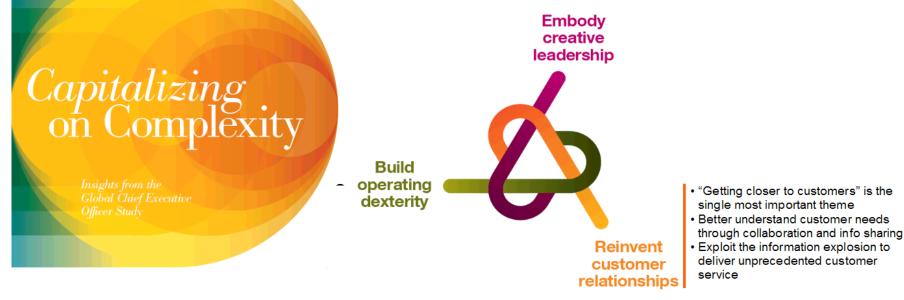






# 2010 IBM Global CEO Study

High-performing companies differentiate themselves in three ways...



### ...and from the analysts



"The User Experience Platform (UXP): the next big step in user interaction technologies and methodologies"

- Gene Phifer, Managing VP, Gartner

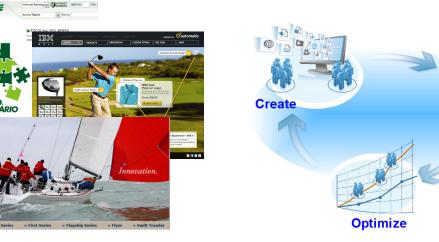


# An Exceptional Web Experience...

Generates strong customer & citizen affinity



Has a wow factor -memorable, compelling, moments of truth *Is adaptable to changing markets* 



All built on a technology foundation you can trust



Target

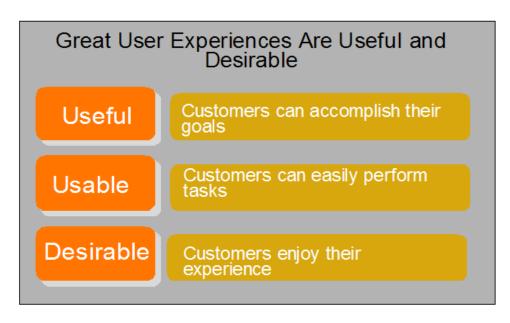
## **A** Better Web Experience = Better Business Experience

## **Exceptional Web Experiences can result in:**

.400% higher visit-to-lead conversion rate

.200% higher visit-to-order conversion rate

- .41% lower page abandonment rate
- **.16.6% more** recommendations by customers for your products and services
- **.15.8% fewer** customers lost to competitors
- **.14.1% repeat purchase** interest by customers



"Best Practices In User Experience (UX) Design", Forrester Research, Inc., September 2009.



# Introducing... IBM's vision for Exceptional Web Experience



## "IBM Project Northstar"

&...

## **IBM Customer Experience Suite**



The information on the new product is intended to outline our general product direction and it should not be relied on in making a purchasing decision. The information on the new product is for informational purposes only and may not be incorporated into any contract. The information on the new product is not a commitment, promise, or legal obligation to deliver any material, code or functionality. The development, release, and timing of any features or functionality described for our products remains at our sole discretion.



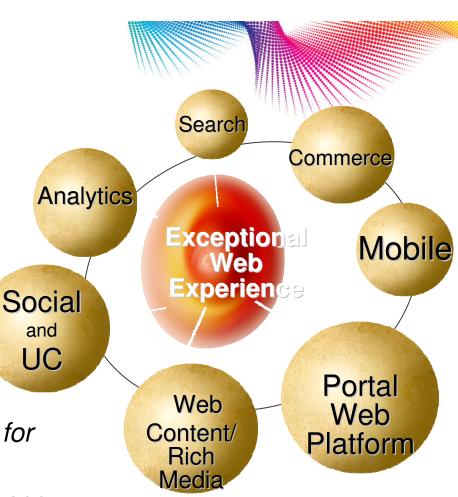


"IBM Project Northstar" IBM's vision for exceptional Web experiences

- Multi-year strategy to be the standard for customer-facing Web experiences
- Portfolio alignment for simplicity and ease
- . Guide for organic and inorganic investments
- Responsive to technology convergence and advances

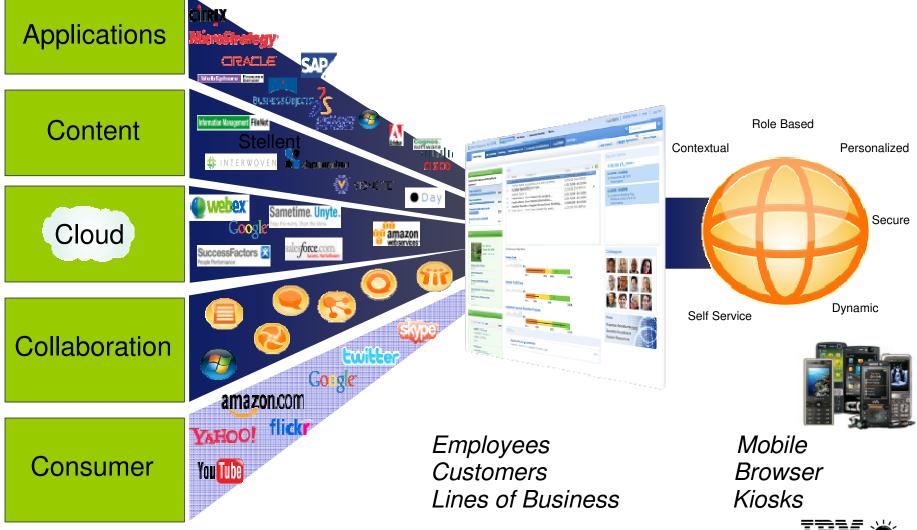
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## Integration Excellence / Secure multi-channel delivery

Seamlessly Combines Internal & External Applications/Services





#### **IBM's vision for Exception Web Experience** Reach











Applic ations

Processes 8 1

The information on the new product is intended to outline our general product direction and it should not be relied on in making a purchasing decision. The information on the new product is for informational purposes only and may not be incorporated into any contract. The information on the new product is not a commitment, promise, or legal obligation to deliver any material, code or functionality. The development, release, and timing of any features or functionality described for our products remains at our sole discretion.





