Enabling Business Flexibility: Building the platform for business value

Lisa Blalock – Portal Solutions – North Europe



Do you want to



Increase
User
Productivity?



Increase

Team

WebSphere. software

Portal 6
Portal 6 Express

self Service

Increase

Business

Efficiency?

Responsiveness

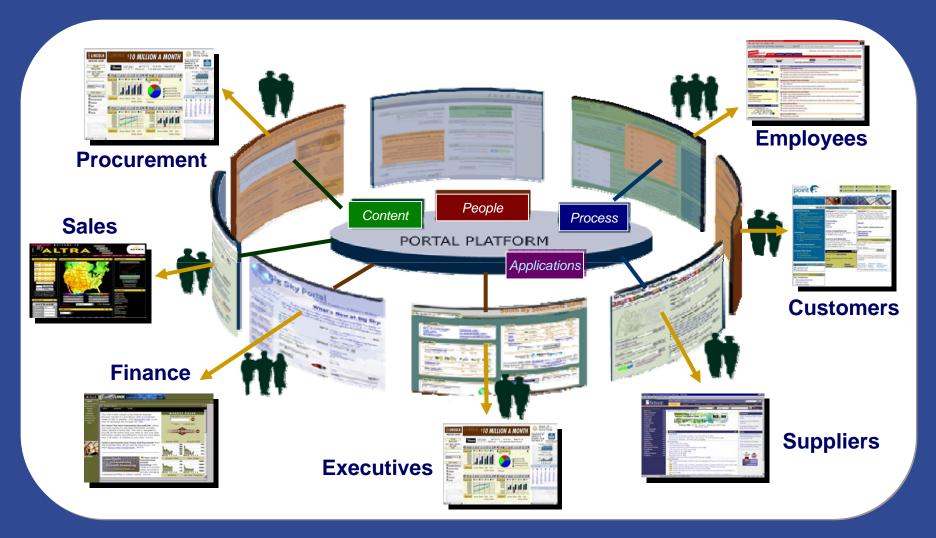
& Flexibility?

Composition



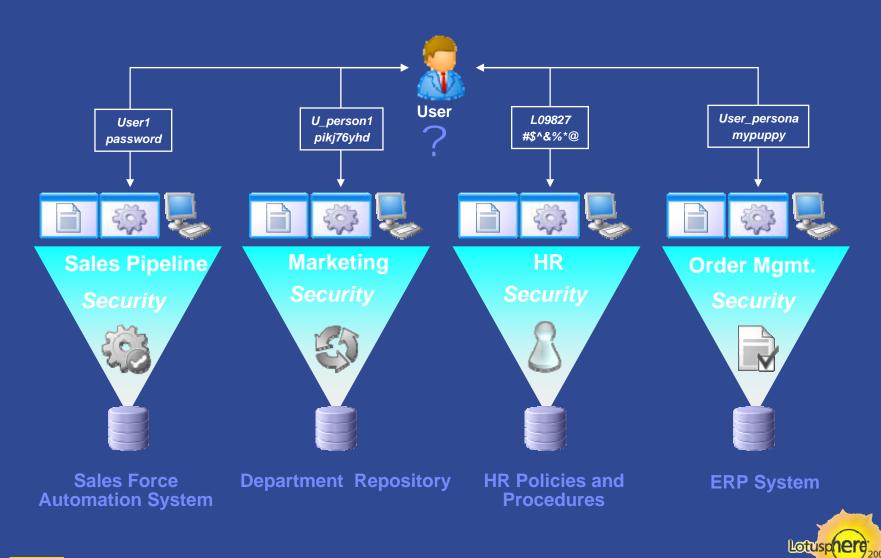


Deliver Personalized Information to a Broad Community



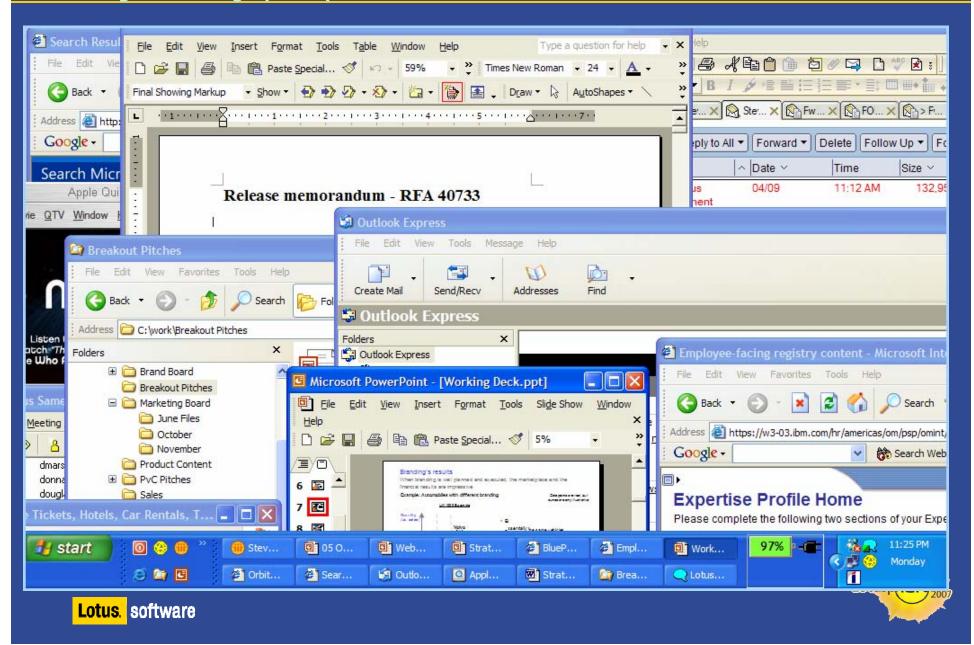


The Usability Challenge Applications and information are delivered in silos





Today, many people work like this...



The Answer to the Problem

An environment that adapts to the needs of each user, in their role

Composite Applications



Digital Dashboards

Geo & Dept-Based Internationalization



Role-based, Single Sign-On

Common Security

Sales Pipeline



Sales Force Automation System

Marketing



Department Repository

Human Resources



HR Policies and Procedures

Order <u>Ma</u>nagement



ERP System



Understanding IBM's View of SOA

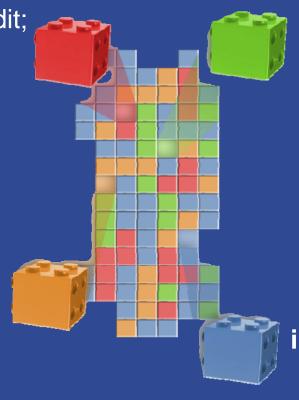
A Service

A repeatable business task –

e.g., check customer credit; open new account

Service Oriented Architecture (SOA)

An IT architectural style that supports service orientation



Service Orientation

A way of integrating your business as linked services and the outcomes that they bring

A Composite Application

A set of **related & integrated** services that
support a business
function



Service Oriented Architecture: the blueprint for change



"Service-oriented architecture deployments are increasing and becoming a mainstream architectural model for developing services, applications and infrastructures."

