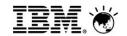
Get Social. Do Business. Gain Insight. Optimize Results.

Project Northstar : A Roadmap to Exceptional Web Experiences

Simon Lee

Regional Executive, Portal & Social Solutions IBM Software Group, ASEAN





Two years ago

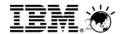




Now







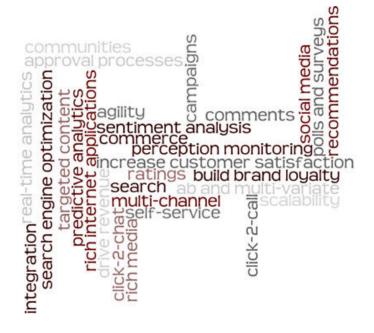


The emergence of the...

Exceptional Web Experience

... as a strategic priority

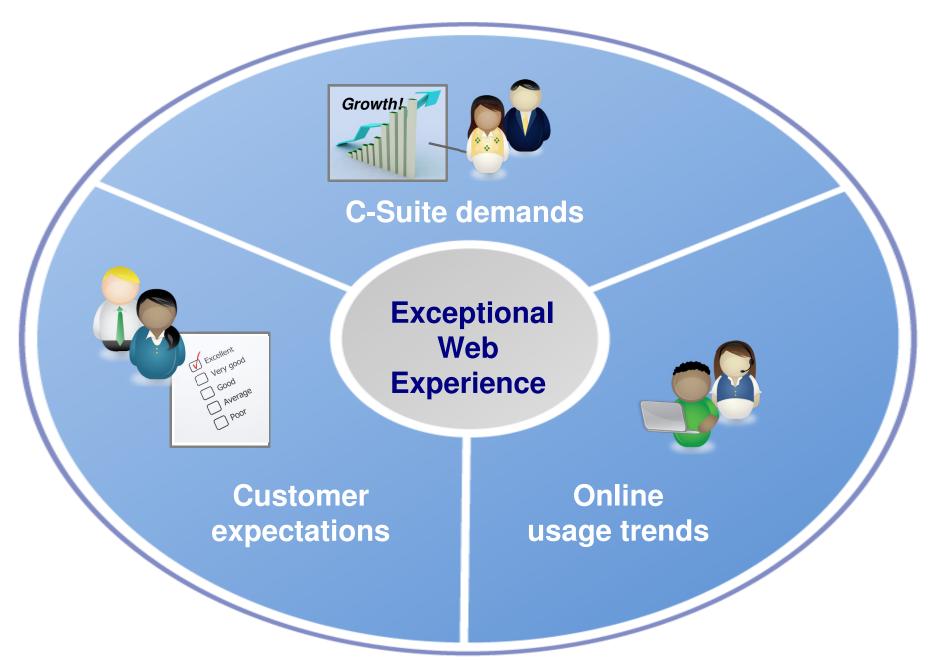
Now



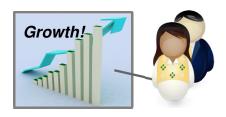












C-Suite Demands

"Return to Growth" is a top priority...

Gartner (2010 Gartner CEO and Business Executive Survey)*

"In 2009, CEOs initially placed cost cutting at the top of their priorities to cope with the sudden and severe recession. In 2010, the focus for 71% of business leaders is a return to revenue growth."

Frost & Sullivan / BusinessWeek (2009 Frost & Sullivan CEO Survey)

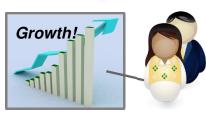
"Top line revenue growth remains the number one priority for CEOs across the world."

CMO Council (Marketing Outlook 2010)

"CMOs report their top priorities are... grow or retain market share, drive top-line growth, and better define the brand and its value proposition"



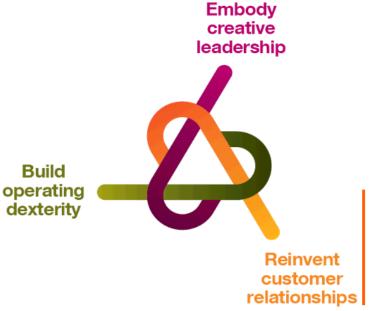




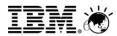
C-Suite Demands

Capitalizing on Complexity

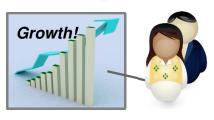
2010 IBM Global CEO Study High-performing companies differentiate themselves in three ways...



- · "Getting closer to customers" is the single most important theme
- Better understand customer needs through collaboration and info sharing
- Exploit the information explosion to deliver unprecedented customer service







C-Suite Demands

2010 IBM Global CEO Study

How do you reinvent customer relationships?