## **IBM Customer Experience Suite** Exceptional Web Experiences

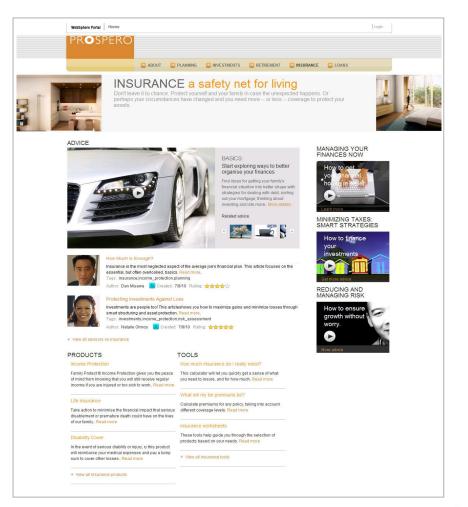
# Engaging

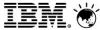
Personalized

## "Conversational"

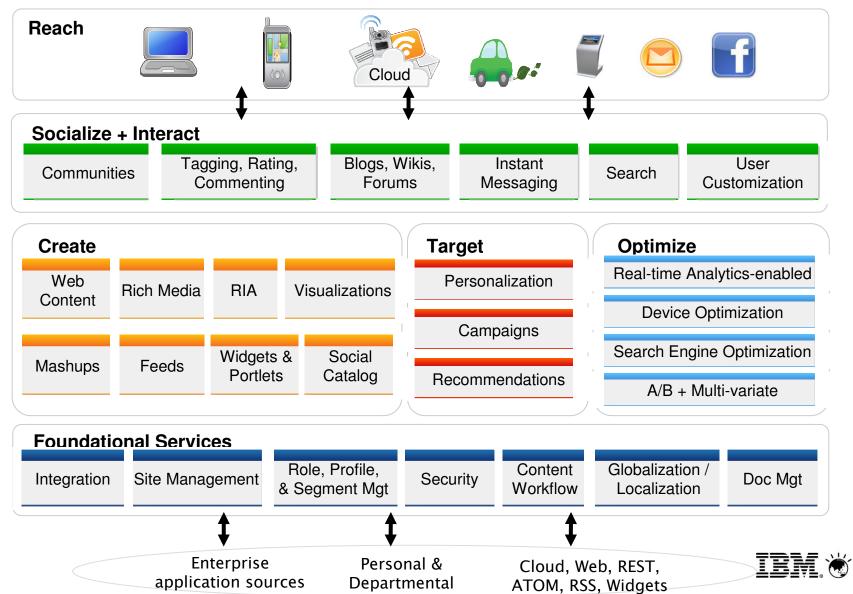
Everywhere

Empowering Integrated





## **IBM Customer Experience Suite**



## WebSphere Portal and Lotus Web Content Management V7.0 **Exceptional Web Experience Foundation**

Projects

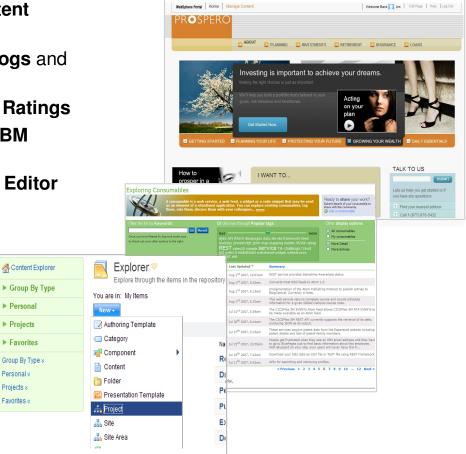
Personal »

Projects ×

Favorites ×

- Seamless convergence of Web Portal and Web content management
- Socially-Infused Web experiences with out-of-box Blogs and Wikis, Tagging
- Community content value measurement enabled by Ratings
- Ubiguitous Web experience development with new IBM **Universal Hub Integration** capability
- In-line business user content management via Rich Editor enhancements & Lotus® Symphony™ integration
- Enhanced Web analytics support for greater insight into user behavior
- Virtualization support increases deployment/costof-ownership flexibility
- Faster custom Web experience development with new WebSphere Portlet Factory V7.0