"Effective Web Services and SOBAs Require Management" Frank Kenney, Gartner September 28, 2004

Why SOA?

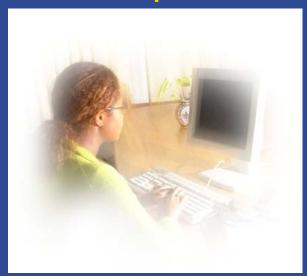
- Flexibility
- Facilitates re-use of existing applications
- Supports effective business process implementations
- Designed for change



Aligns Business and IT goals to grow revenue and contain costs

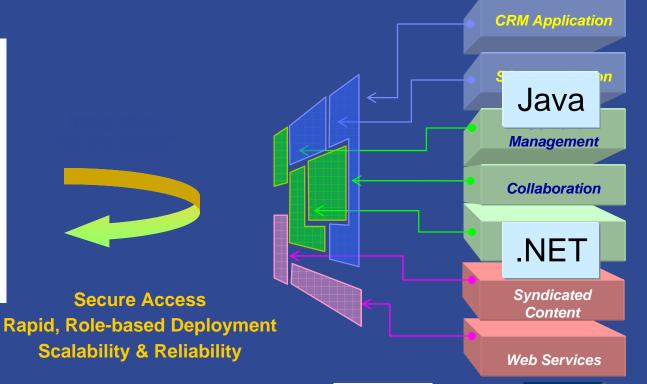
WebSphere Portal as your SOA User Experience

User Perspective



- Collaboration
- Customization
- Personalization
- Dynamic Navigation
- Single Sign On
- People Awareness
- PDM/Content

Lotus. software



Windows SharePoint Services

ORACLE'



IT Perspective

PeopleSoft.

A Business Problem

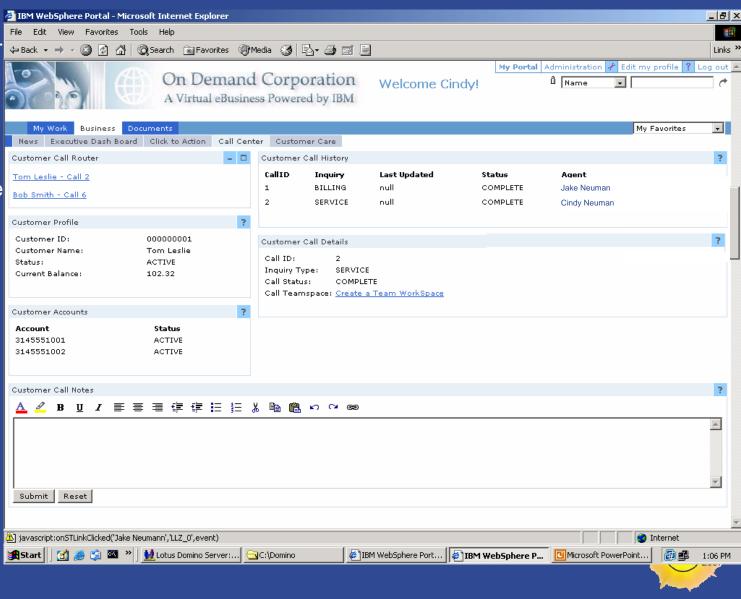
The Call Center

 Info from call Router portlet can populate the call center employee's desktop

 Productivity is improved by integrating disparate applications and allowing focus to remain on the customer

