

## IBM PORTAL EXCELLENCE CONFERENCE 2009



# Delivering Highly Effective Results and Building for the Future: Part I Joe Preston





### Agenda

- Why WebSphere Portal Has Aligned Around Industries
- What it Means for our Customers and Partners
- What We are Providing
  - Information-Rich Websites
  - Tools and Templates
  - Componentry
- Industry Drivers and Customer Examples
  - Banking
  - Government
  - Higher Education





## WebSphere Portal... A strategic product for your strategic applications

Thousands of customers with intranets,
B2B apps,
and customer-facing internet apps

Smallest customer has 11 employees, largest customer has 1M+ employees



#1 market share for 8 years running

Globally...
9 of top 10 banks
8 of top 10 retailers
12 of the largest telcos
50 major health providers
700 gov'ts + every G8 nation

Over 300 million named users –
1 in 6 people worldwide with internet access is a named user in a WebSphere Portal application

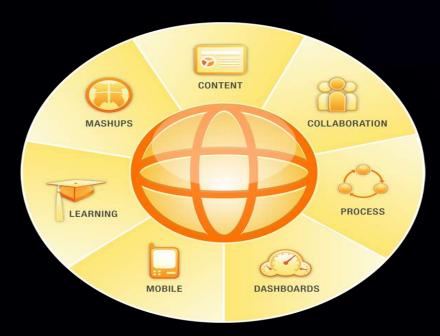


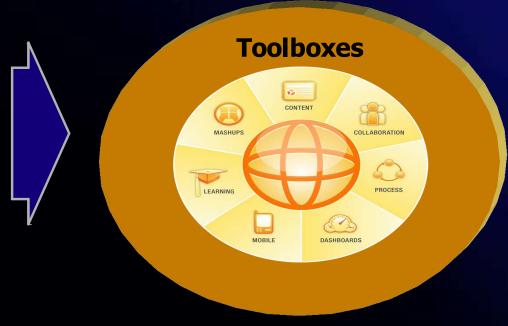


#### **Portal Trends**









Core Integration Platform

Accelerator Suites of Functionality to Match Customers Needs

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

#### **Platform Excellence**

2000 to Present:
Platform for Standards and Governance
Build Portal Applications
Market consolidated to the largest
platform players

#### **Suite Excellence**

2006 to Present
Suites by big players
Build Suite Composite Apps
Integration of Components
More Consolidation – ie WCM
ROI, Business Impact focus

#### "Out of Box" Excellence

2009 into Future
Out of box value from Suites
Customized Template Apps Deployment Flexibility
- Click To Cloud, Host-SaaS
Agile, ie Business user directed





#### Why Focus on Industries?

#### Partnering with Customers to Solve Problems

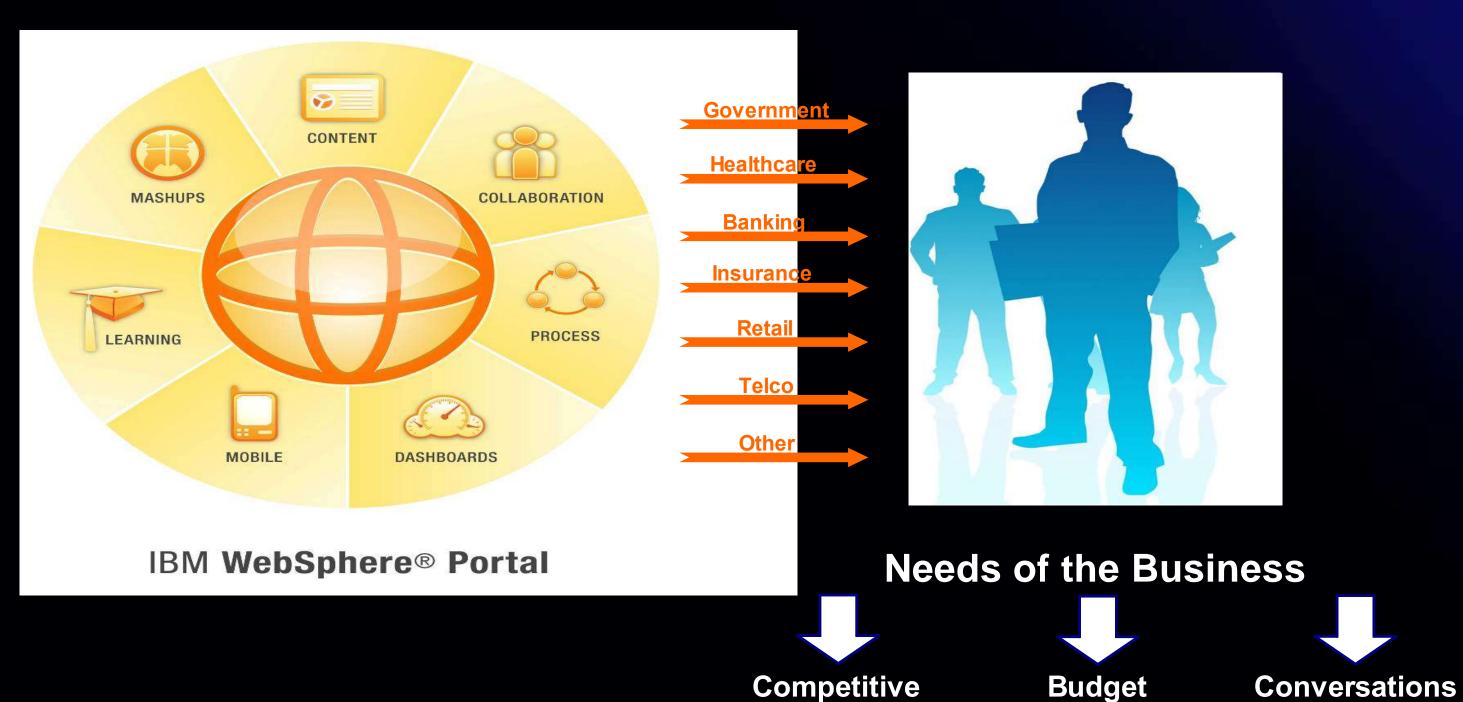
- Identify real problems and evolving needs
- Understand the most important business initiatives and challenges
- Grow insight into the most relevant solutions for an industry
- Shift conversation away from technology to a broader, more relevant vision of industry trends and specific needs

"What we didn't want to do — as we had seen some other vendors do — is paint this marvelous scenario where advanced technology solves all the problems. We didn't feel like that showed much depth of thought." Jim Adams, Executive Director of IBM Center for Healthcare Management





### Industry Emphasis for WebSphere Portal



advantage

0

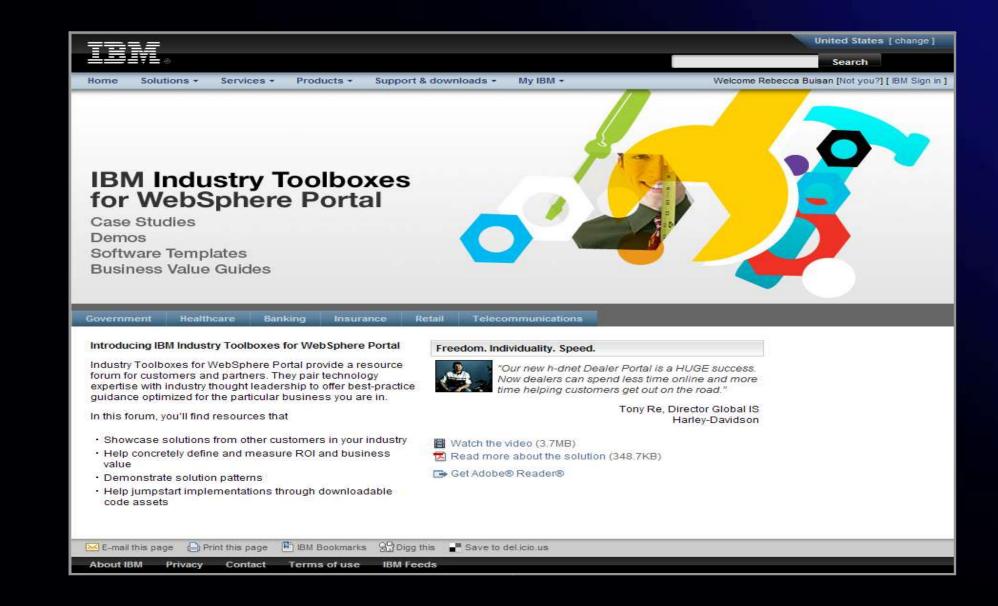
with Sponsors

justification



#### Introducing 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...**

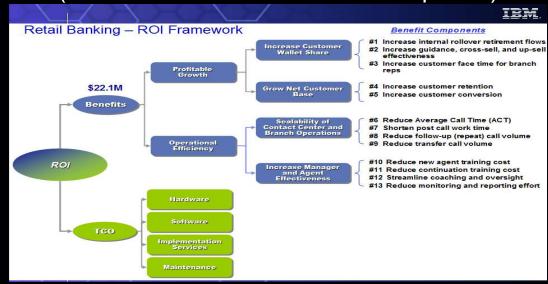
#### "How does this help my business?"