## Constituents & Employees Expect Modern Online Experiences:

Web 2.0 + Collaboration + Social Tools + Mobile

Active Tags

#### Instant Messaging 2010 analyst\_report Social Bookmarks 🔋 Frank Adams/defaultWIMFileBasedRealm [started:... 🗐 🗖 🔯 collaboration community See details low to make sawy business connections l Ing Shi Heather Reeds/def ... Frank, I like the new line of credit, we can nuary 19, 2009 Bookmarks for Curtis M. Ryan connections data domino definitely use it! awy Connections and Llow to keen Them" by Alex Kay was amazing By Curtis M, Rvan X with Tags: government X | Add to Watchlist? education ibm lotus inding inspiration for new sales techniques Sen details Add a Bookmark Notify Delete Selected More Actions -Displ January 19, 2000 mobile notes oracle You should read this link herel 1 2 3 4 5 .... 8 oss cop ovum portal Sort by: Date Popularity v my business with a podcast Sardner Raynes See details Select All D quickr rational sametime Type your text ary 10, 2009 WebSphere Portal Government Industry Initiative - XL Homepag sap swg websphere wiki okmarked by 11 others | Mar 12 2008 | Tags: g The Center for the Business of Government: Home Tagging bookmarked by 8 others | Sep 23 2009 | Tags: center, customer, gov Send Invite Others... Add Tools... Nose 😑 搣 Global Fiscal Stimulus and Economic Recovery - WikiCentral show details Blogs Vaiting for response. marked by 5 others | Jan 23 2009 | Tags: go Rating \*\*\*\* Popularity \*\*\* **New Business** Dashboards Personal Advisor Workshop Accesses 21 03 Feb 2008, Noon-5pm Click-to-call me! User Ratings Town Hall Commons Message me Get in contact with and find valuable business Want to meet? resources. Contact me » More Info Experts Education **Communities** Experts on this Topic Vijay Nehry 12 Sin Activities Blogs Communities Dogest Profile **Open Financial Network Recommends.** We need to add more recommendations Vijay Nehry ehrv@renovations.com Created By: Ling Shin | Updated: 12/16/2008 **Related Content** Customers loves the personalization! Б **Building the Best Team** Created By: Lucille Suarez | Updated: 12/16/2008 Pi 📾 Send Mall | More Actions + Published Mon Jan 08, 2008, 5:34PM More online resources needed Social Networking Featured Video Created By: Gardner Raynes | Updated: 12/16/2008 Credit as Easy as 123 One of my customers really likes the Community Published Mon Jan 08, 2008, 5:34Pt **OPEN FINANCIAL NETWORK** Created By: Ron Espinosa | Updated: 12/16/2008 Developing your Inner Entrepren FINANC Published Mon Jan 08, 2008, 5:34Pt We're recording more webcasts. Check out the ochodulo Personalized Created By: Ed El-Amon | Updated: 1/9/2008 OFN Technology helps you grow Video Published Mon Jan 08, 2008, 5:34P Content Try out the new community features Created By: Amar Srivastava | Updated: 1/18/200 **5 Steps to Success** Published Mon Jan 08, 2008, 5:34 © 2009

## **HSBC** – Global Customer Service

- running the brand on WebSphere Portal



HELP ME CHOOSE





- Personalized content based on account level and usage
- Regionalized content delivered to over 40 countries/languages
- Scalability to meet increased demand
   > 50K concurrent user capacity at one site alone
- Portal supports lines of business:
  - Personal Financial Services
  - Corporate Banking
  - Payments
  - Insurance
  - Premier
  - . Stock Trading



http://www.hsbc.com

#### HSBC PREMIER SERVICES

Premier is the personal banking sentce that we reserve for our best customers.

How she benefits from having a Premier Relationship Manager

Read Laura's story

Learn more

Apply for HSBC Premier ADD Become a Premier customer at no extra cost. You simply need to hold savings or investments of at least £80,000 (or equivalent) with HSBC Bank International

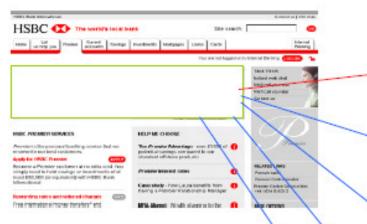
#### Rewarding rates and reduced charges ( Free international money transfers\* and

The Promier Advantage - over £1000 of 
potential savings compared to our
standard offshore products

Promier interest rates

#### Case study - how Laura benefits from having a Premier Relationship Manager

## HSBC: Crafting an Exceptional User Experience



#### Banners using customer data held in the back-end

Mr Bannister,

you can protect your family with our affordable term life plan > find out how



Under Pressure? With your own Relationship Manager,

sorting out your finances is fast and convenient. So you can make the most of your free time > Lean more

Mr Parsons, you're important to us so we'd like to offer you your own Relationship Manager

Learn more about Premier

#### Mr Hicks, if you upgrade to Premier

you'll benefit from the advice and insight of your own Relationship Manager

Learn more about Premier

#### Mr Hamilton, as one of our best customers are you making the most of the rewards available to you? Show me

Mr Fray, we're developing new online services exclusively for Premier customers, so we'd really appreciate your feedback > Go











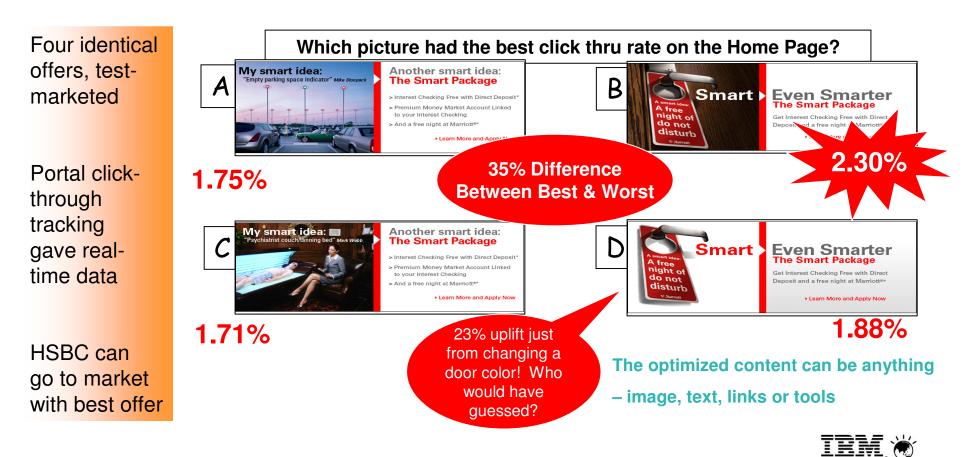


## HSBC – Targeted Selling

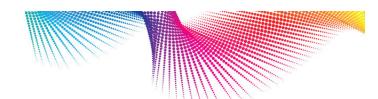
WebSphere Portal and Content Management allow marketers to create campaigns dynamically

- Ability to test-market campaigns before general availability
- Give customers an offer they want to see
- Increase upsell / cross-sell