Recommendations

- Honor your customers above all else: Unprecedented level of focus, heightened customer exposure for every employee, measure what customers value.
- Use two-way collaboration to sync with customers: Make customers part of your team, solicit customer wants, co-innovate and interact with customers in new ways, deliver true process transparency.
- Profit from the information explosion: Tap the value of limitless data, use analytics to translate data into insight into action that creates business results, share information freely to build trust and improve customer relationships.

Tough questions to consider

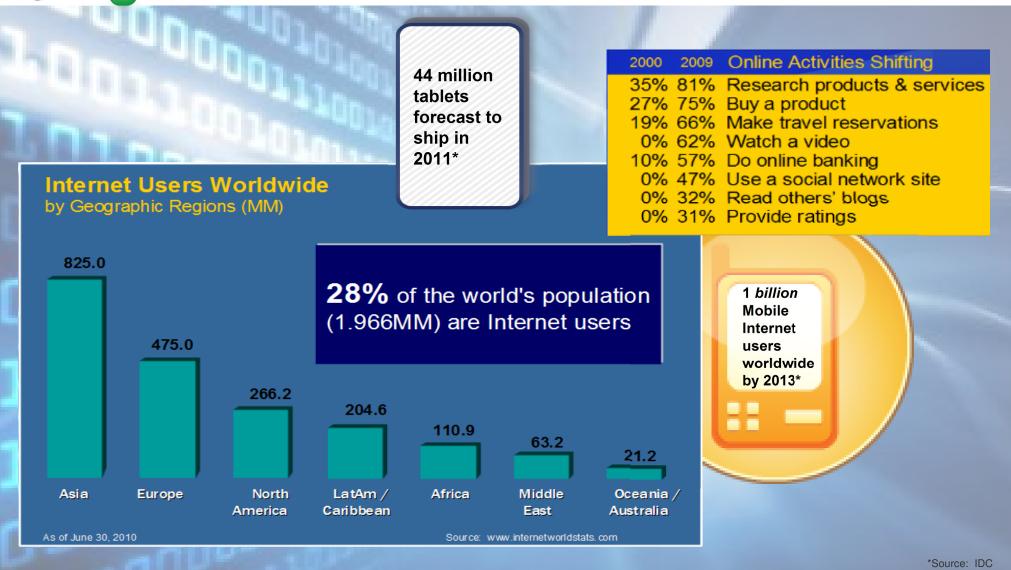
- How will you engage customers in new ways that increase interest and loyalty to generate new demand and revenue sources?
- How can you involve customers more effectively and directly in product and service development?
- Can you hear the voice of your customers through the vast amount of data? Can you understand and act upon the information?







Online Usage Trends









Customer Expectations

Relevant & personalized to individual needs

Engaging -memorable, compelling, moments of truth Portable -consistent experiences when & where needed







Trustworthy: Delivered with reliability, security, consistency









What should enterprises demand from an Exceptional Web Experience to deliver the business results they need?

Delights customers

Createssustainable
differentiation

Adapts to new opportunities



Leverages investments

Delivers





Delights customers

"Creating a Web presence that draws customers in because it is engaging, responsive, reliable, and intuitive to their needs will be a strong business differentiator."

With Exceptional Web Experiences That Are...

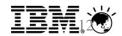
Balance Form & Function: Visual Appeal + Ease of Use Equally Important



Know Your Intended Audience: Deliver Precisely What They Need/Want

People Are
Everywhere:
Explosion of
Mobile Means A
Moving Target!

Turn Customers
Into Advocates:
Ensure A Reliable,
Secure Experience





Adapts to new opportunities

Marketing & business tooling

Fast time-to-market

Measure & optimize, don't fire & forget







Createssustainable
differentiation

How do you turn the temporary competitive advantage you get from a site launch into sustainable differentiation?



Key: Marketing / IT Alignment

Ability to differentiate using compelling and unique experiences

Combined with open, scalable, extensible technologies that can be sustained over time







Enterprises have deep business value in existing investments waiting to be unlocked

Web Properties

Web presence / .com

B2C Commerce Site B2B Commerce Site Customer Self-Service

Mobile Apps Investor Site

Facebook Presence Micro -Sites

Information & Process Assets









Scale when you need it

- Customers, typical & peak
- Web properties
- Languages
- Content

Wrap around customers

- Traditional web
- Rich internet applications
- Mobile channels
- External social properties
- Kiosks, set-top boxes, digital signage, point-of-sale devices, etc.