(Value Alignment / Positioning)



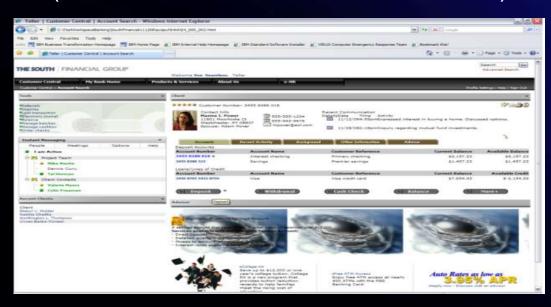
#### "What is the ROI"

(Customizable Cost/Benefit Templates)

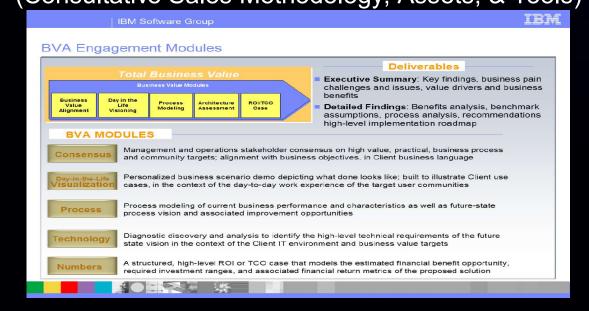


#### "What does done look like?"

(Customizable Use Case Demos – DITL)



## "How can IBM assist us build a value case" (Consultative Sales Methodology, Assets, & Tools)







## Government Industry Toolbox for WebSphere Portal

#### **Solution Areas**

- Government to Citizen
- Government to Business
- Public Safety
- Tax Collection and Filing
- Social Services
- Government Intranets



#### Resources

- Application Briefs
  Government to Constituents, Incident Management, Social Services
- Business Value GuidesDay in the Life click-thru demo
- Demo Assets
  Tax solution with DB2 PureXML and Lotus Forms, Green
  County
- Case Studies
  Vic Roads, Centrelink, Washington County, NYPD, Nova
  Scotia Land Registry, City of Dortmund, Australian Social
  Security



#### **Government Solution Areas**

#### Government-to-Citizen

Helping governments more efficiently interact and share information with citizens

#### Government to Business

 Helping streamline costs, process tax, licenses, permits. Provide a platform to interact with stimulus efforts and provide transparency

#### Public Safety

 Helping those responsible for the safety and security of citizens to collaborate across agencies and with the public to effectively respond.

#### Tax Collection and Filing

 Gain efficiencies on how your government collects taxes. Close loop holes to maximize revenues, and enable rapid response to changing legislative requirements

#### Social Services

Smart Work

 Provide constituents with fast easy access to the critical services. Ensure that those that apply for services are truly qualified and that government resources are being used to help those truly in need.

#### Government Intranets

 Help Government workers stay informed and provide them with the tools they need to perform their duties in a more informed and efficient manner. Enable civil servants to deliver effective services.

#### Transportation Agency Delivers Real-time Updates over the Web

Technicka sprava komunikaci (TSK), the roads and infrastructure management service for Prague in the Czech Republic, needed a costeffective way to deliver transportation updates to citizens, tourists and business constituents. Using IBM WebSphere Portal and Web Content Management software, the agency created a dynamic information portal. Prebuilt templates enable easy deployment and update.





#### Resources

- Application Briefs
  Portal solutions for retail banks,
  Streamlining account opening
- Software Assets
   Loan application forms, banking dashboard KPIs
- Demos
   Loan origination, online banking, bank branch teller, mortgage processing
- Case Studies
  Fifth Third Bank, HSBC, Navy FCU, Raiffeisen, SORAM

## Banking Industry Toolbox for WebSphere Portal

**Solution Areas** 

Customer Care and Insight

Multi-Channel Transformation

Payments



#### **Banking Solution Areas**

- Customer Care and Insight
- Banking front-office solutions can help you maximize the value of face-to-face and self-service collaboration with your customers
- Multi-Channel Banking
- Provide a consistent and exceptional user experience across all touch points with the customer, whether bricks and mortar branch, ATM, Web, or mobile device
- Payments
- Tools to facilitate commercial bank payment transactions.
- Integrated Risk Management (coming soon)

Using WebSphere Portal as an integrated, secure platform for providing role-based access to risk management information (dashboards, content, alerts, etc) and other services



"Our long-term relationship with IBM and HostBridge has enabled us to move our application development forward to provide Web-based applications that support our employees, who in turn services our members.... it's been a quantum leap for us."

Phil Arsenault, VP Tech Services

Navy Federal Credit Union





## Healthcare Industry Toolbox for WebSphere Portal

#### **Solution Areas**

- Healthcare Providers
  - Patient Portals
- Clinical Portals
- Patient Management Portals
- Employee or Intranet Portals

Heath Insurance Plans



#### Resources

- Application Briefs
  Calculating the ROI of a Patient Portal
- Business Value Guides
  Physician and Clinician Aligned Clinical Environment
- Software Asset
   Patient Portal Software and Wiki
- Case Studies
   Duke University, Healthways, Memorial Health,
   Medstar, Trillium







#### Resources

- Business Value Guides
  Value Impact Profile for Insurance,
  ROI Model
- Software Assets
   Sample forms for ACORD, Claims Processing Dashboard, mobile insurance claims
- DemosAgent Portal, Claims processing
- Case Studies
  ACORD, Reliance Life, Prudential Woodmen of the World, Aviva, Royal Auto Club of Victoria

## Insurance Industry Toolbox for WebSphere Portal

**Solution Areas** 

Insurance Agent / Producer Portal

Multi-Channel Insurance Sales Delivery

Insurance Self Service

Standards-Based Process Improvement





#### **Insurance Solution Areas**



"There was ample scope for us to be more proactive in the way we serviced our clients. Plus, growing profit in a mature business such as insurance requires reducing costs."

David Kennington VP of Information Systems, Prudential

#### Insurance Agent / Producer Portal

Provides a place where agents – whether independent or captive – can get the latest product information, can help quickly create quotes under multiple coverage scenarios and can help them communicate and collaborate with customers, underwriters, claims processors and others.

#### Multi-Channel Insurance Sales Delivery

 Traditional agent sales channels do not meet the needs of many new and younger insurance customers. These customers are requiring sales information in a variety of new channels such as mobile devices, web sites and kiosks. These tools help businesses provide information regardless of the interface a customer chooses.

#### Insurance Customer Self-Service

 Increasingly customers are expecting that they should be able to initiate and in some cases manage the entire activity themselves – whether starting a claim or requesting a quote. These tools provide customers with the ability to initiate or process common activities themselves, without needing a call center or branch office.

#### Standards-Based Process Improvement

 The Insurance industry has adopted ACORD's standardized forms, resulting in streamlined workflows that reduce redundant processing and improve efficiency. ACORD forms meet compliance requirements in all states and jurisdictions wher they are used, and are filed with regulators on behalf of ACORD members. ACO eForms are powered by Lotus Forms.



## Retail Industry Toolbox

### for WebSphere Portal

#### **Solution Areas**

- Vendor Management Portals
- Store Operations Portals
- Franchise / Dealer Portals

Retail Workforce Management



#### Resources

- Application Briefs
  Building a customer-centric business through information and collaboration
- Business Value Guides
  Boosting store efficiency
- Software Assets
   Vendor on boarding forms, Employee leave and job application requests, Retail surveys
- Case Studies
   Slumberland, Sainsbury, GXS, North Face, Isuzu,
   Harley Davidson, Compar Bata





## Telecommunications Industry Toolbox for WebSphere Portal

#### **Solution Areas**

Service Innovation

Service Creation

Service Management



#### Application Briefs

From Collaboration to Innovation: Leveraging Web 2.0 to Accelerate New Service Ideas

#### Business Value Guides

Telco ROI benefits framework

#### Software Assets

Service Provider Delivery Platform

#### Demos

MyWi Telco Consumer Portal

#### Case Studies

Verizon Wireless, Bharti, Cable and Wireless, mblox, Kapsch



#### **Telco Industry Solution Areas**

#### Service Innovation

• Deliver value to customers and exceptional user experiences to customers on the go. With intense competition with intense competition and ongoing price wars, telecommunication providers must rapidly adapt to change and deliver services quickly and cost-effectively. Mashups and Portal solutions provide the flexible platforms to enable this.

#### Service Creation

 Portals enable telecommunications companies to leverage complex infrastructures to address new marketplace opportunities by extending market reach with finer grain targeting of service offerings and providing third-party access to telecom network capabilities for enhanced services and revenue opportunities.

#### Service Management

• Portals help build agility into operational environments. As your interface to your customer, a portal can help improve quality of service, reduce customer churn, and deliver real time end-to-end visibility into the source and resolution of issues.



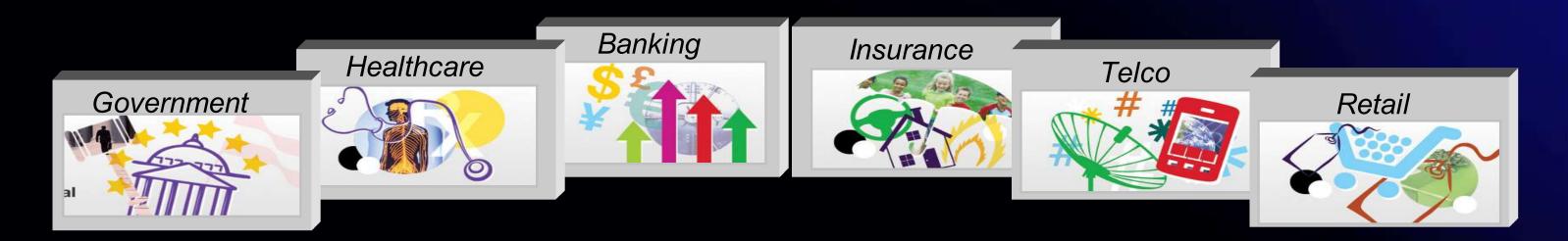
## WebSphere Portal and WCM Fuel Verizon Wireless Business Drivers

Timely adoption of smart phones
Promote mobile web growth and data usage
Reduce call center costs via customer self service
Support for diversified handsets and custom
browsers

Cross sell/Up sell (ring tones/ring back tones, games, etc)



#### **IBM WebSphere Portal Industry Templates**



Industry focus to accelerate solution construction for specific business needs Prebuilt Portal Sites contain structure and commonly used components for a target industry.

Built-in best practices help IT to dramatically speed time-to-market and reduce the cost of deploying portal-based business solutions that span the Lotus portfolio

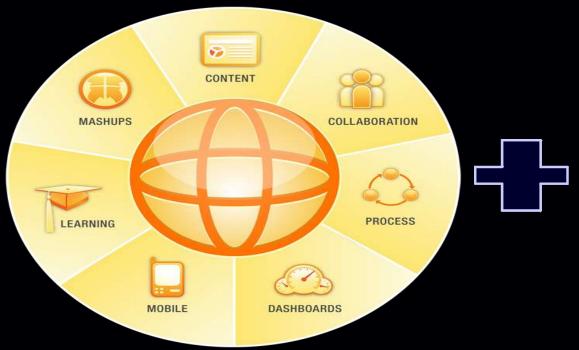
Showcase for successful interaction patterns solving recurring user needs in a best practice way.