## HSBC Hong Kong – Bringing Mobility to Banking

Hong Kong	C The world's local bank	Home Personal HSBC Pre	mier Commercial Corporate MPF Abou	t HSBC Careers Contact us
<ul> <li>Perso</li> <li>HSBC Pre</li> <li>Banking</li> <li>Investmer</li> <li>Cards</li> <li>Mortgage</li> </ul>	emier nts Enjoy a steady inco even after retireme		RetireEnrich Prote Successfully enroll to enjoy HK\$800 coupons	
	available at HSBC Hong Kong	*1	(5 votes, average: 5 out of 5)	
	Service Highlights Access your account details View up-to-date account balances View transaction history Though this mobile service does not provi is a step forward. It helps to check on the not. The service works pretty well with the testing) but it should work on new BlackBe	INSUE IN THE INFORMATION INFORMATICA INTO INFORMATICA INTINA INFORMATII INFORMATICA INTINA INFORMATICI	• The world's local bank s than just passive access it <u>oice</u> number #4711 already or rowser (which I used for	n Kong Eventson A Class Above
Mobile Website for HSBC	Commercial Banking: https://mobile.comm	ercial.hsbc.com.hk		

http://www.blackberryinsight.com/2008/11/24/mobile-business-banking-available-on-hsbc/



# Citizen Services 2.0": Centrelink delivers multi-channel government Human Services for the Australian Government



#### http://myaccount.centrelink.gov.au

					Department	t Human Services   australia.go
j's						yaccoun <sup>.</sup>
Home	Search					Help   Contact Us   A+
		myaccount is the secure entry poin Australian Government Department services are delivered. Use this single website to access i	of Human Senices manages myac	count to improve the way these	Search Sites	
		Centrelink	Andrefan Generated Child Sugart Agenty	medicare	Find your closest office	
		Itake colore claims     View your letters online     Report employment income     Itanage your Centrelink account	Letters online     Income estimate     Update care amangements	Update your details     Child Immunisation statement     Replacement Medicare card     Medicare Sately Net balance     Medicare tax statement	Locate	
		Your single logon If you already use online services p you can create a new single logon just once from myaccount to access	with myaccount and link it to your e	port Agency or Medicare Australia, osisting accounts. Then you can logon	Centrelink / Parmity Associance Rate Estimator Child support calculator (CSA)	
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			<ul> <li>Forgotten Password?</li> </ul>		Australian Hearing     Australian Tanaton Office     Controling	
		News and Announ © 01/07/2008 - Welfare fraud server			Child Support Agency     GRS Australia     Eamily Application Office	
		<ul> <li>01/07/2008 - Changes to family</li> <li>30/06/2008 - New site launched</li> </ul>			Health Services Australia     Medicare Australia	
		17/06/2008 - Is Australia Lister	ing? Attitudes to hearing loss			

http://myaccount.humanservices.gov.au

- ➢ 6.5 million customers (1/3 of Australian population)
- Administers more than 140 different products and services for 25 government agencies
- > 14+ million online transactions in 2008

#### **Customer Portal**

- Access to 40+ Services, Advanced Search Engine
- Single Sign-On, Web Content Mgmt, Personalization, News, Re-use of SOA Applications/Services,

#### **Department of Human Services Portal**

• Federated Identity Mgmt, Centrelink Services, Medicare Services, CSA Services, Aggregated News via RSS

#### **National Emergency Call Centre Portal**

• Process-centric, Authenticated, AJAX Compliant, Rich Functionality. Performance, Scalability, Single Sign-On

#### **Business Services / Partner B2B Portal**

#### **Staff Portal**

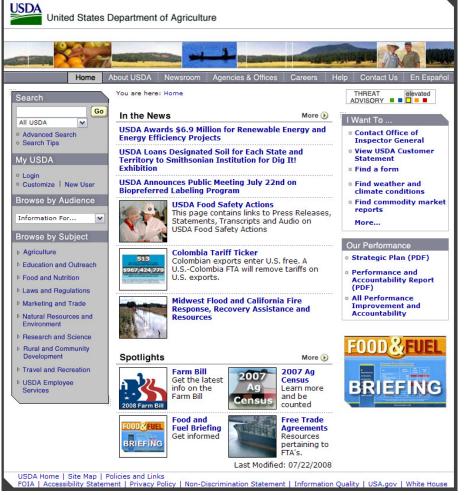
- Employee Services Portal + Social Software
- Task Management / Business Process Management



## "Efficiency 2.0" High volume efficient government services: United States Department of Agriculture (USDA)

Not just "a portal", but a reusable strategic government infrastructure...

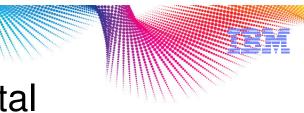
•



- Offers over 550 online services While the site contains a massive amount of information and services, it is well organized and provides a number of features designed to help people find what they are looking for.
  - Finding forms and information is simple by using the "I want to..." box, and the site is customizable by registering with MyUSDA.
  - "Information For..." menu organizes information based on the user. Users can access image and video libraries, radio broadcasts and transcripts of speeches, and the site can be translated into Spanish.
- USDA's NITC (National IT Center) currently hosts 3 Portals on Linux operating system :
  - USDA.gov: 3-5 Million hits a day. Spikes to 95-100 million hits a day during scares such as mad cow and e-coli tomatoes
  - Forest Service Intranet: Portal for 38,000 employees. 1,000-2,500 concurrent users with 300-500k hits per day.
  - Forest Service Internet: 8,500 concurrent users

http://www.usda.gov



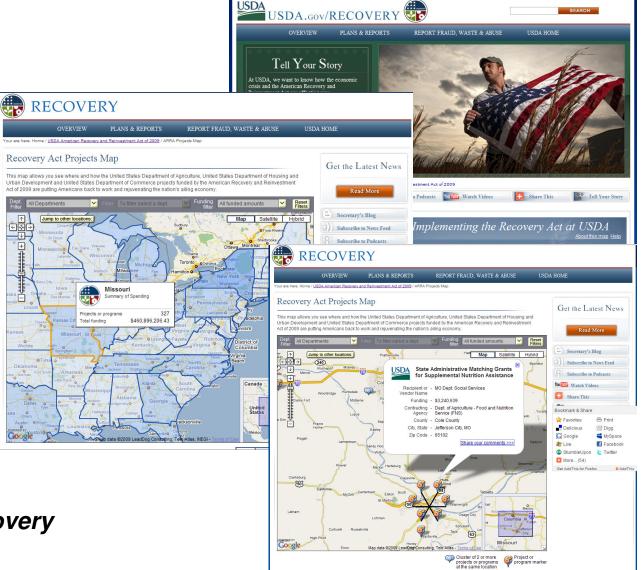


## **USDA Recovery Act Portal**

- •WebSphere Portal based site launched quickly to provide transparency and communication for ARRA recovery efforts from multiple agencies
- -USDA
- -Dept of Housing and Urban Development
- -Dept of Commerce