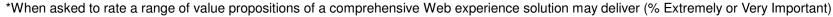




Line-of-Business and IT Lockstep:

Understanding Customer Needs is Paramount*



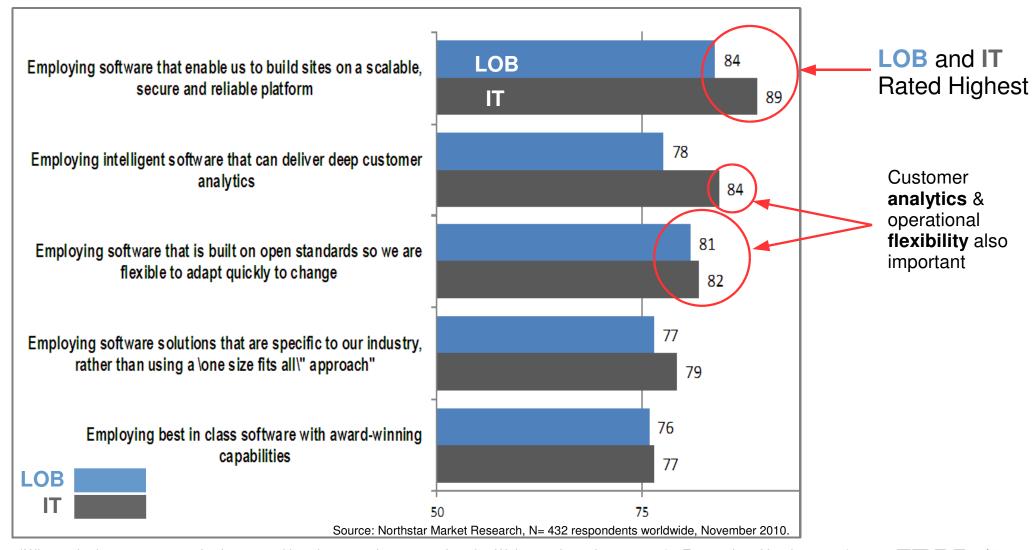


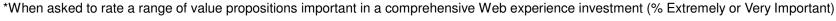




Line-of-Business and IT Agree:

Web Experience Scalability, Analytics, Flexibility Important*







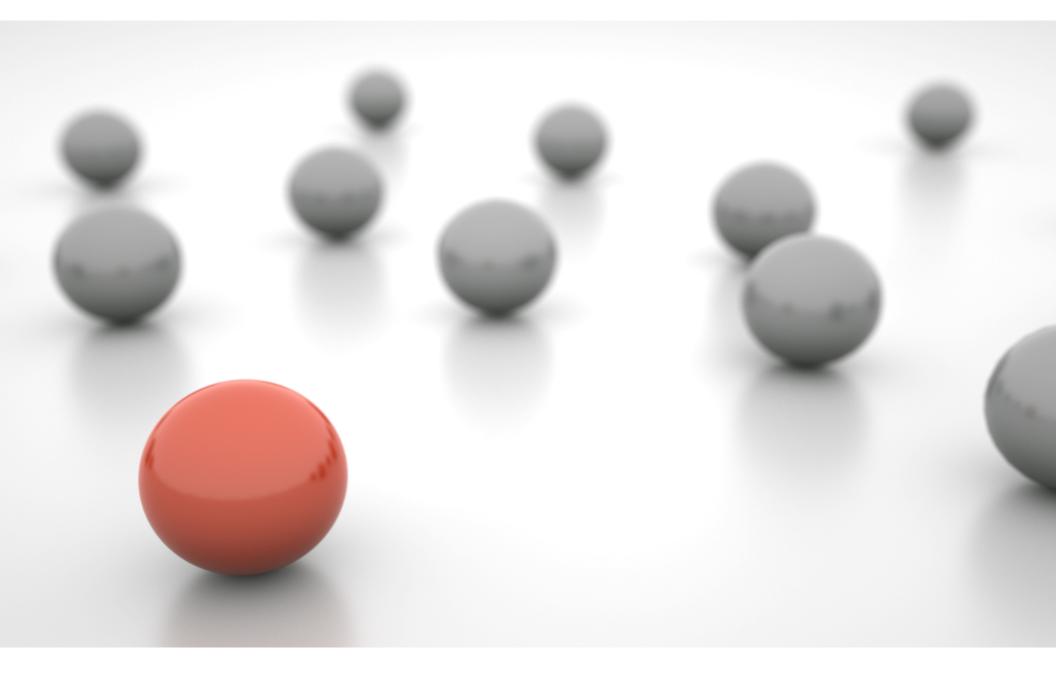
Exceptional Web Experiences Can Déliver...







How Do You Stand Out?