Customers, Business Partners and IBM Services can readily configure, customize, extend and change (Portlet Factory Models included).

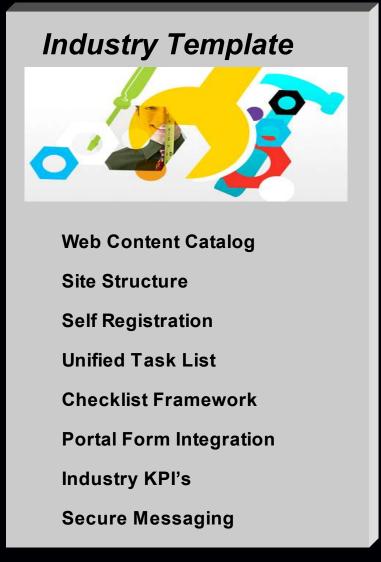


### **Using Industry Templates**

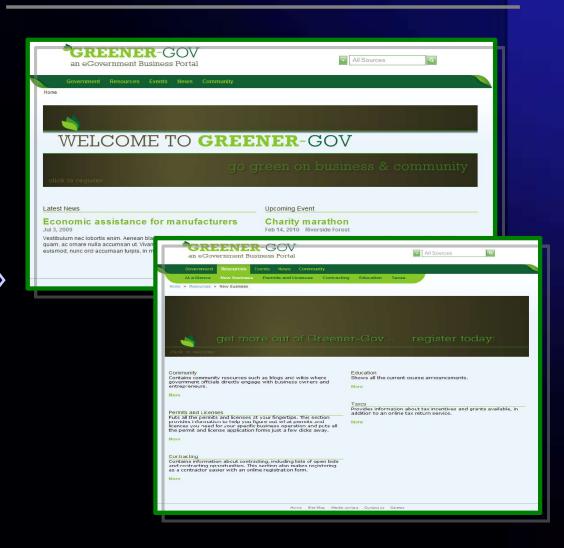
WebSphere Portal IBM Accelerators for Portal



#### **Industry Template**



#### **Prebuilt Industry Portal Site**



Industry specific implementations to jumpstart your project with prebuilt best practice websites.





#### **Jumpstart Template: Healthcare Patient Portal**

#### For Hospitals and Providers

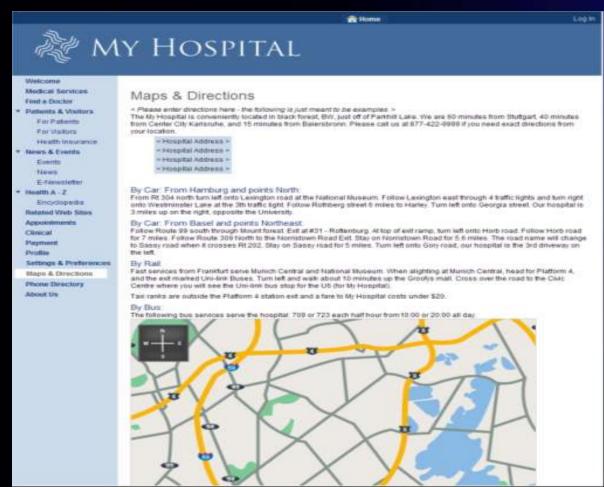
Connected Patients for Better Care and Satisfaction
The IBM Healthcare accelerator combines with IBM WebSphere® Portal software to help Hospitals empower patients via an online Patient Portal.

- Improved Patient Care through better patient communication
- Increased Patient Satisfaction by improving the patient experience
- Improved Efficiency by empowering the patient

Smart Work

- Greater Healthcare Innovation by freeing people to focus more on care (and less on administrative tasks)
- Foundation for additional Health Portals
   e.g. Physician, Clinician and other Portals

Patients are consumers, and as such have an expectation to be able to do everything via the Web – including managing their healthcare – in real time.





#### **Jumpstart Template: Government to Business Portal**



#### The Government to Business Solution

Connected Governments leverage robust, secure, manageable solutions to deliver the latest Web 2.0, easy, fast, flexible technologies to their users.

■ Become "business friendly" through better communication

Smart Work

- Spur economic development and launch new stimulus programs
- Gain efficiencies
   through e-government delivery of service (Online Forms for taxes, permits, registration, license)
- Capture more revenue and close loop holes through improved user guidance and feedback
- Includes pre-built web page templates, checklists, forms and content
- Based on WebSphere Portal, Web Content
   Management, and Business Process Accelerator

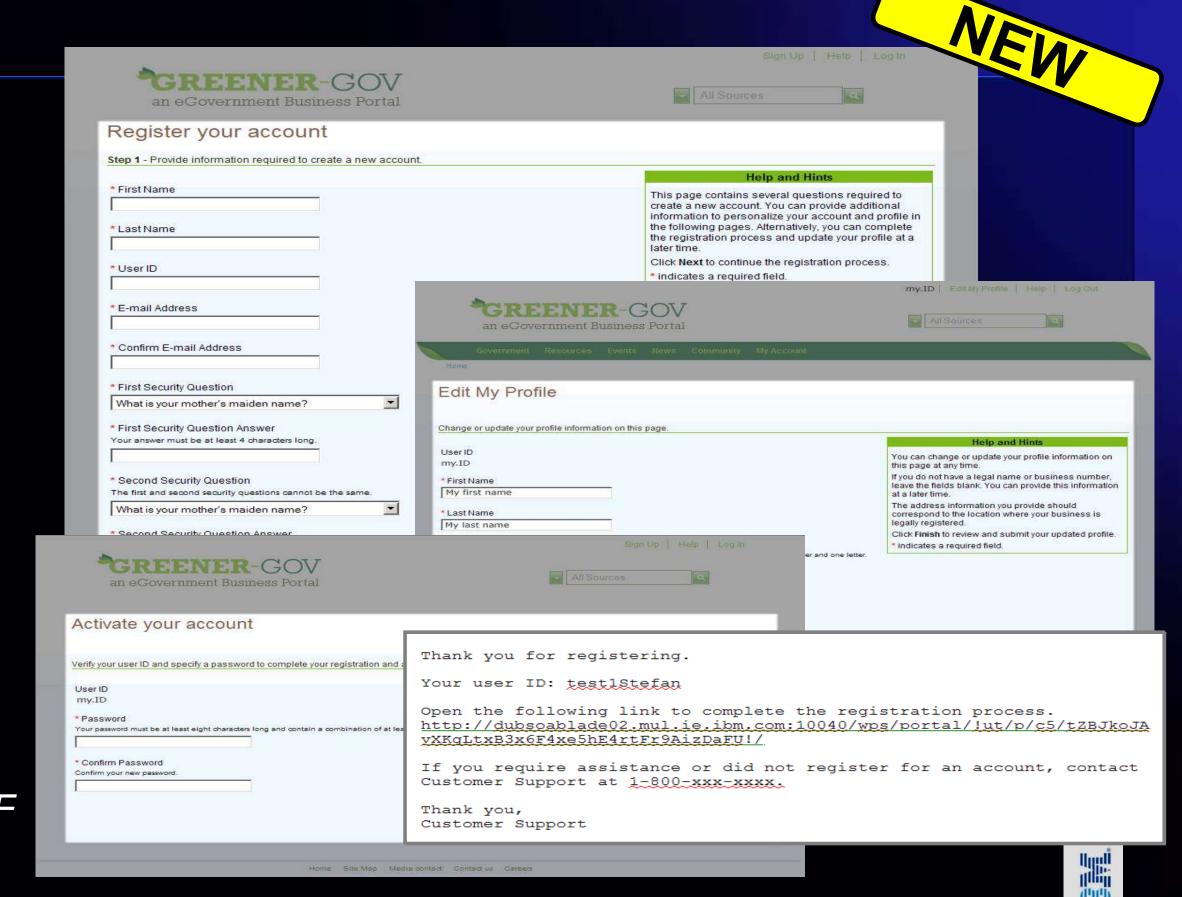


Government customers worldwide are using IBM Portal and Collaboration tools to deliver innovative services to their constituents



Advanced Self-Registration

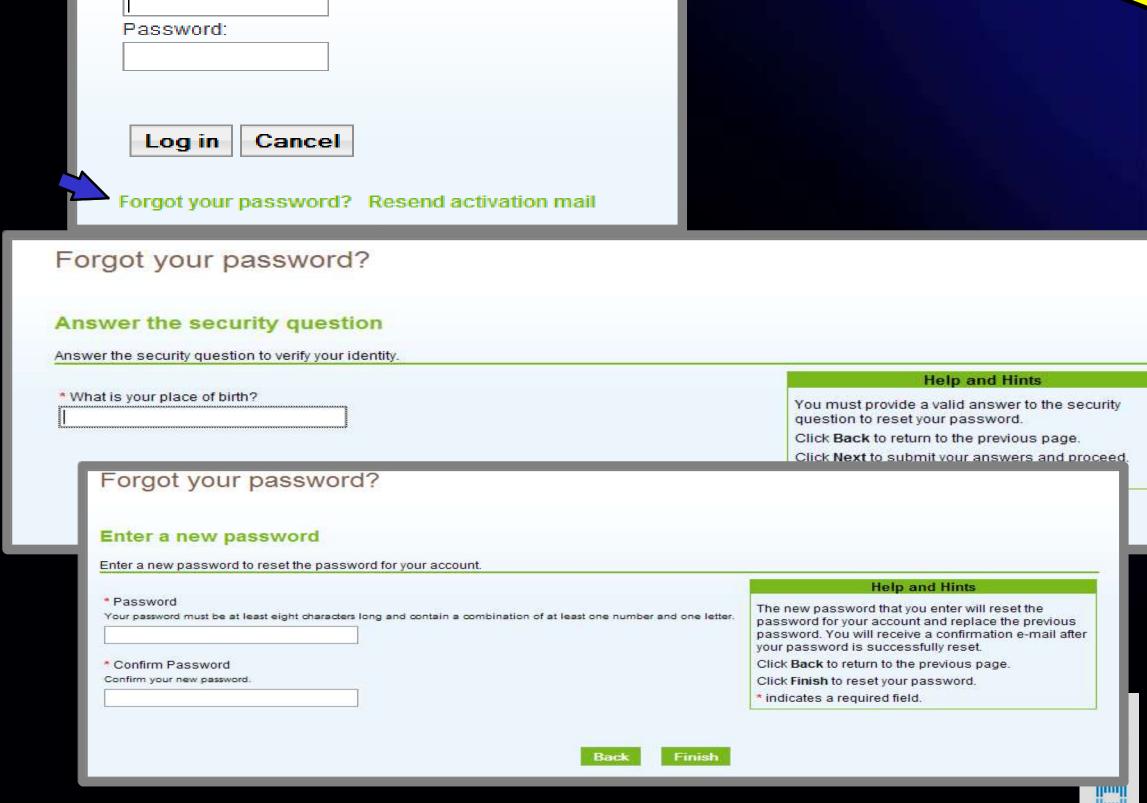
- Enhanced profile generation (user attribute and group membership)
  - customizable
- Email validation or immediate activation options.
- Security Question management.
- Built with Portlet Factory and provided as ready to deploy WAR file and WPF feature set for custom development.