A Composite Application

Lotus. software



New Business Requirement

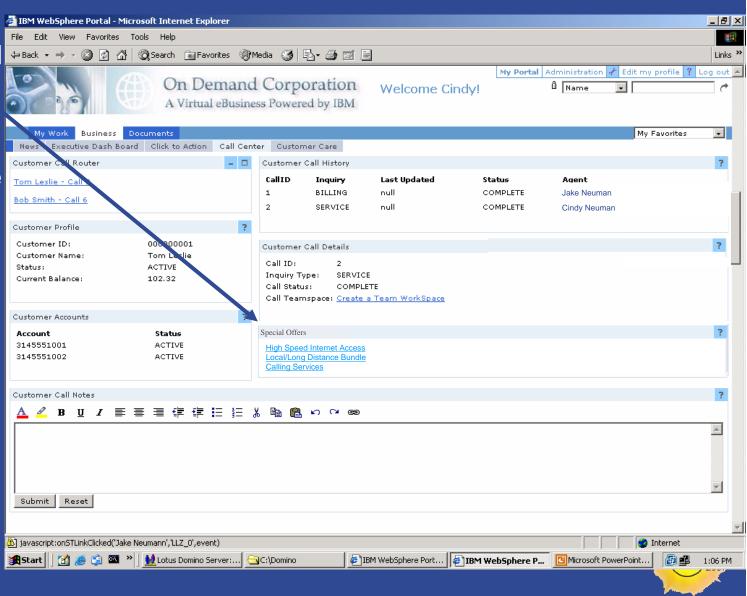
Increase Sales

Add the needed component

"Wire it" into the application

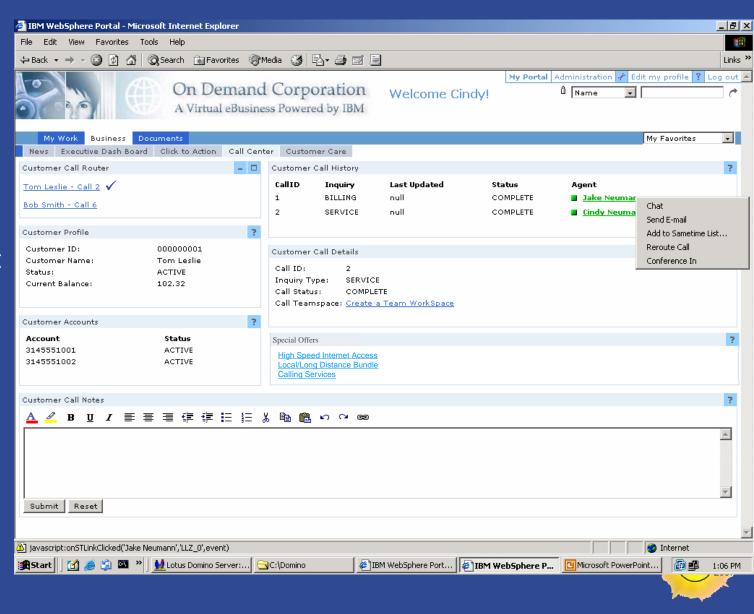
Composition instead of programming

Lotus. software



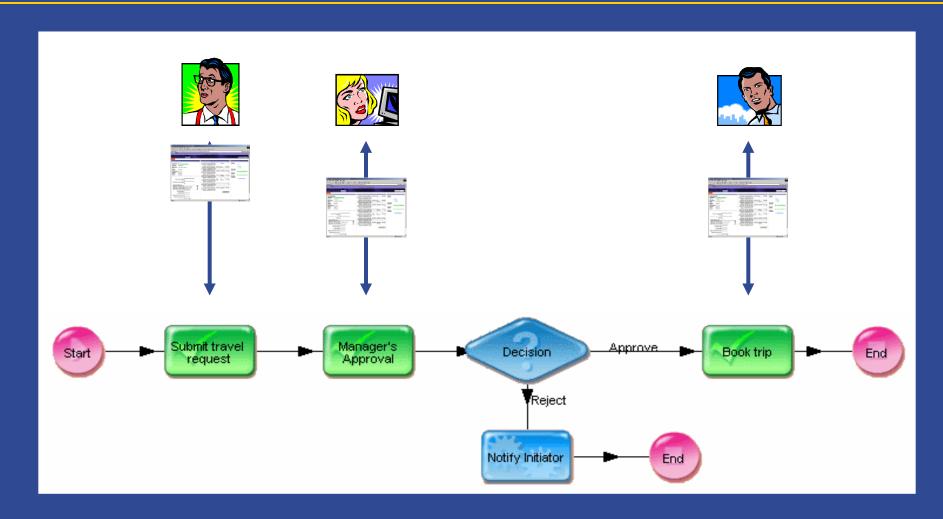
An Example of Collaboration in Context

- Use Sametime from within a component
- 'Buddy' is in context of application, not people you actually know
- User stays focused on the application

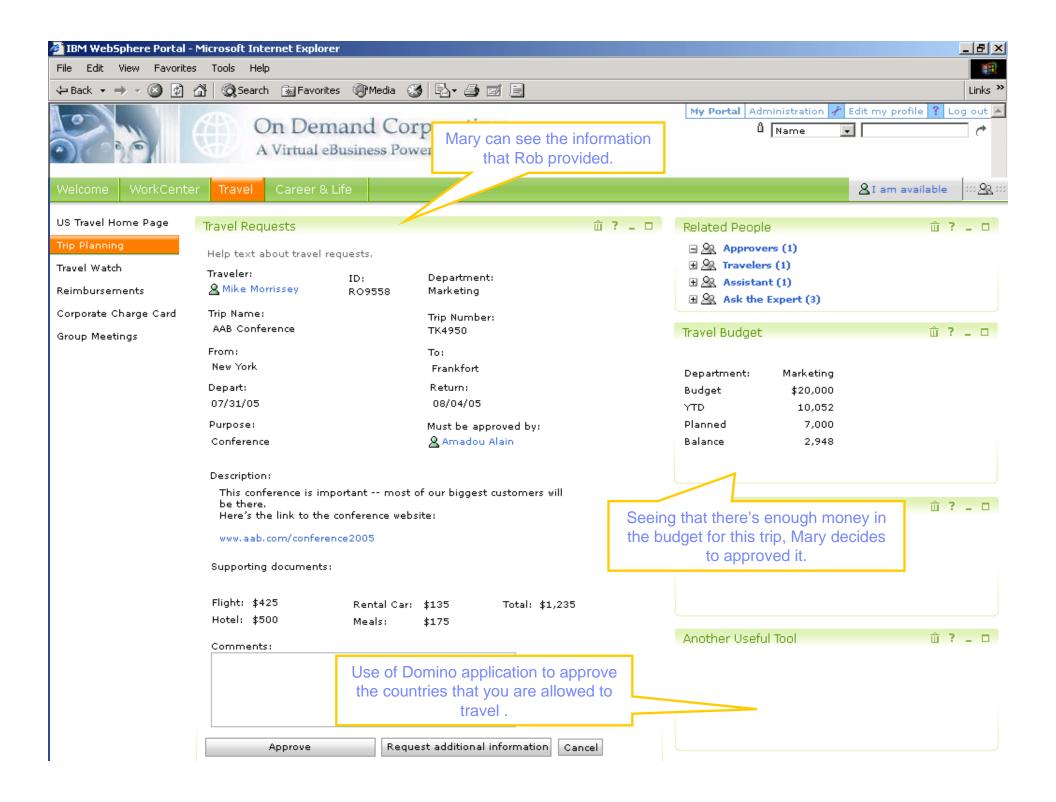


Lotus. software

Travel Booking







Components can be built with a variety of tools, and developer skills. Components can be built independently from assembly.



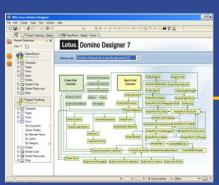
3270 and iSeries screens converted to portlets via HATS



WebPage/WebClipping



Composite built with Portlet Factory



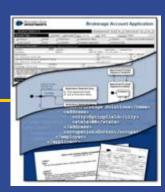
Notes applications built with Domino Designer

Lotus. software



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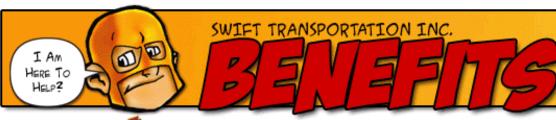
Collaborative applications built with Lotus Component Designer



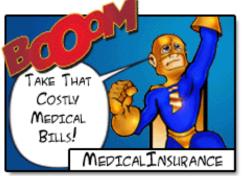
e-forms built with Workplace Forms Designer