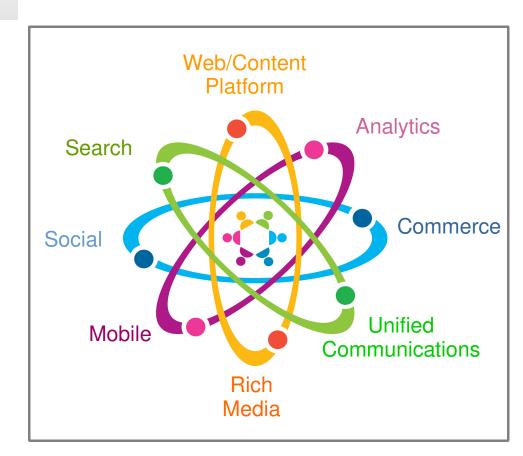




IBM Project Northstar

Leading the way in exceptional customer experiences

- Vision about the "art of the possible" for engaging Customers on the web
- Multi-year IBM strategy to deliver the capabilities for our customer to excel at customer-facing experiences
- Guide for IBM investment focus both organic and inorganic investments
- Nimble to continually absorb and simplify emerging advances to help customers differentiate sites

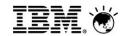


People are at the center of an exceptional experience; Capabilities are employed as necessary to help achieve experiences that meet/exceed the expectations of the intended user(s)



IBM Project Northstar is targeted to most strongly appeal to the roles within an organization that *sponsor* and/or *operate customer-facing Web properties*

CSO	CCO	СМО	Business Unit Executive	Office of
Customer Support	Channel sites for Agents	Company web presence, Demand Generation, On-line Sales	Customer Services (Business Owner)	Citizen . Communications and transactions
Optimizing Self Service	Growing channel share and loyalty	Brand, \$, and single view of Customer	On-line Banking, Patient Portal etc.	Ease tax filings Emergency readiness Education advancement Food safety





IBM Project Northstar Offerings

Services and Support

Industry Solutions and Templates

IBM Value-added Modules

Partner Value-added Modules

IBM Customer Experience Suite





Solution focus

Services ar	nd Suj	port										
			Il Technology Services		Global Business Services		IBM Lab Software Services		Enterprise Software Support			
Industry So	olution	ns and	d Temp	olates	.							
Government	Healt	lealthcare Ba		king Retail			Insurance	e Industrial T		Te	lco Travel + Transportatio	
IBM Value-	adde	d Mod	lules				Partne	er Va	lue-ado	led M	odul	es
Commerce		Forn	ns		bile (multi- nnel server)		_	l Asset gement Web		o Analytics		Mobile
Predictive Analytics	W/Veh A		alytics	_	susiness selligence		Enterp Marketir			Immersive Viewing		CRM
IBM Custo	mer E	xperi	ence S	uite								
Web Conten	it	Port	tal		Social	F	Personaliza	ation	Marketi	Marketing Tools		Search
Analytics- enabled		Insta Messa		Mobile (high end)		Rich Media		dia	Mashups			Rich Internet App Tooling







IBM Customer Experience Suite



Create Dynamic, Engaging Web Experiences that Wow Customers



Target the Right Experience to the Right User via the Right Channel at the Right Time



Improve Customer Loyalty by Enabling Users to **Socialize**



Optimize the Experience to Maximize Results



Realize Business Goals



Reach Customers Across Multiple Channels – Mobile, Web, Kiosk, Email...



Integrate Across Heterogenous Systems to Deliver New Value











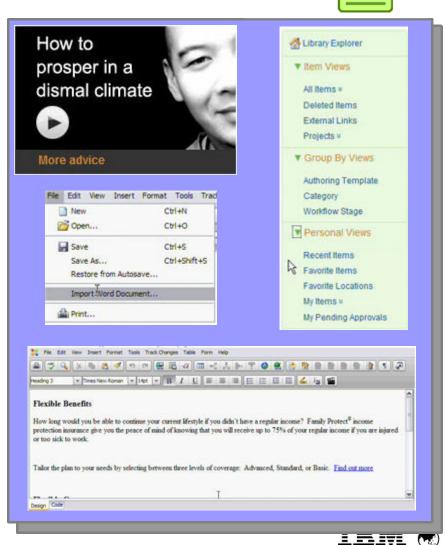






Create Dynamic, Engaging Web Experiences that Wow Your Customers

- •Increase responsiveness by empowering business owners to manage the creation & delivery of dynamic web content, entirely new websites or micro-sites, mashups, rich media & documents.
- •Leverage existing skillsets and familiar tools to control the web sites' look & feel (e.g, Dreamweaver) or create content (Microsoft Word, Lotus Symphony).
- •Improve site consistency, quality, and accuracy with a configurable workflow capability.
- •Reduce the cost of web operations with a robust tools for easing site management.
- •Speed time to market with a rich set of prebuilt templates (e.g., news, events, jobs offers FAQs, training announcements, etc.)





Target the Right Experience to the Right User via the Right Channel at the Right Time



- Deliver highly personalized, memorable experiences that that adapt to a user's preferences, behaviors, location, relationships, device, sentiment, or even time of day.
- Enhance cross-sell and up-sell by providing tailored recommendations based on users' similarity to like-minded folks.
- Keep online experiences dynamic and relevant by leveraging campaign management tools to drive automated, personalized email and web campaigns
- Increase customer engagement by allowing users to tailor their own web experiences through drag and drop.
- Appeal to a global audience by delivering globalized and localized sites.