 Password reset support. User ID:

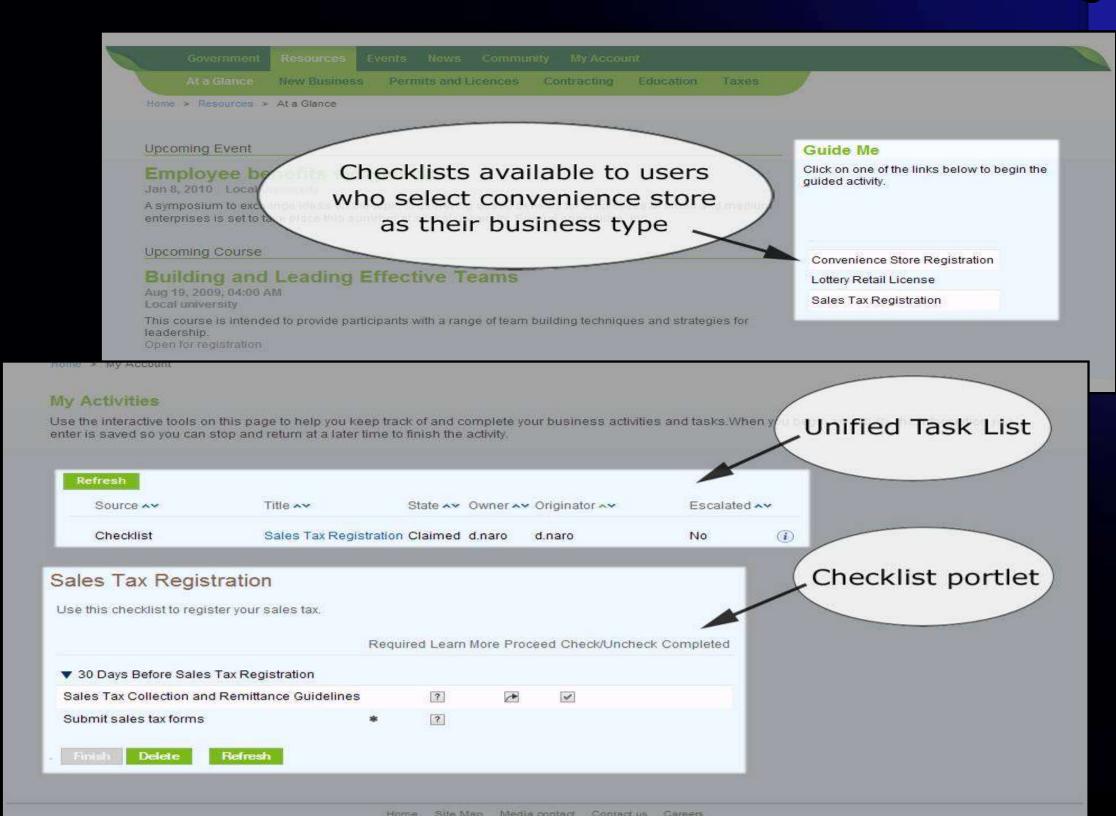
- Easy to use.
- Security Question validation.
- Built with Portlet
   Factory and
   provided as ready to
   deploy WAR file and
   WPF feature set for
   custom
   development.



## Enable your users to accomplish tasks more successful and more efficient



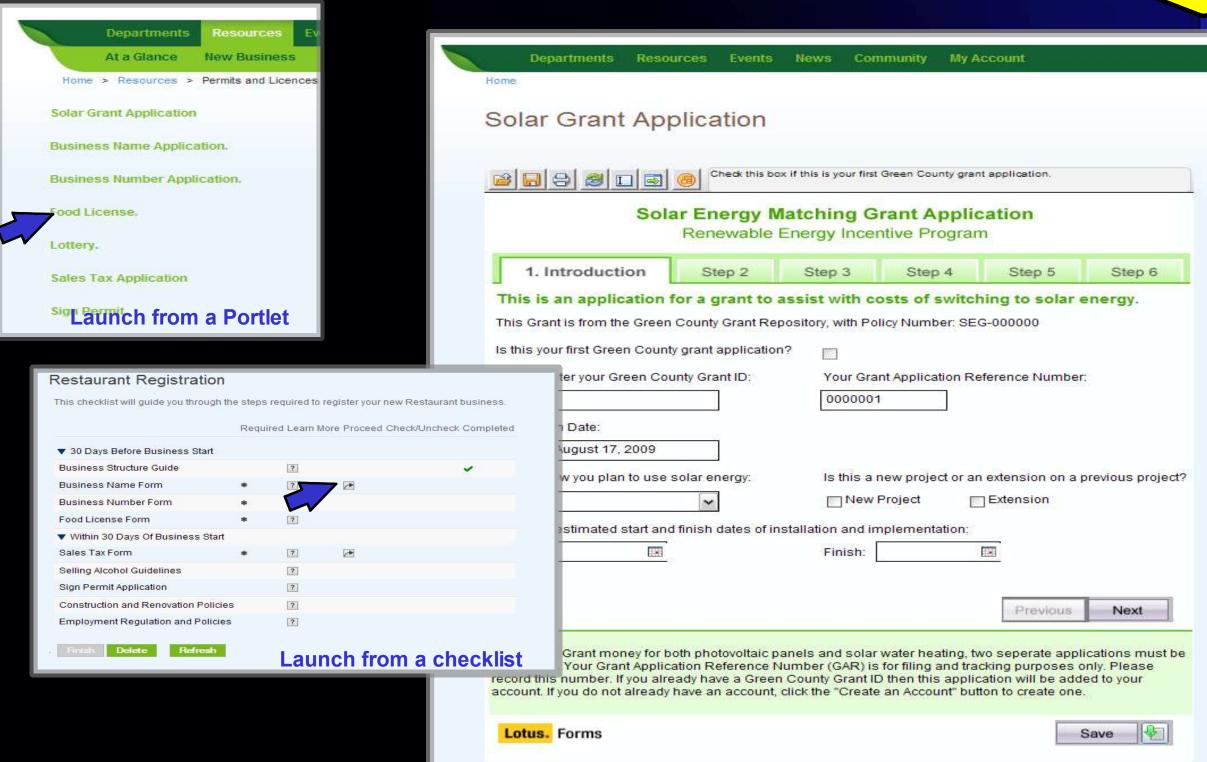
- Quickly find out what your next required steps are.
- Share best practices and procedures with customers, partners and colleagues.
- Stay on top of the work across all systems you need to deal with.
- Automatically use the most efficient tool for the task at hand.



#### Simplify your Customer Interactions - Lotus Forms



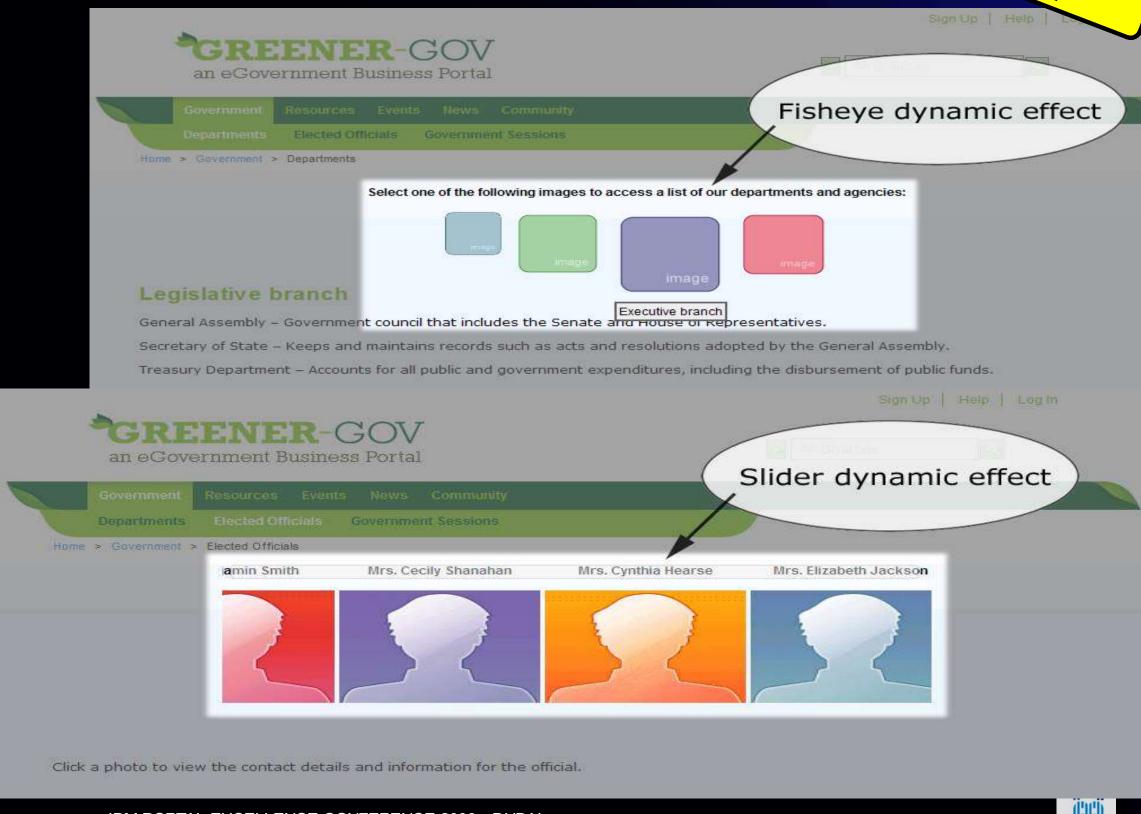
- Electronic forms simplify business tasks by providing user guidance and validation.
- Use Lotus Forms within your WebSphere Portal without any additional development.
- Easily launch an electronic form from the Unified task list, from a checklist, or any other custom Portlet.
- No client installation needed.