•Provides Web2.0 style features of user contributions, news feeds, interactive mashups and modern user experience

### http://www.usda.gov/recovery



### Exceptional Web experience, exceptional business results Grow revenue \$

HSBC 35% improvement in marketing campaign revenue and increased The world's local bank customer loyalty



ReliAnce

Anil Dhirubhai Ambani Group

business premiums

100 percent increase in new

First year sales revenue increased by 18 percent

#### DHILIDS



Supporting highly targeted online advertising and laying a foundation for a new revenue stream and business model

Selling more insurance – accelerated new business application process from weeks to hours. 30% reduction in call center field support calls

WOODMEN

More than 7,000 new customers signed - first year sales revenue increased by 18 percent up for online service within two months

miamidade.g Increased revenue via Portal = US \$4 Million



Handling hyper-growth like clockwork, from 6 million subscribers in 2004 to **110 million subscribers** January 2010



## Exceptional Web Experiences One Platform

Many Different Business Needs

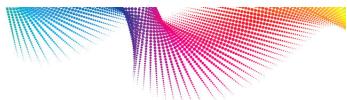


Prudential 6 Financial

WebSphere<sup>®</sup>

Portal





## WebSphere Portal...

A strategic product for your strategic applications

Over 300 million named users in our top 15 customers alone!!

1 in 6 people worldwide with internet access is a named user in a WebSphere Portal application







**IBM WebSphere Portal** 

## 10 out of the top 10 global banks

"According to IDC, IBM leads the EPS market for the sixth consecutive year in 2007."

> IDC: "Worldwide Enterprise Portal Software 2008-2012
>  Forecast Update and 2007 Vendor Shares: A New Landscape", Doc #213165 July 2008

8 out of the top 10 worldwide retailers

"Gartner, Inc. has ranked IBM as the worldwide market share leader in Portal software based on revenues from 2002 through 2007."

> — Gartner Inc. "Market Share: Application Infrastructure and Middleware Software, Worldwide, 2007" by Fabrizio Biscotti, Terese Jones, Asheesh Raini and Joanne Correla June 4, 2008

9 out of the top 10 European banks 4 out of the top 5 US health insurance companies

#



30 hospitals, clinics and health delivery networks worldwide

### Portal Market Presence

Horizontal Portal Magic Quadrant, 2009\* leader for 8 consecutive years!

Figure 1. Magic Quadrant for Horizontal Portal Products



As of September 2009

Source: Gartner (September 2009)

\*Magic Quadrant for Horizontal Portal Products, 2009 Gartner: September 17, 2009 by David Gootzit, Gene Phifer, Ray Valdes

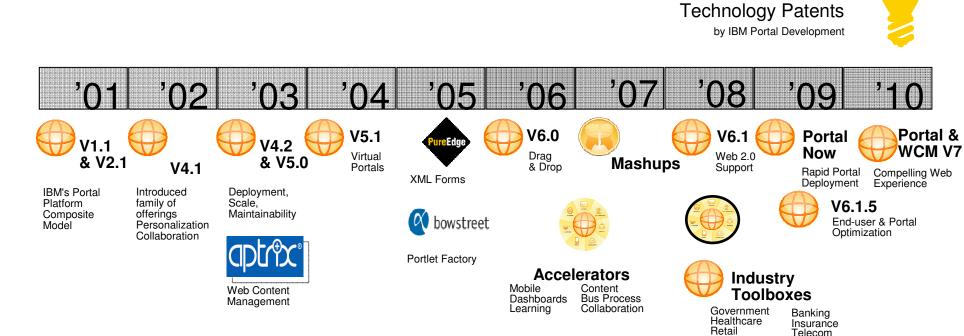
#### **Over 40 U.S. Federal Agencies**



**Every G8 Country** 



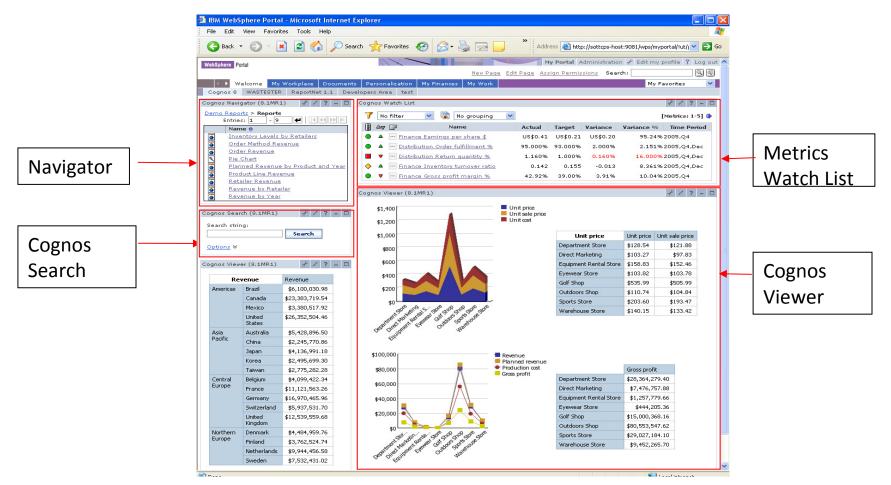
## IBM WebSphere® Portal Ready for the Next 10 Years