Personalized Experiences Drive Big Business Benefits:

- Personalization can increase conversion rates by 70% http://searchenginewatch.com/3634419
- "The majority of marketers who have implemented strategic personalized marketing techniques have seen decidedly greater success over traditional mass marketing approaches" CMO Council
- 66% of shoppers report purchasing additional products based on merchant recommendations at least once in a while, with 21% doing so most or all of the time. *Emarketing and Commerce*



Improve Customer Loyalty by Enabling Users to Socialize



- Support conversations and information sharing with and between users with capabilities such as wikis, blogs, forums, communities, ratings, commenting, tagging, shared bookmarks & files, and activities for organizing work & ideas.
- Allow users to find the right people based upon their profile: expertise, projects, responsibilities, and interests.
- Enable customers to get problems resolved quickly with click-to-chat functions.
- **Improve SEO and brand awareness** by syndicating content across the web, into other online properties, such as Facebook.





Optimize the Customer Experience to Maximize Results

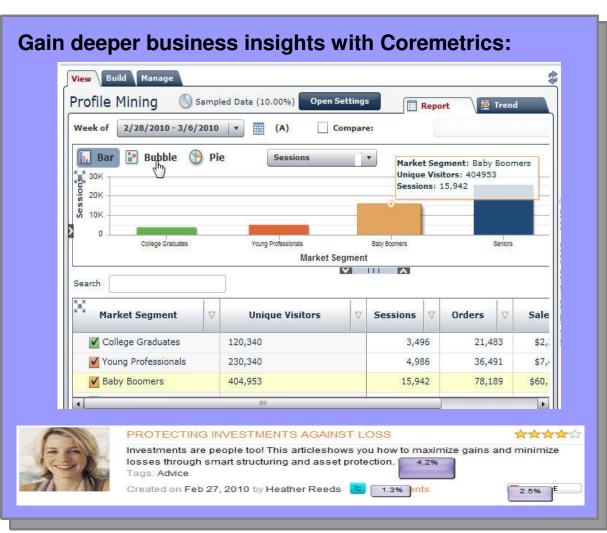


Leverage analytics to:

- Improve user engagement by measuring and then fine tuning the customer experience
- Intelligently manage your marketing resources
- Make better decisions faster

Experience Suite supports:

- •Out-of-the-box integration to the leading analytic providers: Coremetrics, WebTrends, Unica, & Omniture
- •A/B + multi-variate tools
- •Ability to create sites optimized for search engines





Realize Your Business Goals

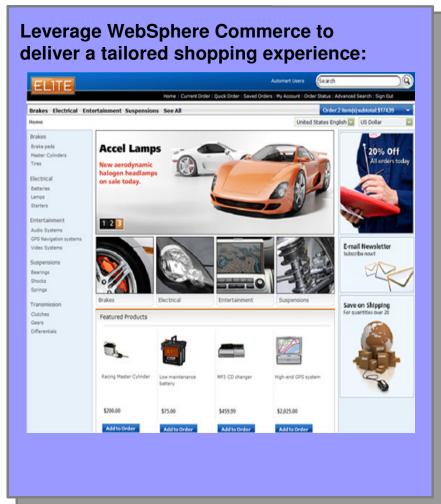


With Experience Suite, you can:

- •Improve self-service by leveraging robust tooling and integration capabilities to deliver rich, intuitive web applications that support business transactions.
- •Scale to meet the demands of new campaigns, events, & announcements.
- •Capture new leads by easily publishing dynamic, compelling offers and content.
- •And much more!

Enhance results with value-added features:

- •Further improve efficiency & reduce costs by automating paper-based processes with Lotus Forms.
- •Improve profits by converting visitors into buyers with seamless integration of WebSphere Commerce functions such as product catalog and shopping cart







Reach Customers Across Multiple Channels – Mobile, Web, Kiosk, Email...







- •Utilize built-in support for **client detection** to return the appropriate pages and content depending upon the device
- •Leverage one common theme to deliver content through the browser to deskop + mobile
- •Leverage out-of-the-box tooling to create a single application that can support both smartphones and full-sized desktop browsers.
- •Add on: Use the Mobile Module to **dynamically adapt content** to the unique display characteristics of over 7,000 different mobile device types, including smartphones



Support mobile shopping through WebSphere Commerce

Out-of-the-box mobile support included for social capabilities.