### Web Content Catalog – Ready to use for your Website

Sign Up | Help | 1

- The IBM Government to Business portal template includes the Web Content Catalog.
- Sample content that displays on the portal pages when installed.
- Blog and Wiki templates
- Dynamic effects for images
- Presentation and authoring templates for site content
- Personalization components







#### **Jumpstart Template: Online Banking Portal**

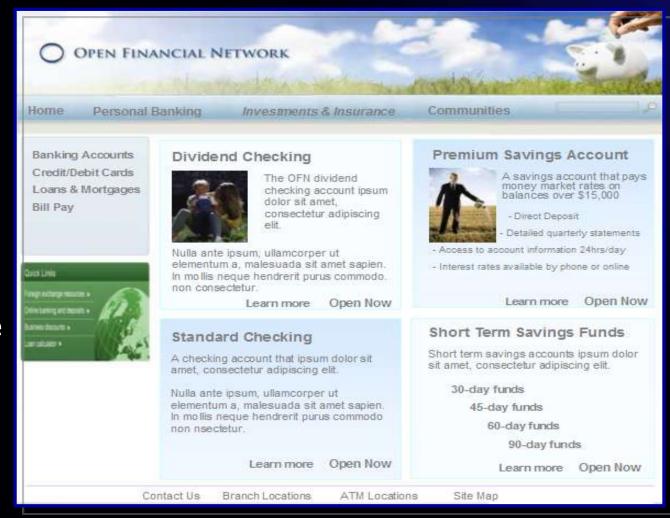


Connected Customers for Better Access to Financial Information
The IBM Online Banking Portal combines with IBM WebSphere Portal software to help Banks empower customers via an online Banking Portal.

- Improved Customer Access anonymous and authenticated access
- Increased Customer Satisfaction personalized services, information and offers
- Improved Efficiency by empowering the customer self service

Smart Work

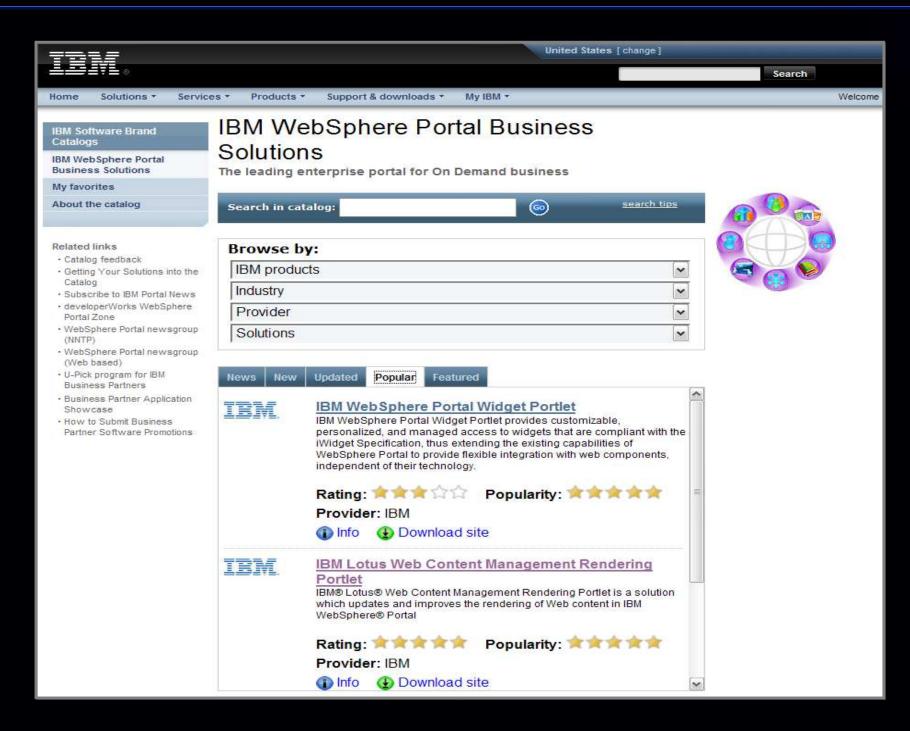
- Greater Banking Innovation by freeing bankers to focus more on services (and less on administrative tasks)
- Foundation for Multi Platform Banking extend to Mobile, Kiosks and other platforms



Banking customers have an expectation to be able to perform all banking activities wherever they are and at any time via the Web.



#### IBM WebSphere Portal Business Solutions Catalog



http://www.ibm.com/software/brandcatalog/portal/portal

## A one-stop shop for IBM and Business Partner solutions

The catalog is a Web-based clearinghouse for thousands of portlets, WebSphere Portal solutions from IBM and hundreds of IBM Business Partners, sample dashboards, and line-of-business (LOB) and industry key performance indicators (KPIs) that work with IBM® Dashboard Accelerator.

Plus, the catalog itself is built on the WebSphere Portal platform, providing an excellent example of what's possible with portal software from IBM.

#### A note to IBM Business Partners:

introduce your solution to businesses worldwide

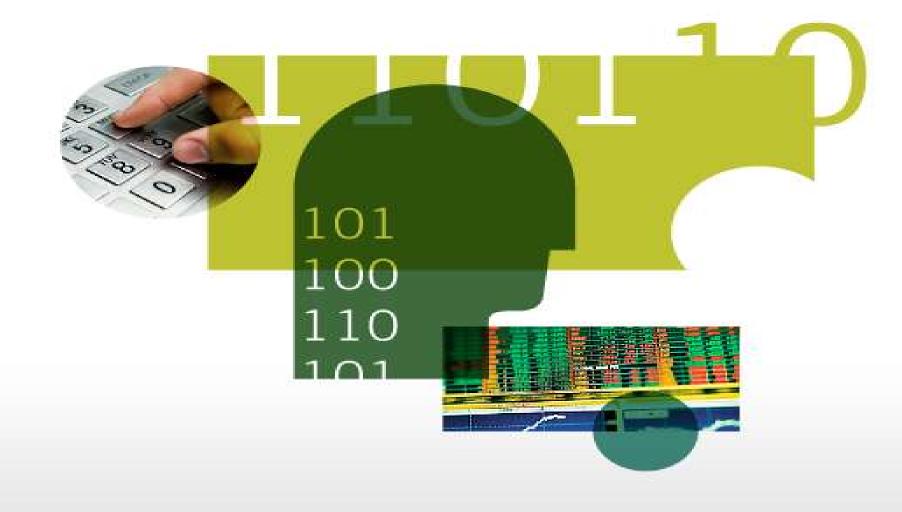
The WebSphere Portal Business Solutions Catalog provides a vehicle for introducing your WebSphere Portal solutions and services to a worldwide audience and driving leads. Because the catalog is available in many languages, it's ideal for promoting regional solutions.

And listing your solutions in the catalog is easy. Just go to the catalog home page, click on the Getting Your Solutions into the Catalog link and follow the instructions. You can also advertise events related to your catalog-hosted solutions on our news portlet.





- •Portal + Banking
- Customer Examples



#### Smarter Banking





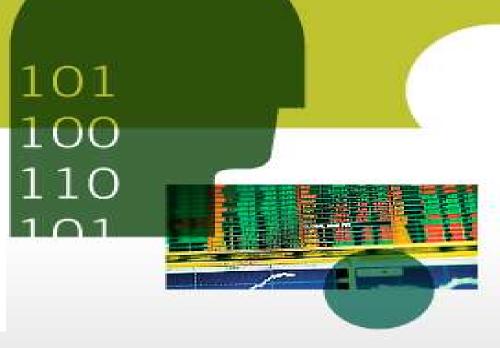
Percentage of customers
who would give their bank
only two chances to
fail before considering
a change in banks.



25 billion

Global trading systems are under extreme stress,

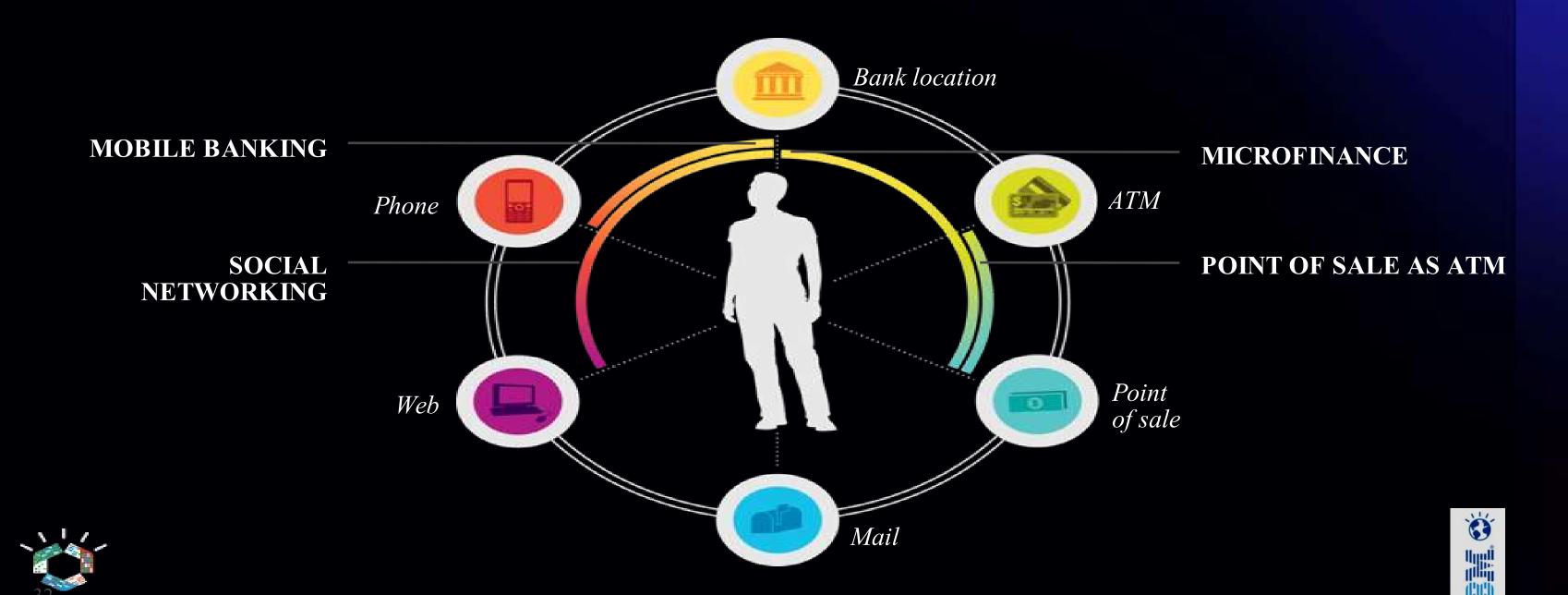
handling billions of market data messages each day.