100+ Worldwide

## **Cognos WSRP Portlets for WebSphere Portal**

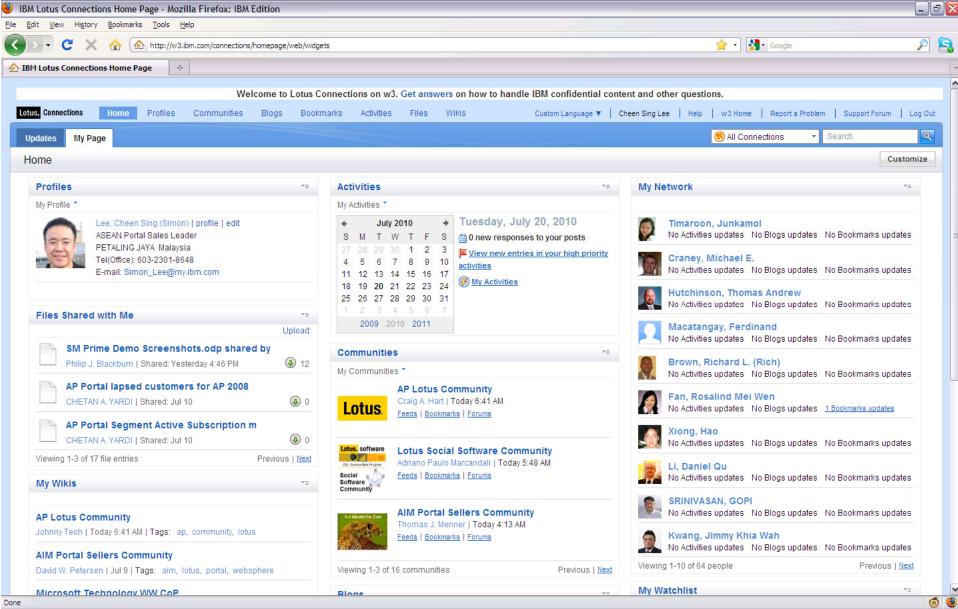


#### Find Cognos Portlets in the WebSphere Portal Solutions Catalog

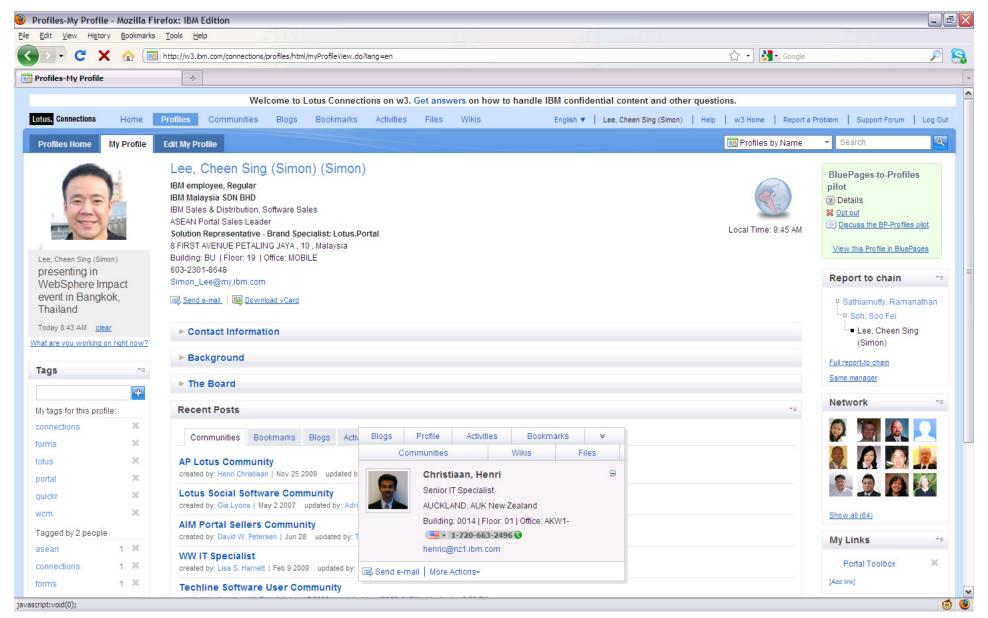
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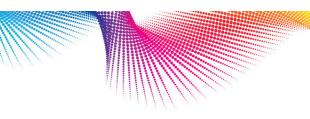


## Lotus Connections



## Lotus Connections





## **Lotus Connections**

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is. Connections Home	Profiles Communities Blogs Bookmarks Activities Files Wikis English ▼   Lee, Cheen Sing (Simon)   Help   w3 Home   Repor	t a Problem   Support Forum   Log (
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WebSphere Portal Trends



Core Integration Platform

#### **Platform Excellence**

2000 to Present:

- Platform vs pure play battles
- · Build Portal Applications
- Market consolidated to the largest platform players



**9** 

Accelerator Suites of Functionality to Match Customers Needs

#### **Suite Excellence**

2006 to Present

- Suites by big players
- . Build Suite Composite Apps
- . Integration of Components
- More Consolidation ROI, Business Impact focus



Industry and LOB templates, assets, and best practices to maximize "Out of Box" value

#### "Out of Box" Excellence

2009 into Future

- Out of box value from Suites
- Customized Templates
- Deployment Flexibility
   Click To Cloud, Host-SaaS
- · Agile, Business user directed





## IBM Accelerators for WebSphere Portal

Content





## IBM Content Accelerator ..content is still king



- Ephox® Rich Text Editor seamlessly embedded
- ECM Integration leverages existing content
- Blog & Wiki Templates speed delivery social tools
  - Web Content Integrator expands spectrum of content sources
  - WebDAV expands authoring & management community
- WCM (JSR 286) Rendering Portlet enhanced for improved content display in WebSphere Portal
- **IBM WebSphere Portal Content Templates Catalog** provides a quick start for using WCM to build up your own web site
- **Syndication Reporting & Site Analytics** *improvements help optimize user experiences, identify issues and reduce costs*