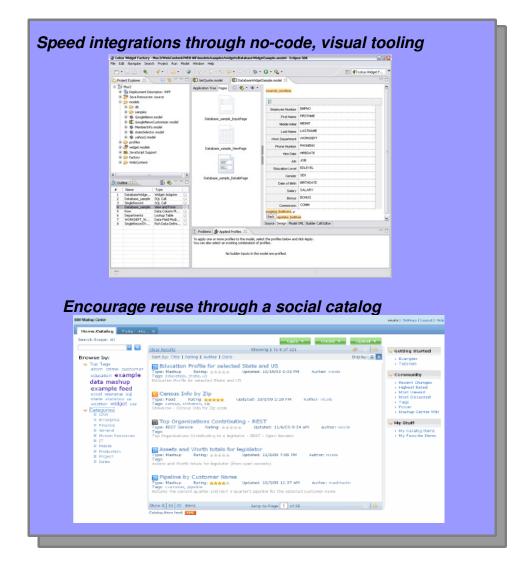


Integrate Across Heterogenous Systems to Deliver New Value





- •Deliver more personalized, relevant web experiences by leveraging out-of-the-box connectors and restful services to integrate with data sources such as SAP, Excel, Siebel, Facebook, twitter, YouTube, databases, web services, widgets, portlets, analytics systems, and much more.
- •Aggregate disparate systems into a seamless, cohesive experience by utilizing the built-in mashup and portal framework.
- •Facilitate sharing of components (feeds, widgets, pages) and speed time to market with a social catalog.
- •Encourage reuse by turning content and information into standards-based feeds and web services.







Exceptional Web Experience Advancements

- IBM Customer Experience Suite
 - Exceptional customer-facing online experiences
- IBM WebSphere® Portal, IBM Web Content Manager, WebSphere Portlet Factory 7.0
 - Further converged Portal and Web content management
 - Socially-infused web experiences
 - TCO and virtualization excellence
- IBM Mobile Portal Accelerator 7.0
 - New platforms, samples, and component tooling

- IBM Forms 4.0 with Workflow
 - Scalable Web 2.0 experiences with built-in routing
- Templates
 - Portal NOW in 16 languages
 - Mobile and eBanking
 - Retail Vendor Onboarding
- IBM Dashboard Accelerator 6.15
 - Featuring iLOG® jViews
- IBM Mashup Center 3.0
 - Open Social gadgets, Portal client side aggregation
- IBM Learning Accelerator
 - New Saba portlets



2011 Exceptional Web Experience Focus













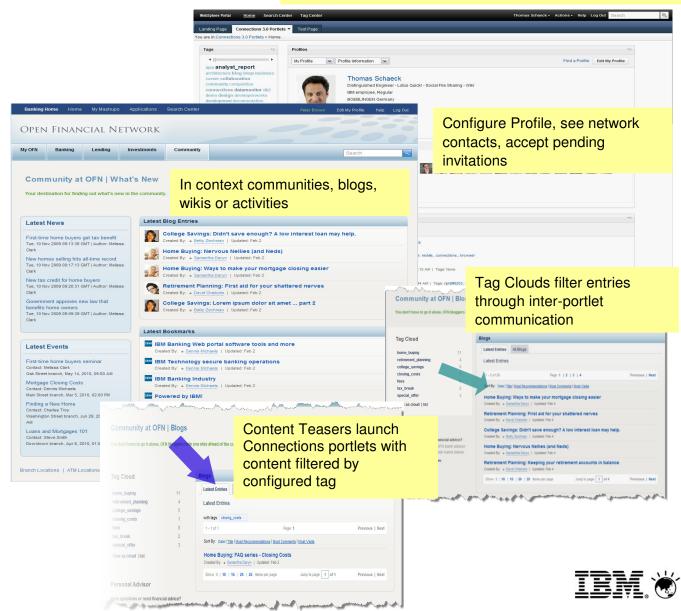


Tapping Social Communities in Context

Managing social networking integration into web properties or Portal applications

Social collaboration in the context of a portal application

- Growing Catalog of Lotus®
 Connections Integration Portlets
- Controllable access via portal profiling
- Built with WebSphere Portlet Factory, includes customizable builder code
- Supports read / write ATOM feeds using Connections REST APIs
- Dynamically filtered
- Features
 - Activities
 - Blogs
 - Bookmarks
 - Tag Clouds
 - Profiles, networks
 - Wikis
 - Doc libraries







Mobile Options

Extend & Deliver Exceptional Experiences on Virtually Any Device

CUSTOMER NEED

 ...mobile Web applications or content for virtually any mobile device browser



7,500 + **Devices**

SOLUTION



...extend a Web experience to mobile devices for specific smart phone browsers



Portal Mobile Webkit Themes

- Available today for iPhone
- Coming soon for Android, Blackberry, iPad
- Works with your favorite development tools!

- ..rapidly develop & deploy web
 hybrid mobile applications that have a native smart phone look and feel
- ..write once, run on many devices -Browsers and Smartphones, Tablets, Kiosks, even Web TV





WebSphere Portlet Factory

+ Portal Mobile Webkit Themes

Q1 2011 Beta Preview







Analytics Support Available Today

Active, Client-Initiated Site Analytics

- Out of the box instrumentation of data collection tags to capture user profile and behavior information
- 17 Tags for web analytics reporting
 - Any page rendering action in the browser.
 portal pages, portlets, Web content, Site searches, user entry and exit points, referral URLs
- Customizable administrators can modify or turn on the insertion of appropriate scripts onto pages, portlets, or Web content

- Who is coming to my site?
- How did they find it?
- What are they doing?
- What did they search for? Did they find it?
- What are the most popular areas?
- What are the most popular topics/content?
- What if I try this image vs that image?
 Do more people click on it?
- What if I pick content with Rule B instead of Rule A?
- Are they using the benefits tool?