http://www.ibm.com/ibm/ideasfromibm/us/smartplanet/topics/finance/20090126/index.shtml

## Drawing on marketplace insights and engaging customers as co-developers

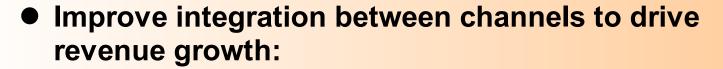
a smart financial institution tailors products and services on demand and delivers them through an ever-evolving and increasingly interconnected set of channels.



### **Industry Drivers For Productivity Solutions**

Per-Transaction Costs by Banking Channel

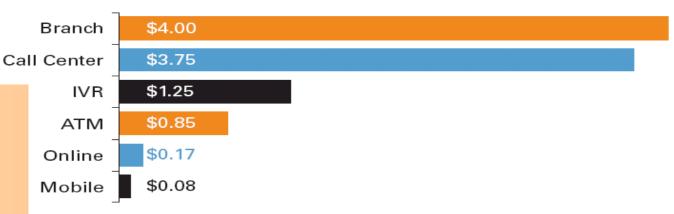
Mobile is the lowest-cost banking channel to serve on a per-transaction basis.



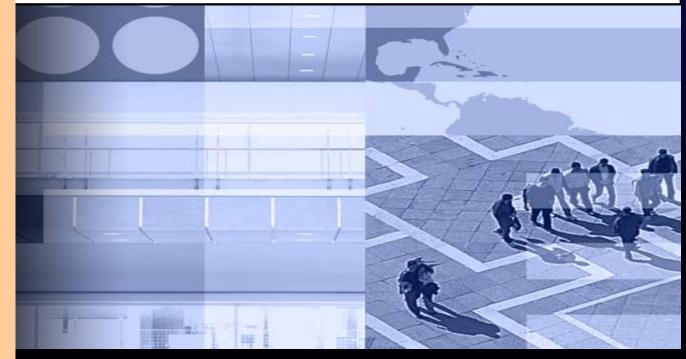
- Differentiate service to stand out from their competitors
- Provide Mobile Solutions
- Integrate communications across service channels
- Provide personalized services for all channels

#### Increase productivity, reduce costs

- Agent and Customer Self Service
- Increase sales channel productivity
- eForms Solutions
- Create a powerful user experience for agents, advisors and customers:
  - Simply the user experience for agents and customers
  - Improve the way agents sell to and manage their customers
  - Leverage Web 2.0 capabilities



ce: TowerGroup, Fiserv/M-Com Data: Mobile transaction costs based on actual data from M-Com, nternational mobile banking and payments solutions provider and Fiserv partner whose technology ers Mobile Money from Fiserv.







### WebSphere Portal Solutions in Today's Financial Climate

#### Top Three Imperatives\*

#### Retain Customers through Rich User Experience

- Account information, customer service, targeted marketing tailored for each customer
- Interactive, integrated search and help
- Built-in Web 2.0 online collaborative experience

7

#### Reduce Costs by Maximizing Existing Assets

- People, processes and data are all linked by Portal
- Empower everyone with managed content they need in a format they understand
- To all channels, mobile, web, desktop clients
- Portlet Factory speeds up portal delivery

3

#### Prepare for Merger and Acquisition by Managing Integration Risk

- Integration at the glass streamlines cross-department productivity
- WebSphere Portal is the 8-year Portal market leader
- IBM at the forefront of major business innovations: SOA, Web 2.0, Enterprise Mashups





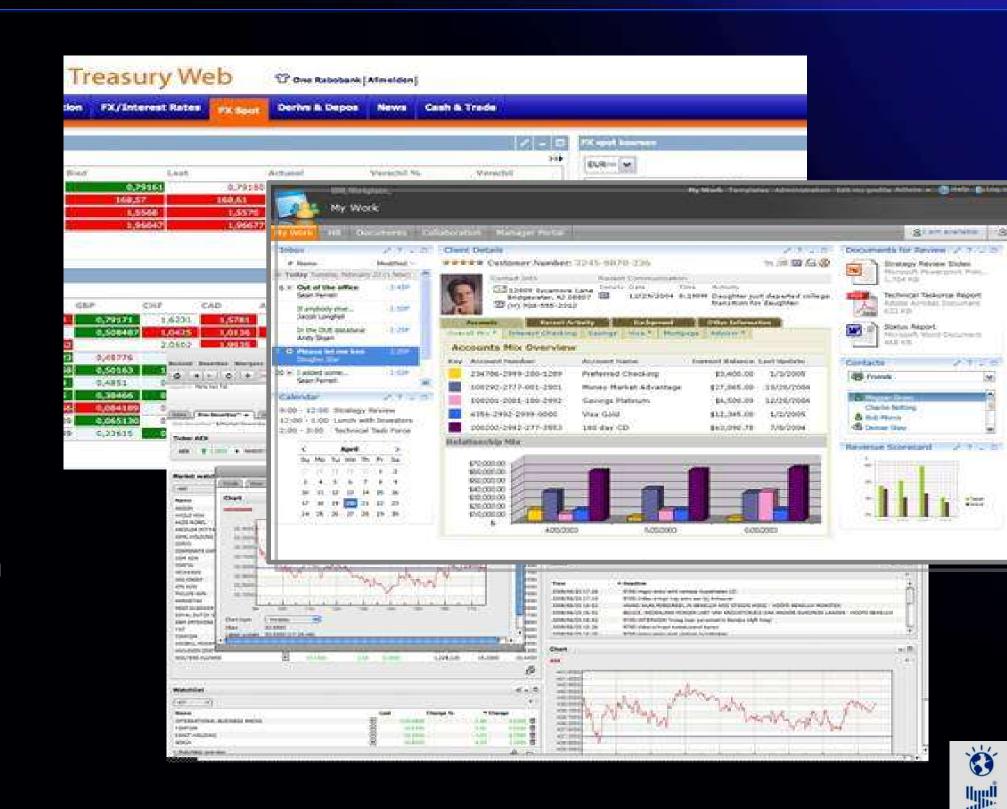
#### WebSphere Portal Addresses Banking Needs

#### Who's using Portal?

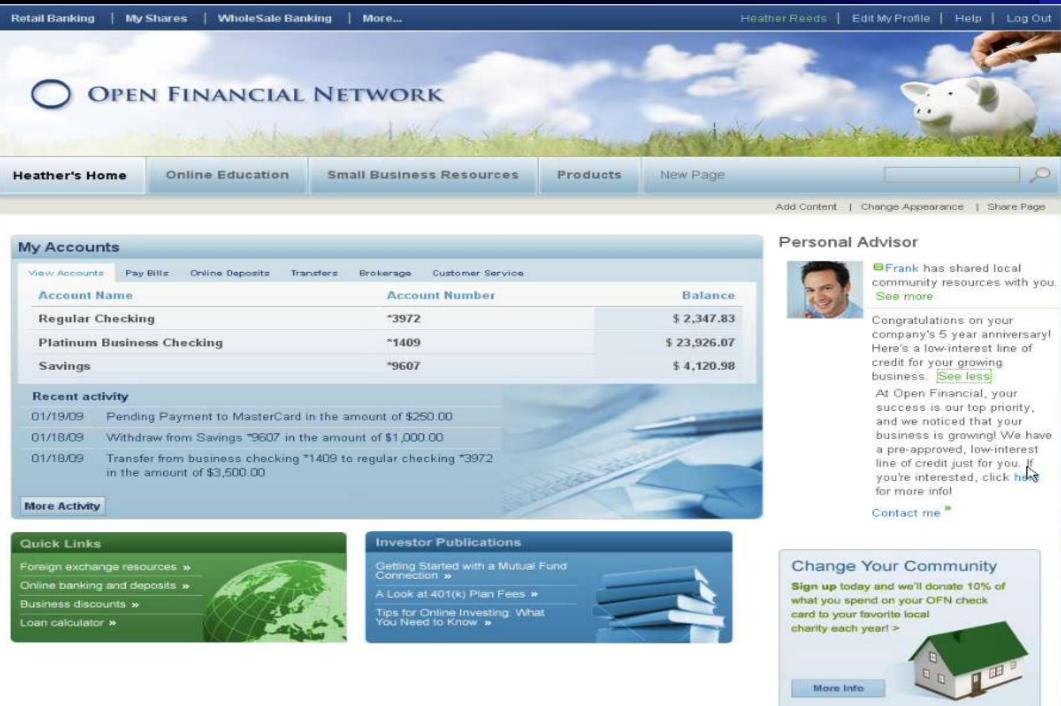
- Online Customers
- Tellers
- Customer Service Reps
- Payment Managers
- Risk Analysts
- Sales/Marketing
- Human Resources

#### ☐ How is Portal being used?

- Customer-service gateways
- Employee intranet
- Evaluation information aggregation
  - Marketing campaigns
  - Investment opportunities
- Back-office process consolidation
  - Payment processes
  - Auditing
- Hot-button dashboards
  - Event notification
  - News aggregation