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## IBM Web Content Management 2010 sites







Australian Open, Jan 18-31 Olympics, Feb 12-28 Master's Golf, Apr 5-11 French Open, May 24 - June 6 Tony Awards, June 13 Wimbledon, June 21 – July 4 US Open Tennis, Aug 30 – Sept 12

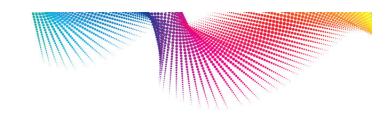




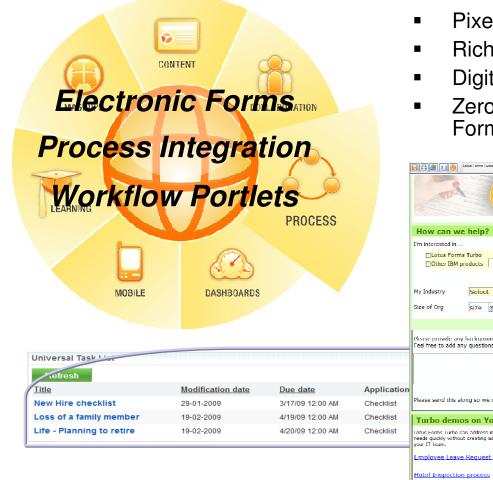








## **IBM Business Process Accelerator**



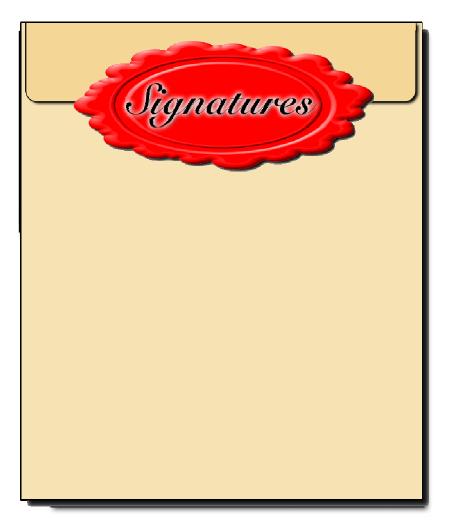
## ..forms start many processes

- Pixel-perfect eForms
- Rich sample forms catalog
- Digital signatures
- Zero footprint Web 2.0 solution Lotus Forms Turbo

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## Intelligent XML documents for data collection



#### **Presentation Layer**

- Multipage precision layout
- Wizard driven interaction (Guided-interview)
- Localized Data Formatting, Accessibility

#### **Dynamic Behaviors/Process Logic**

- Capture interactional rules in the form
- Hybrid event-driven script/declarative model
- Based on standard W3C XForms specification

#### **Data Instances**

- Multiple XML payloads for integration
- Validate against external XML Schemas
- SOA Enrichment via Web Services

#### **File Attachments**

- Attachment folder system within form
- Office documents, images, videos, etc.

#### **Digital Signatures**

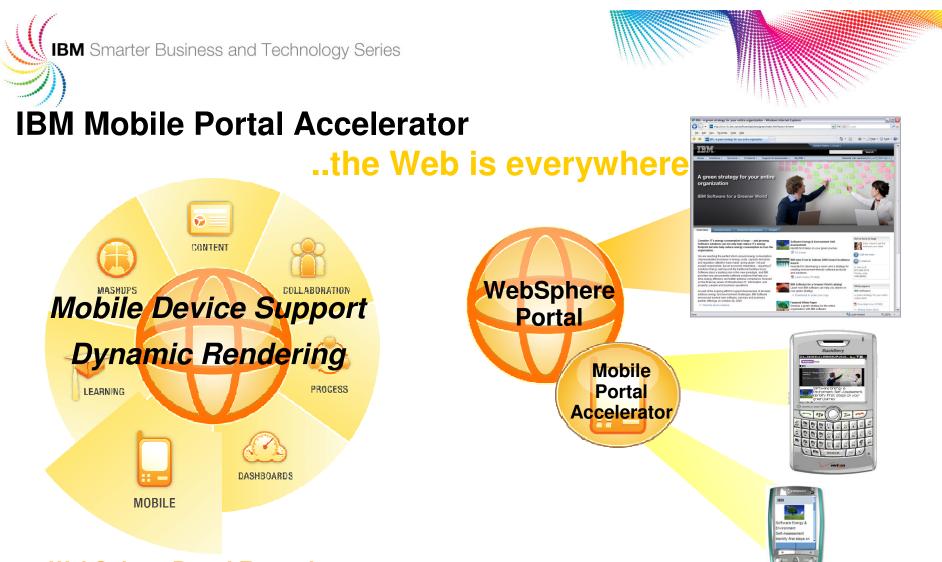
- Protect the complete transaction
- Multiple, overlapping sections or whole form

## **IBM Collaboration Accelerator**



- ...people need other people
- Seamless Web 2.0 social & collaboration capabilities
- Lotus Connections, Lotus Quickr & Lotus Sametime integration/Portlets