Eclipse component built with Rational RAD









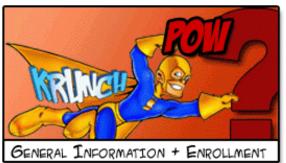


















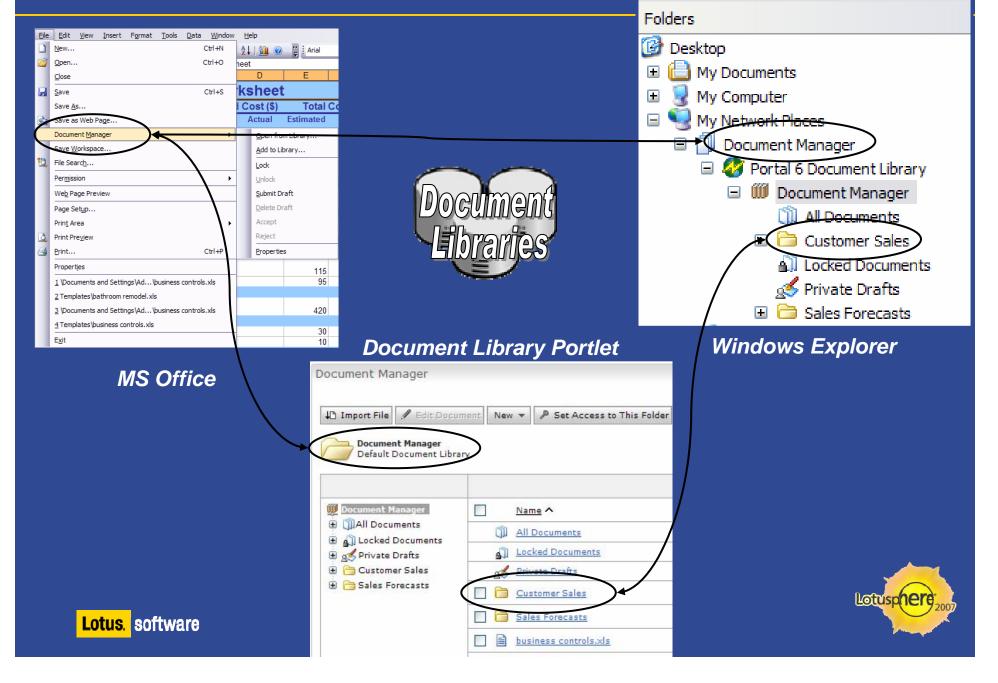








Portal Document Libraries



Increasing Organizational Effectivenes

| _ | |
|--|---|
| Business Capabilities | Business Benefits |
| Role Based Process / Application / Content Integration | Role based solutions maximize user productivity, improve user responsiveness, reduce errors, etc. |
| Dynamic People Based Task Mgmt. / Wo | People focused task management speeds processes, improves process quality, provides visibility to people based tasks (get processes out of email) |
| Dynamic Dashboard / Scorecards | Proactive dashboards/scorecards drive enhanced decision-making, improved exception management in context of business processes (versus standalone BI systems) |
| Team Collaboration | Greatest value is having all the above within a single framework versus one-off point tools that create further silos and disjointed user experience |
| Lotus. software | 2007 |

TransAlta - Energy & Utility Dashboard -

Proactive Operations Management and Problem Resolution Dashboard

- SOA Example
- Role Based
 - **Executive Mgr.**
 - Plant Manager
 - ▶ E&H & Safety
 - Operator View
- SOA
 - Web Services
 - Legacy Integration
 - Collaboration / Domino
 - ▶ IBM Middleware
- Alerts
 - Workplace
 - Instant Messages



Improve Customer Satisfaction



Business Capabilities

Business Benefits

Online customer self service

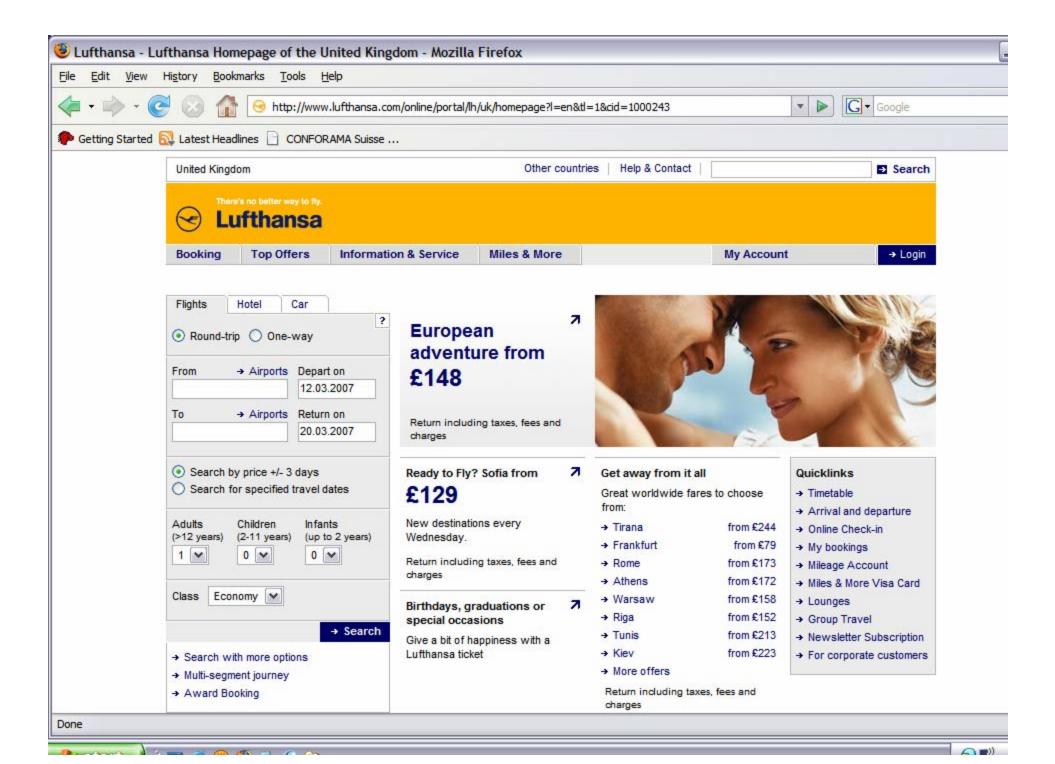
Cost effective, fast way to repurpose internal employee facing application and content services to be used by customers for online self service