Server Side Analytics

- Users requesting pages, incl. contained Portlets
- Session activities (login, logout, timed out, login failed)
- Page management (creating, updating, deleting a page)
- User Management actions (creating, updating, deleting users and groups)













Jump-Start Templates Speed Time-to-Value

- Extensible, Configurable Software Templates
 - Software to accelerate solution construction for specific business needs
 - Prebuilt collaboration components, Portal sites and structure commonly used in a target industries
 - 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

Healthcare Patient Portal



Portal, WCM

Government Self Service



Portal, WCM, Forms

Online Banking



Portal, WCM, Connections, ST

Retail Vendor Portal



Portal, WCM, Forms, ST

Insurance Agency Portal



Portal, WCM, Forms, Connections, ST, Dashboards

Web Experience Integration Modules



Customizable Source Files for Common Integration Scenarios

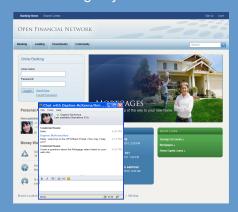
Available as component downloads from Greenhouse catalog

http://www-10.lotus.com/ldd/portalwiki.nsf/dx/Reusable assets and resources for WebSphere Portal



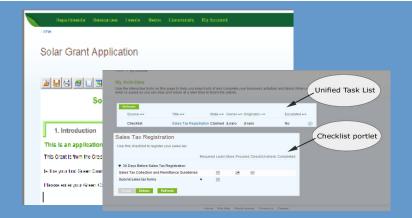
Account Registration and Self Care

Models provide a presentation layer where portal users create, modify, or delete data in the user registry.



Live Chat

Portlet featuring ST chat integration



Unified Task and Check Lists

Aggregate tasks from multiple systems into a single UI. Users can complete to advance workflows or launch an inline eform



Web Content Template Catalog

A quick start for creating dynamic Web content when creating portal sites.



eBanking Portlets

Customizable transaction and similator portlets for a range of e-banking services for both web and mobile devices



Appointment Scheduling





Portal & WCM NOW

Software Asset and Deployment Method Delivering Production Intranets and Websites in Just Weeks

What are the "NOW" Assets?

- Reusable, customizable Portal and WCM software templates
 - Easily configurable to fit many customer use cases for a rich content portal
 - WebSphere Portal structure with Web 2.0 themes
 - Pre-configured WCM with support for rich text editing
 - Ready to use services, application or web links, feeds, ST contacts, documents, people finder, Google gadgets
- A proven, predictable deployment methodology speeds time to production



New News

- New version 3.0 software asset
 - Turnkey interoperability with Industry
 Templates and WebSphere Portal 7.0
 - Helps customers consume solutions at their rate and pace – start small and grow
- New WCM NOW template for customers who want an interactive website but lack skills to manage and deploy





Exceptional Web Experiences Recognized



Lufthansa – Customer Site 2010 WEBAWARD - Web Marketing Association (Best Airline Website)

RBC Royal Bank – Online Banking Site 2010 Surviscor's Online Banking scorCard (Winner)

Brocade Communications – B2B Site 2010 WEBAWARD - Web Marketing Association (B2B & Technology Standard of Excellence)

US Tennis Association – US Open Site 2010 Webby Award Nominee – Event Site (Finalist)

Saudi Shoura Council – eGovernance Portal 2009 Best Website for Parliaments (Winner)

Duke University Health System – Patient Portal 2008 Healthcare Informatics Innovator (Finalist)

HSBC Bank Brazil – Employee Portal 2009 Intranet Design Award, Nelson Norman Group (Recipient)

US Army Publishing Directorate – Army Action Tracking System 2009 Army Knowledge Management Award (Winner)

City of Gothenburg – Citizen Portal 2009 GT Newspaper Achievement Award (Recognized)

Los Angeles County – Municipal Portal 2009 National Association of Counties Achievement Award (Winner)

Bharti Airtel – Mobile Portal 2008 Strategy Analytics Wireless Media Lab (Best Portal)

Miami-Dade County – Housing Central Portal 2007 Digital Government Achievement Award (Winner) **Boston Medical Center – Patient Site** 2010 WEBAWARD - Web Marketing Association (Outstanding Website)

International Enterprise Singapore – G2B Site 2010 WEBAWARD - Web Marketing Association (Government Standard of Excellence)