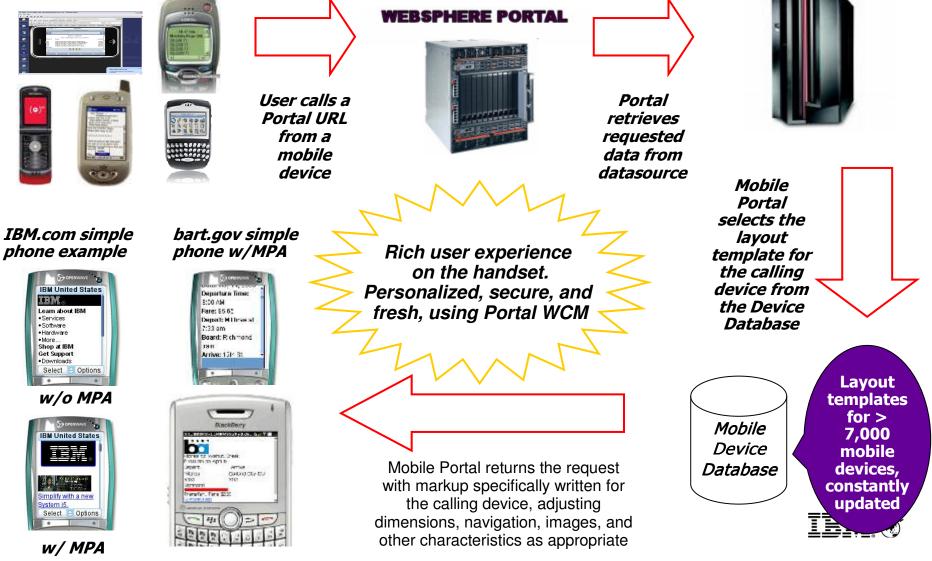


- WebSphere Portal Extension that extends portal navigation to mobile devices
- Mobile Portal Toolkit eases development of device-independent portlets
- Mobile Device Update Service simplifies process of supporting growing market of mobile web devices



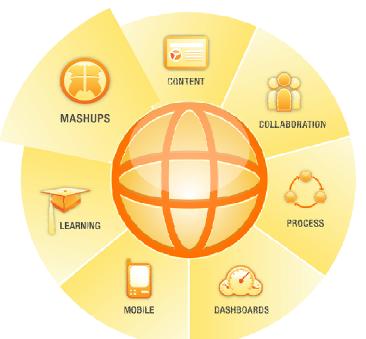
Extend the user experience to ANY mobile handset, providing competitive

advantage and increased revenue opportunities.



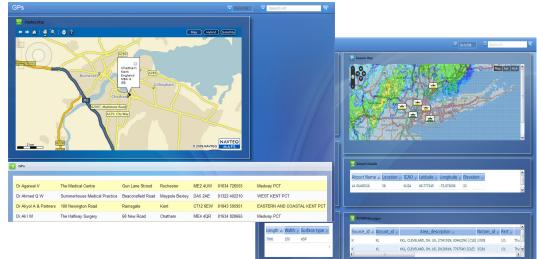
## IBM Mashup Accelerator

## rator ...information needs change



Business User Mashup Creation iWidget Development

- Assemble mashups in minutes in WebSphere Portal
- Unlock desktop, departmental, enterprise and web sources into easily accessible feeds
- Search and discover feeds, widgets, mashups from inside WebSphere Portal
- Enterprise Security and Feed Control for IT Governance and Management





## IBM Dashboard Accelerator

Helps organizations **reach performance data wherever it resides**, delivering it as **real-time key performance indicators** via **personalized**, **portal-based dashboards**. It also provides alerts and tools to help users take action at the greatest point of impact - before issues become critical.

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



DB2

Domino



## Introducing IBM Industry Toolboxes for WebSphere Portal

Application Briefs

describing solution scenarios.

Business Value Guides

describing the value enabled by the WebSphere Portal and Accelerators, and help illustrate best-practice process and information flow.

#### Templates

which can be used on top of WebSphere Portal to help jumpstart design and assembly of end solutions.

#### Demonstrations

and recordings of example solutions design that illustrate how end solutions can look like.

#### Other Code Assets

include sample Forms, Dashboards, or other Portlets which can help expedite the assembly of a solution.



### www.ibm.com/websphere/portal/industry

















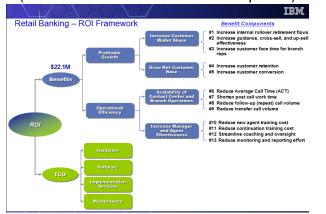
## Industry Toolboxes Help Answer...

#### "How does this help my business?"

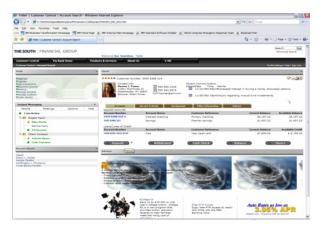
(Value Alignment / Positioning)



#### "What is the ROI" (Customizable Cost/Benefit Templates)



#### "What does done look like?" (Customizable Use Case Demos – DITL)



#### "How can IBM help us build a value case"

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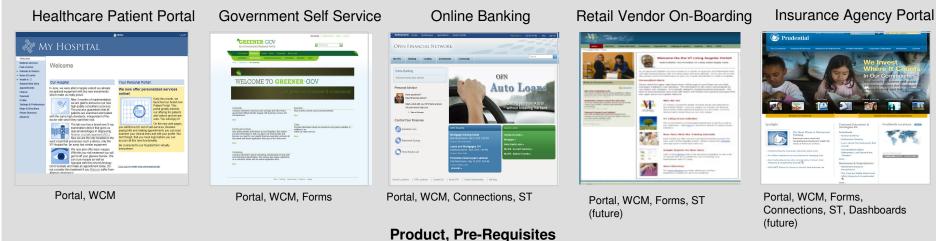
## Jump-Start Templates Speed Time to Value

#### Extensible, Configurable Software Templates

- -Software to accelerate solution construction for specific business needs
- Prebuilt Portal sites, structure, and collaboration components commonly used in a target industry
- -Code that customers or partners can easily modify and customize
- Built-in Best Practices

•

- -To help IT speed deployment and reduce the cost of portal-based business solutions
- -Solve recurring user needs in a best practice way
- -Showcase for successful interaction patterns spanning the Lotus collaboration portfolio



"We see the IBM solution as more than just a oneoff project. It's a platform for change that is transforming our company from the inside out."

Geoff Pearce Store Systems Applications Manager The Reject Shop

## Examples