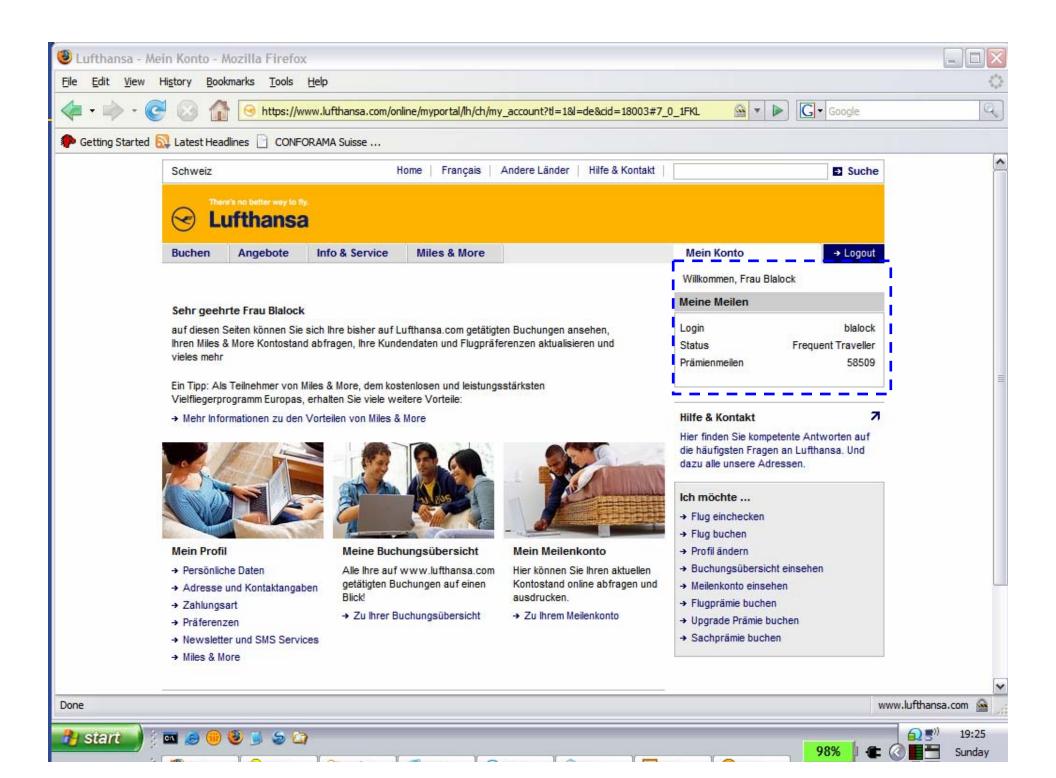
Business-to-customer and employeecustomer integration and real time collaboration Cost effective, fast way to surface secured application, content and collaboration services to customers

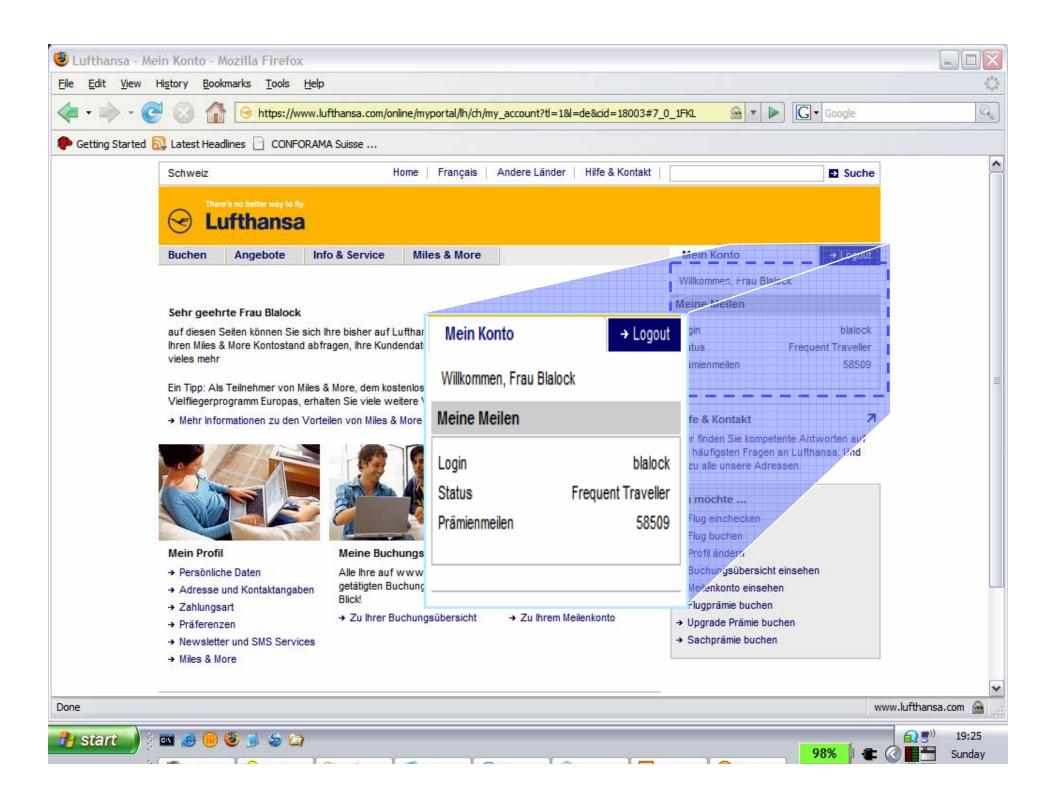
Consistent and reusable content intern and externally

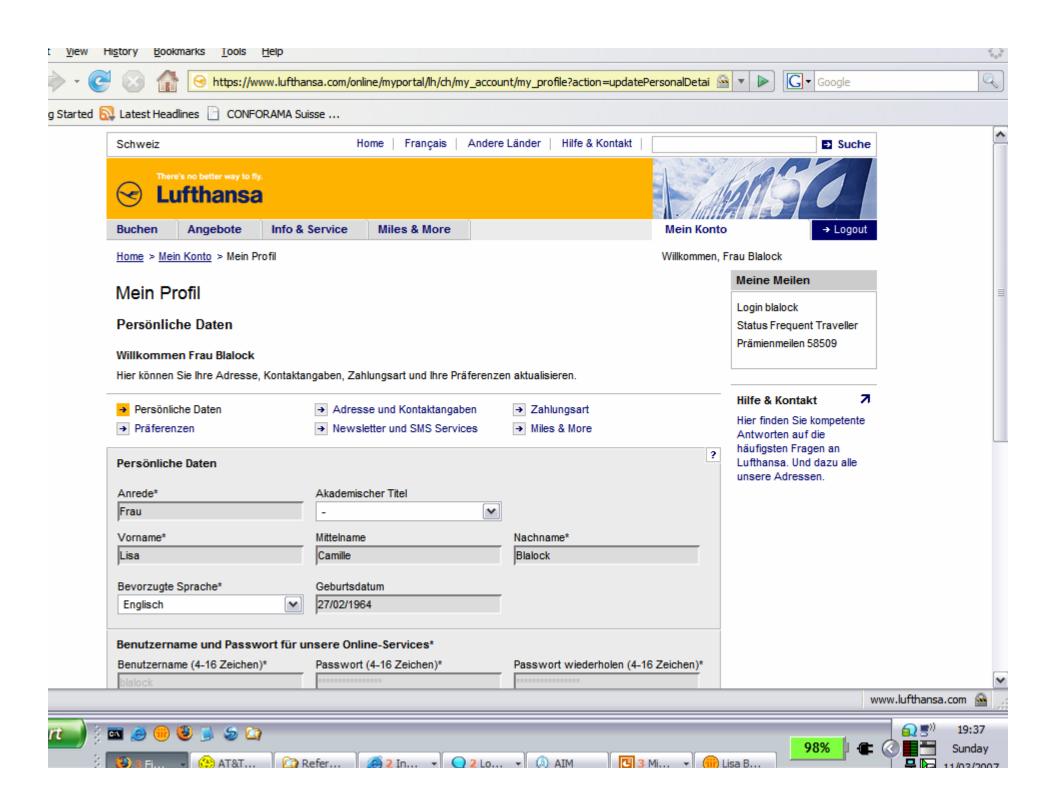
Reduce costs and improve content quality/accuracy by repurposing content across internal and external sites