## •DEMO







# Sparda Bank – One Portal for All



- 3 Million Bank Customers in 12 regional banks
- 1.5 Million Internet Banking Customers
  - Of which around 1 Million are regular users, resulting in
  - 10 Million sessions / month
- Sparda needed a single Portal
  - For customers; for employees
- WebSphere Portal's high performance
  - Exceeded Employees' requirements
  - Exceeded Customers' expectations
- Availability of banking systems critical to success and acceptance

Portal performance measurably better than requirements





Integration of 12 regional banks

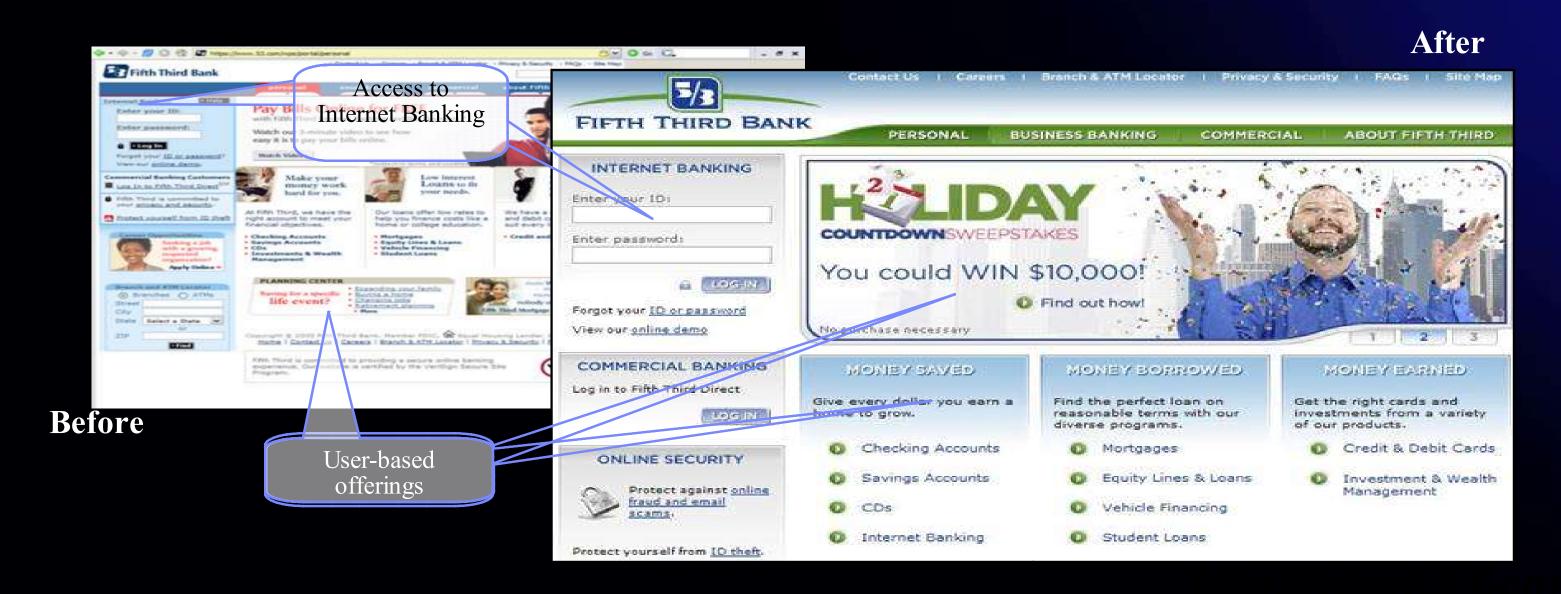
Integration of many financial applications

△ Performance							
		Performance	Avg [s]	Min [s]	Max [s]	Std.Dev.	Histogram
✓	Transaction Response Time		18,46	0,13	23,66	2,51	
age	limes	Performance	Avg [s]	Min [s]	Max [s]	Std.Dev.	Histogram
	Average Page Time		3,09	0,10	10,62	1,88	
	Internet_Portal SPB DSL 01 Verbinden	100,00	2,31	0,10	3,59	0,23	
	■ Internet_Portal SPB DSL 02 Anmeldung	100,00	2,68	2,42	5,22	0,39	<b>E</b> 4
	■ Internet_Portal SPB DSL 03 Abmeldung	<b>100,00</b>	1,05	0,88	2,28	0,13	2
=_	Internet_Portal_ZVB SPB DSL 01 Ueberweisung	100,00	2,83	2,65	4,67	0,19	-
	■ Internet_Portar_E.	93,49	6,55	3,40	10,62	2,02	
	Internet_Portal_ZVB SPB DSL 03 Empfaengerliste	100,00	3,13	2,84	4,69	0,22	
Custom Timers Performance		Avg [s]	Min [s]	Max [s]	Std.Dev.	Histogram	
	■ Internet_Portal_ZYB SPB DSL Session komplett		18,58	15,41	23,64	2,01	





## Fifth Third Bank – Improving Customer Content



- Merchant services for retailers & ATM Processing Services for financial institutions
  - -17 billion transactions worth more than \$138.6 billion annually.
- Portal & Content Management Solution





#### GE Capital - Australia & New Zealand

### Business Transformation - Online engagement is the big win

#### New Levers







Revenue

**Digital Process** 

**eMarketing** 

#### Why it Will Be Better









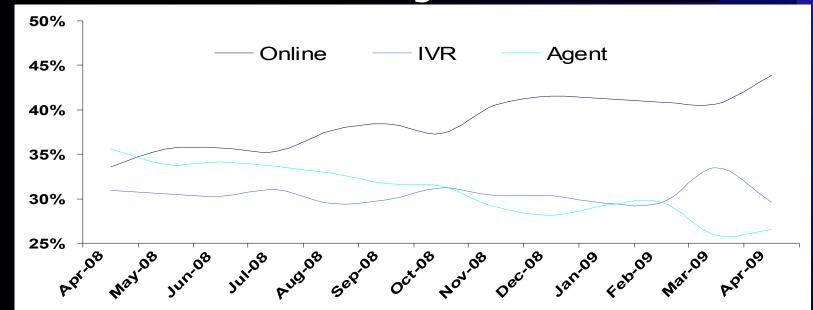
1:1 Relationship

Web 2.0

Trust & Safety

Mobile

#### Online Usage Growth



#### Strong Payback

- Productivity
- New Revenue
- Reduced Operating cost
- Technology Reuse





#### **AMP – Process Acceleration**





Australian wealth-management company improves productivity with WebSphere Portal and IBM Process Accelerator.

AMP Financial Planning

#### **Business Needs**

- Improve access to customer and product information.
- Increase customer face time.
- Seamless integration.

#### **Delivery**

- Multi-Channel Retail, Advisers, Internal.
- Common SOA framework.
- Portal fronts backend systems.
   (Siebel, Oracle, Vignette, Sharepoint, mainframe)

#### Results

Smart Work

- Forms met business case in *under 10 months*.
- Expected 3 year adoption rate met in 3 months.

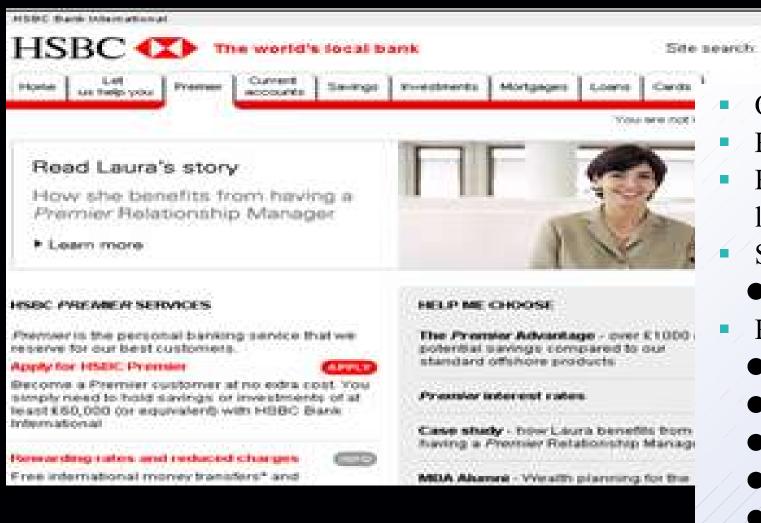
"There's a definite link between the efficiency of the portal, increased revenue and cost savings." Roy Crociani, IT director, AMP





#### HSBC – Global Customer Service

- running the brand on WebSphere Portal



Over 50 million customers



 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:

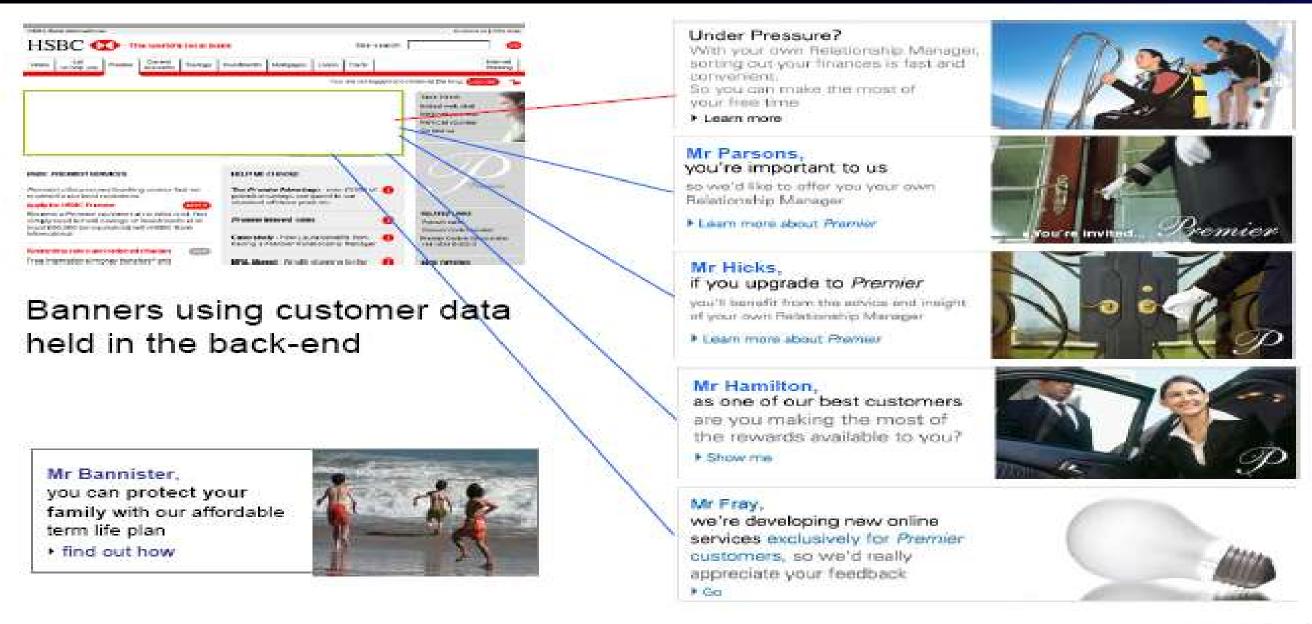
- Personal Financial Services
- Corporate Banking
- Payments
- Insurance
- Premier
- Stock Trading