Tyco International – B2B Site 2010 WEBAWARD - Web Marketing Association (B2B Standard of Excellence)

Finnair – Customer Site 2010 WEBAWARD - Web Marketing Association (Airline Standard of Excellence)

Cars.com – Customer Site 2010 WEBAWARD - Web Marketing Association (Automobile Standard of Excellence)

IBM – **developerWorks** 2010 Forrester Groundswell Award – Forrester Research (Winner: B2B division)

IBM – **developerWorks** 2010 US SMB Social Media Marketing Award – AMI-Partners (Winner: Community Development award)

U.S. Nuclear Regulatory Commission – Electronic Information Exchange 2009 Excellence.Gov Award (Finalist)

Spatial Information eXchange Portal 2008 Delivering the plan – Business (NSW Premier's Gold Award)

State of Missouri – Emergency Response Information System Portal 2008 Computerworld Honors (Laureate)

City of Helsinki – Citizen Portal 2007 UN Report: Digital Governance in Municipalities (#1 in Europe)

Lotusphere and InformationOnDemand Come to You Exceptional Web Experiences Deliver Better Business Outcomes

Technology advantage

Business advantage

Conversation spectrum

Growth

- HSBC realized a 35% improvement in marketing campaign revenue
- Bharti-Airtel grew subscribers from 6 million to 110 million in six years while providing quality services and support online
- Lufthansa supports 16,000 customer check-ins/day. In 2008, 3.7 million online flights were booked, growing by 37% in 2009



Customer Satisfaction

- Lufthansa handles 10,000 people making travel requests every second
- LA County offers a consistent online experience across 38 departments for 10.4 million constituents
- Boston Medical increased referrals by 30% and reduced no-show rates by 10%
- Woodmen of the World reduced call center support calls by 30%



Efficiency

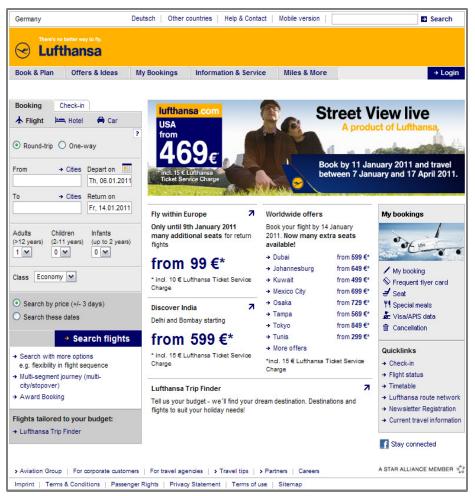
- Miami-Dade County saved \$1 million per year in labor costs
- US Army saves \$1.3 Billion per year supporting 1.4 million Army personnel
- Harley-Davidson improved IT efficiency by 80%
- Wimbledon efficiently scaled its website to serve 12.3 million people in 2009, 23% more than in 2008





Exceptional Web Experience:

Lufthansa



Attracting and retaining more customers while differentiating the Lufthansa brand & site



Business Need

- Attract more customers
- Deliver a consistent and sophisticated brand image
- Encourage brand interaction and build brand loyalty

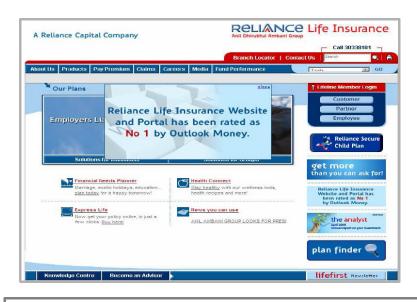
- Delivers a personalized web experience for millions of customers 80+ countries & 12 languages
- Supports 16,000 customers check-ins/day, and 3+ million online ticket sales/year
- Showcases a single, consistent brand image across 4 different online presences



An Exceptional Web Experience Delivers Superior Customer Service



Differentiating by offering fast & reliable service that better anticipates & caters to customer needs



Business Need

- Leverage existing customer & financial data to improve delivery of marketing & sales
- Utilize self-service to gain the advantages of speed to market and agility over more branddependent competitors

Real Results

- Delivers insights that enable the company to optimize products and bring them to market in half the time, leading to 100% year-on-year growth in premiums
- Reduced customer and agent service costs by nearly 50%
- Links the web portal with core insurance systems in near-real time, powering self-service infrastructure that saves the company millions of dollars

Lotusphere and InformationOnDemand Come to You Exceptional Web Experience:

Bekins Van Lines





Objective:

Reduce/eliminate field paper work

Solution:

- WebSphere Portal
- IBM Mobile Portal Accelerator

Business Benefits:

- More accurate reporting
- Less time spent waiting at cargo bays and drop off locations
- Reduction of inbound calls to dispatchers
- Better customer and driver satisfaction











Questions?







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IBM Smarter Business and Technology Series

Lotusphere and InformationOnDemand Come to You

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