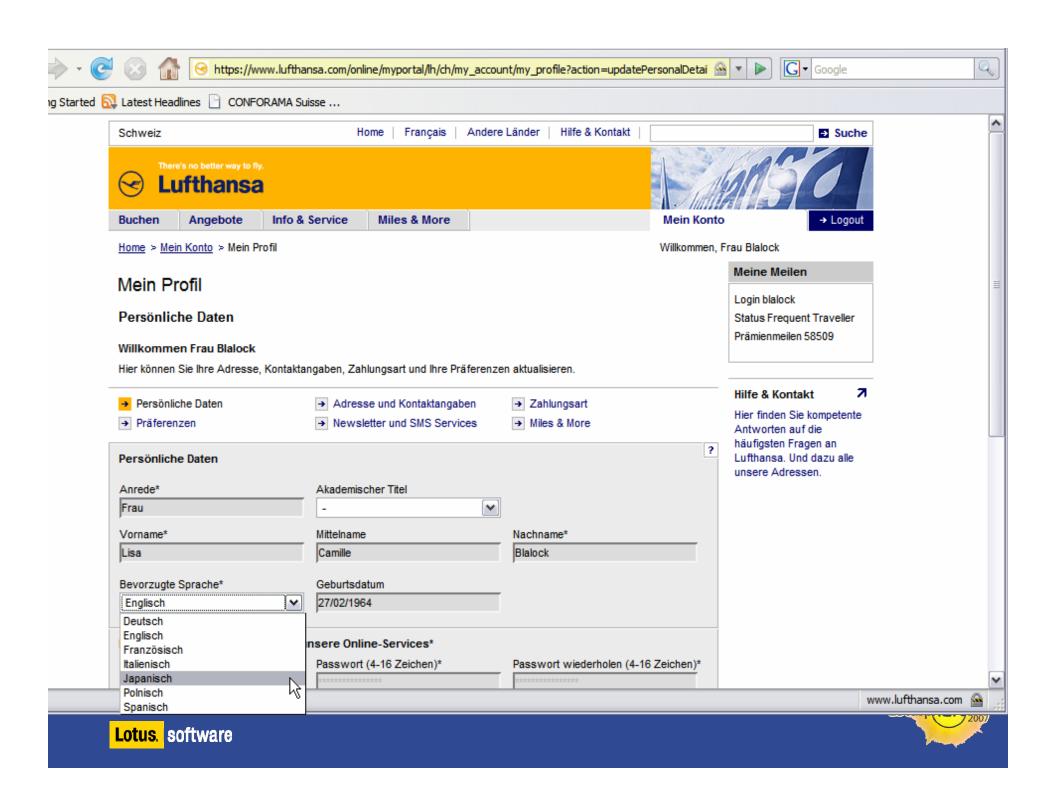














Extend the Value Network



Online Partner Self Service

Cost effective, fast way to enable supplier, dealer and channel self service and overall value chain integration

PLM and Engineering Supply Chain Integ

Improved product development, and quality control via PLM, Engineering, and Procurement collaboration

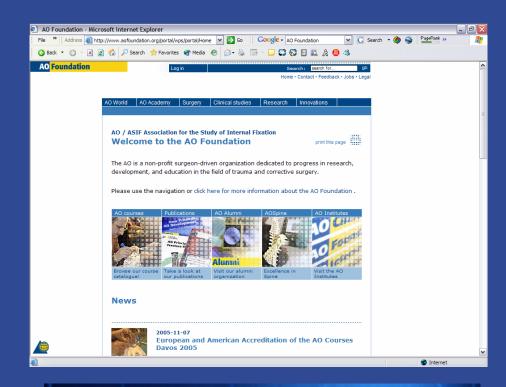
Channel Integration (Dealers, Distributors

Improved sales effectiveness, warranty processing, etc. via integration with channel dealers, distributors



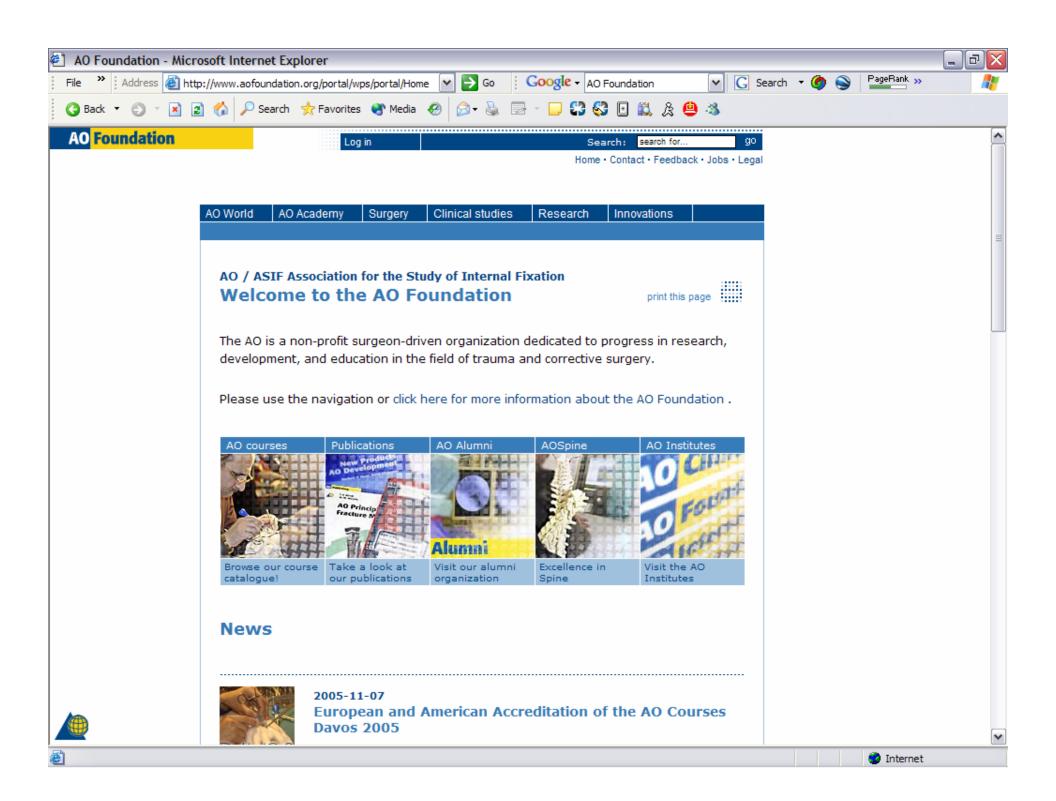
AO Foundation: Trauma & Corrective Surgery