http://www.hsbc.com





#### **HSBC: Crafting an Exceptional User Experience**





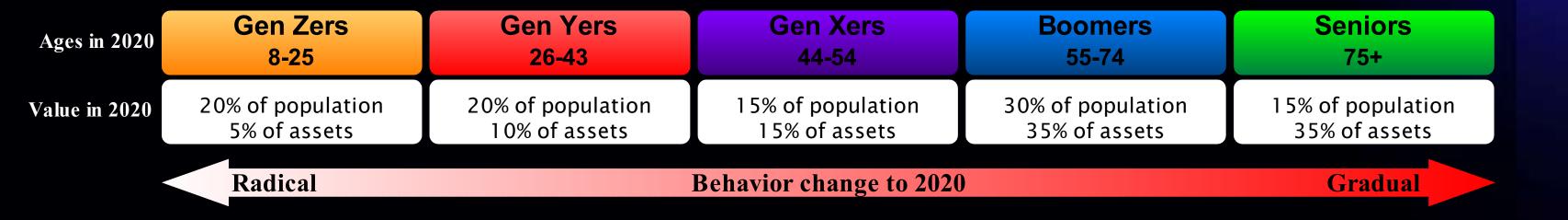




## The Future of Banking Customers: 2020

Behavioral Changes...

...Communities of Use







#### **Postbank Netherlands**

- rethinking the Internet customer experience

# Internet banking v2.0: "It is about facilitating money for customers"



## TALKING BANK The bank is there at moments when people are busy with money

BLENDED COMMUNICATION Integration of new media in the customer process

FACILITATOR ROLE
From keeper to facilitating money











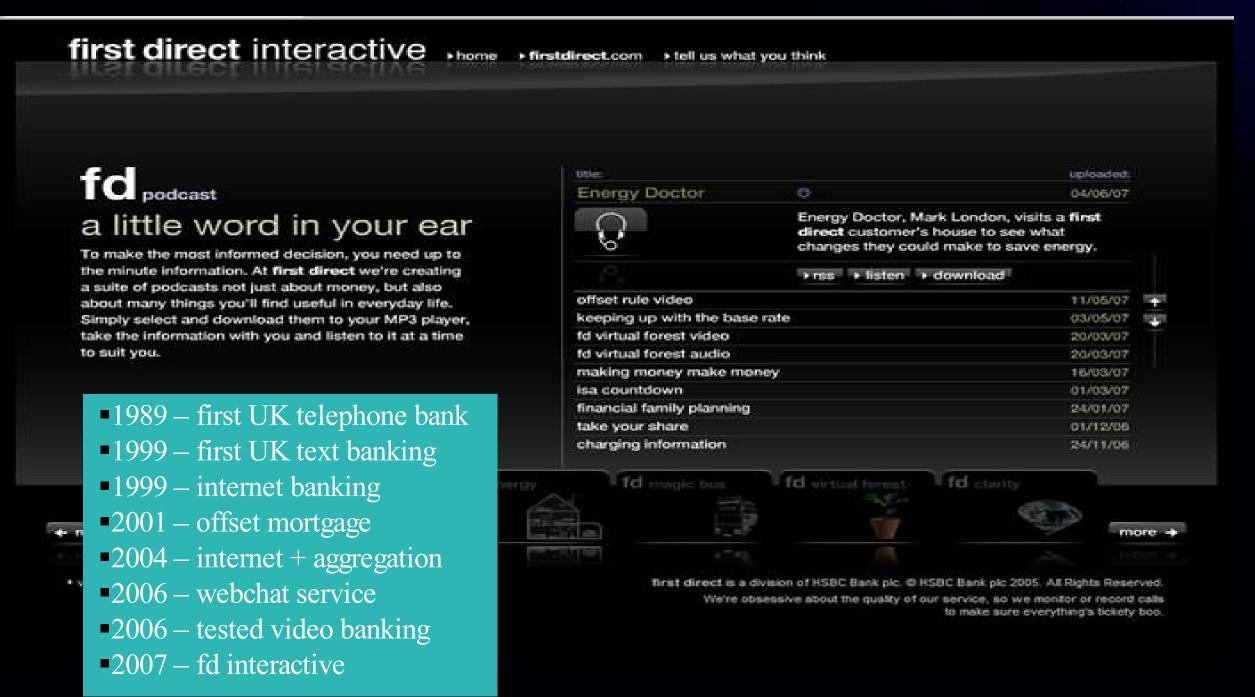


Presentation 16 November | Kim Verhaaf | Head of Internet Channel Development



#### First Direct – 100% Internet Bank

- a rich selection of podcasts and other community features

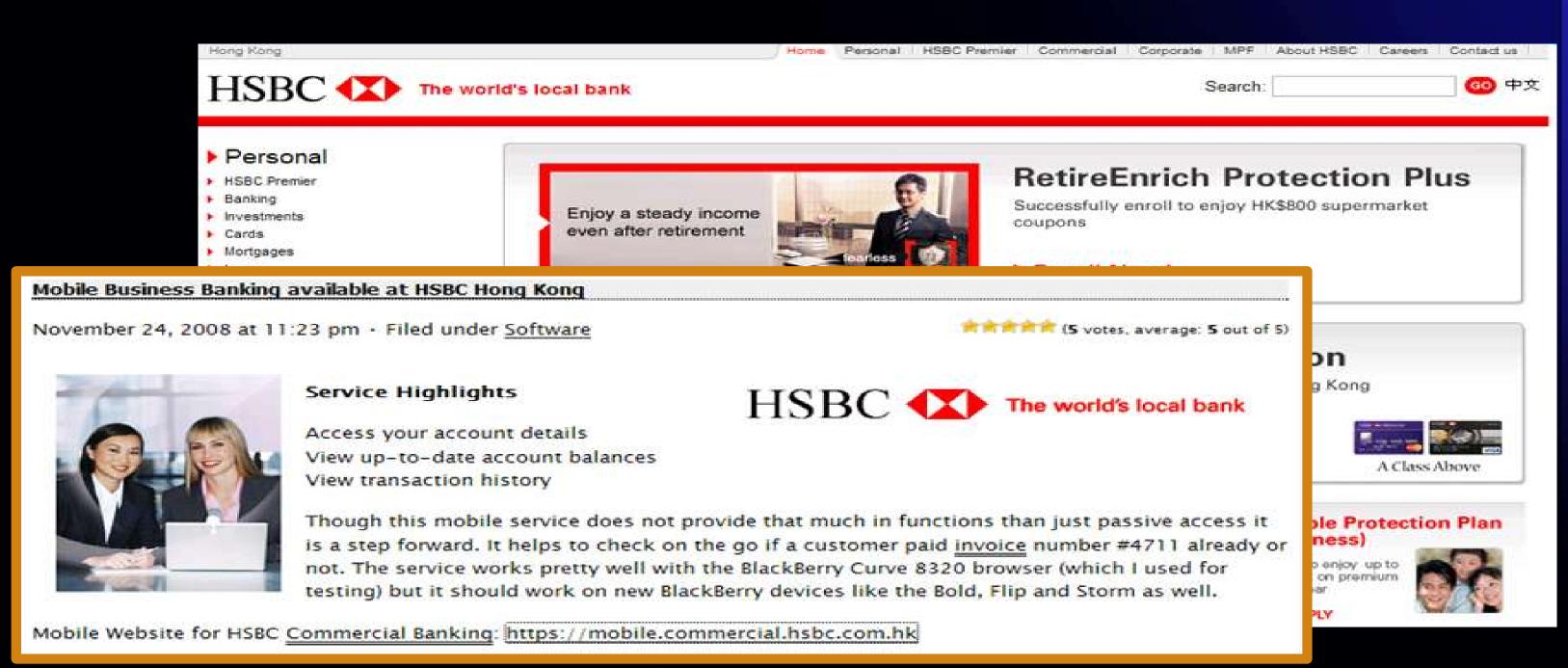


- fd compete competition
- fd decide which mortgage
- fd energy energy saving tips
- fd magic bus events schedule
- fd virtual forest turn off paper statements
- fd clarity customer comments





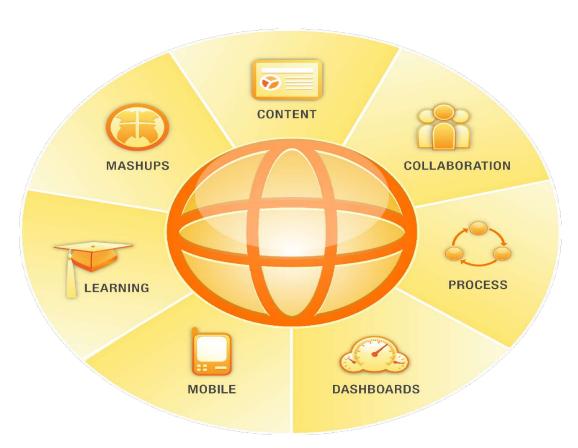
# **HSBC Hong Kong – Bringing Mobility to Banking**







#### IBM WebSphere Portal for Banks









# IBM PORTAL EXCELLENCE CONFERENCE 2009



# Thank You