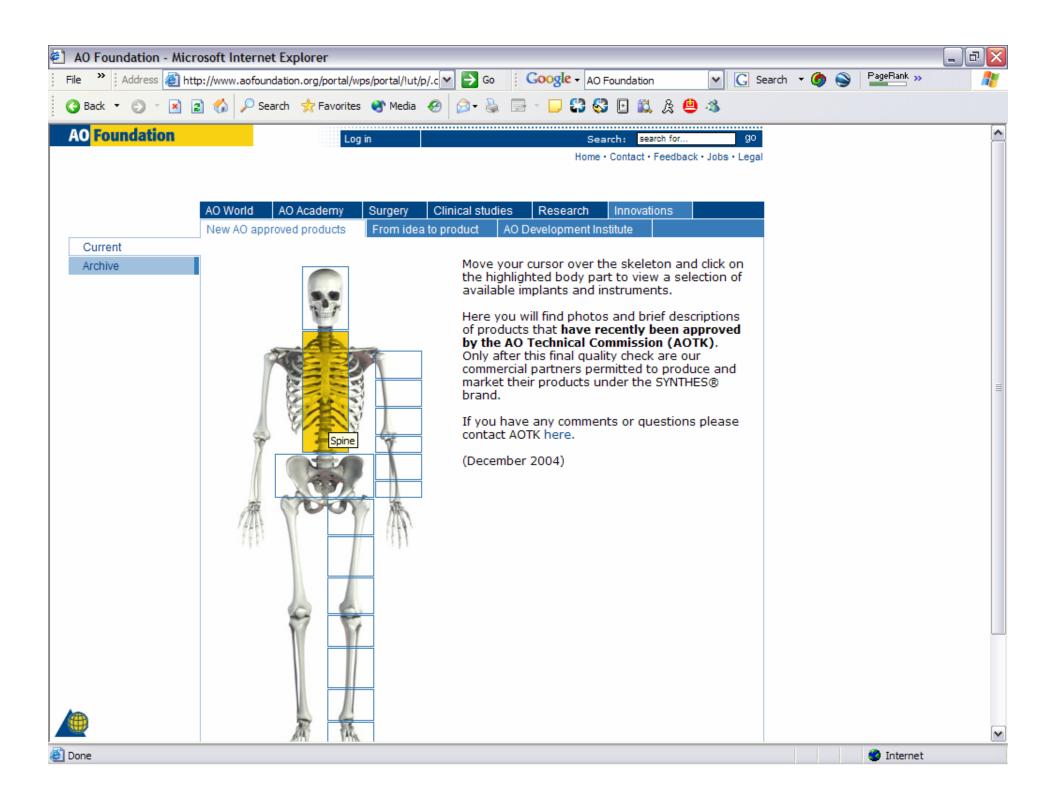
- AO Foundation
 - WebSphere Portal & IBM WCM
- Surgeon Driven Community
 - Courses & Training
 - Publications
 - Alumni Directory
 - Clinical Studies
 - Research
 - Approved Surgical Products
- Collaborative Community
- Anonymous Access
- Secure Login

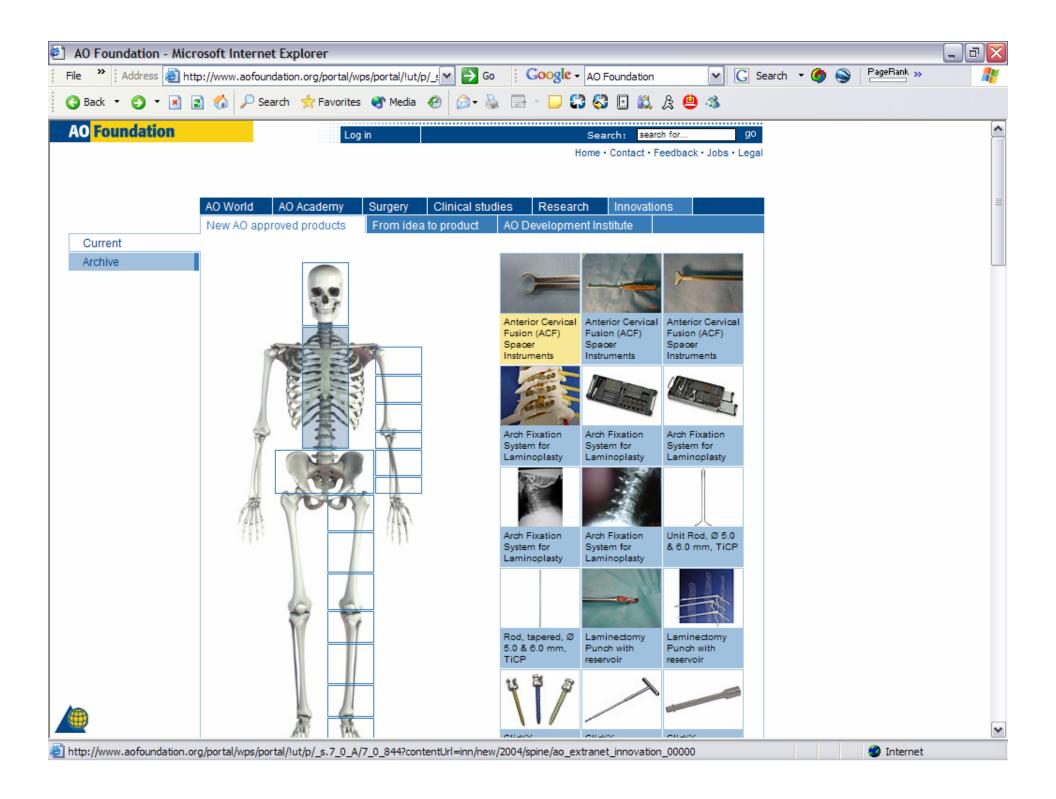




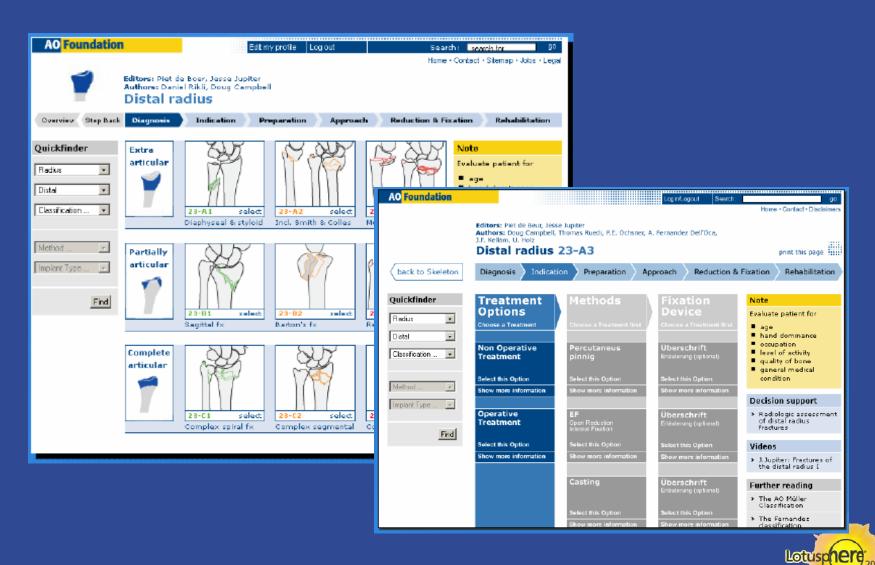


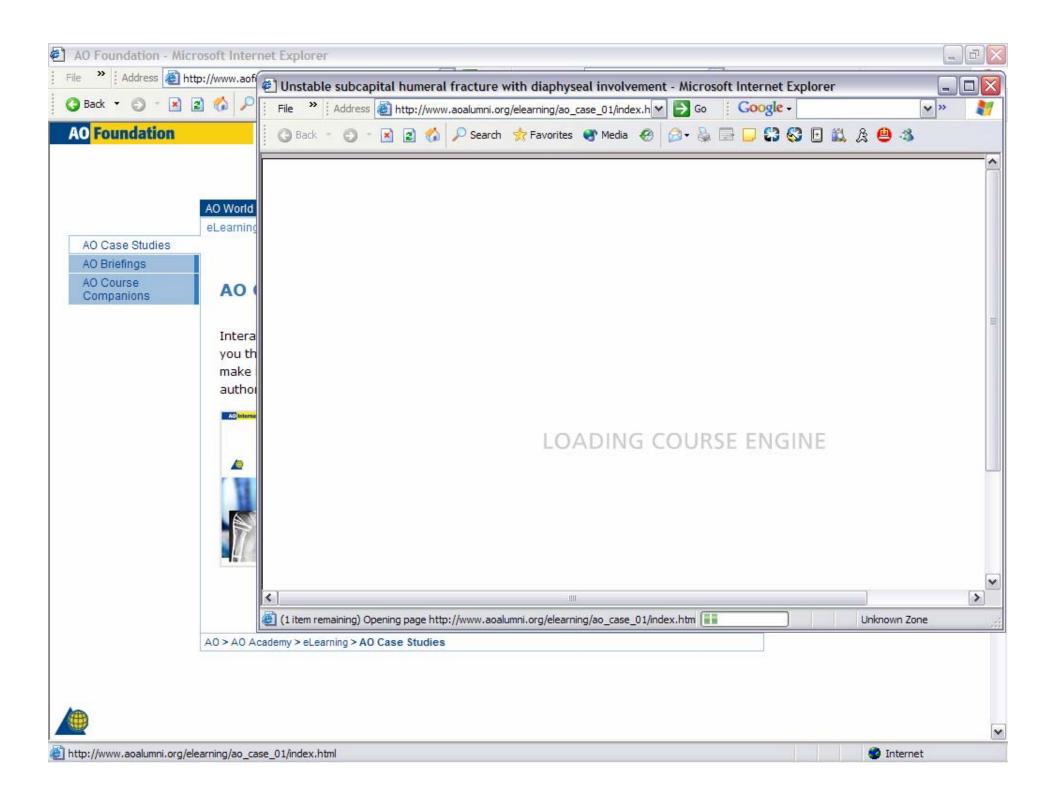


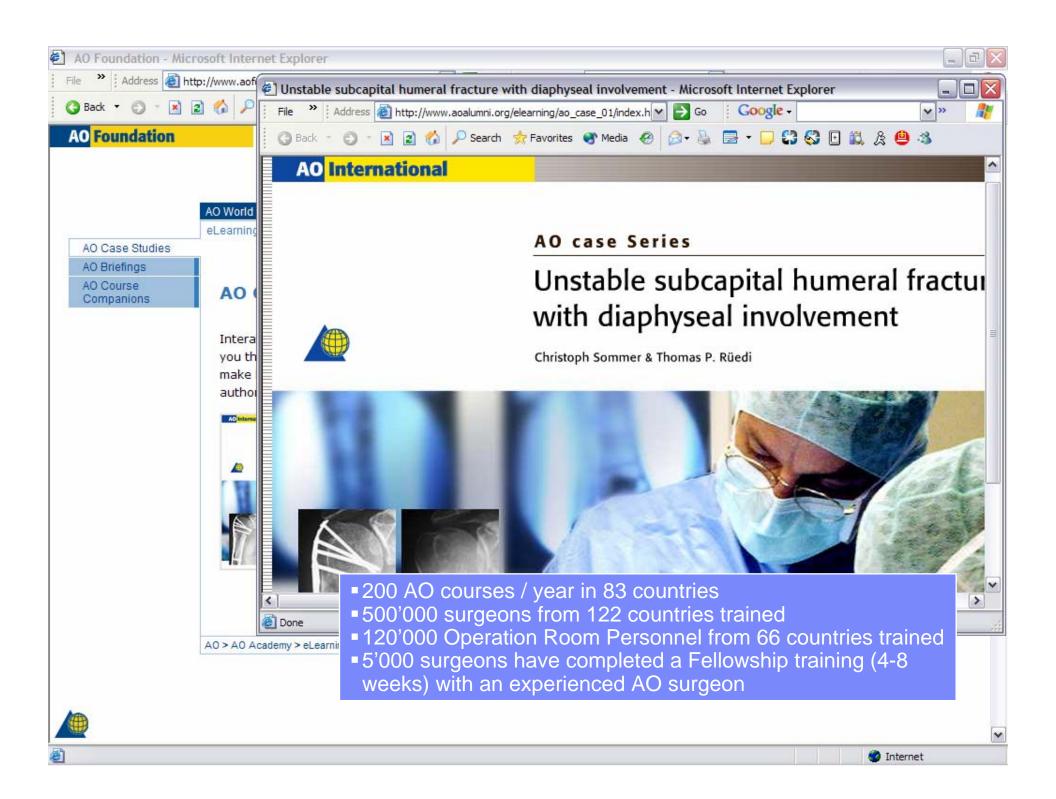


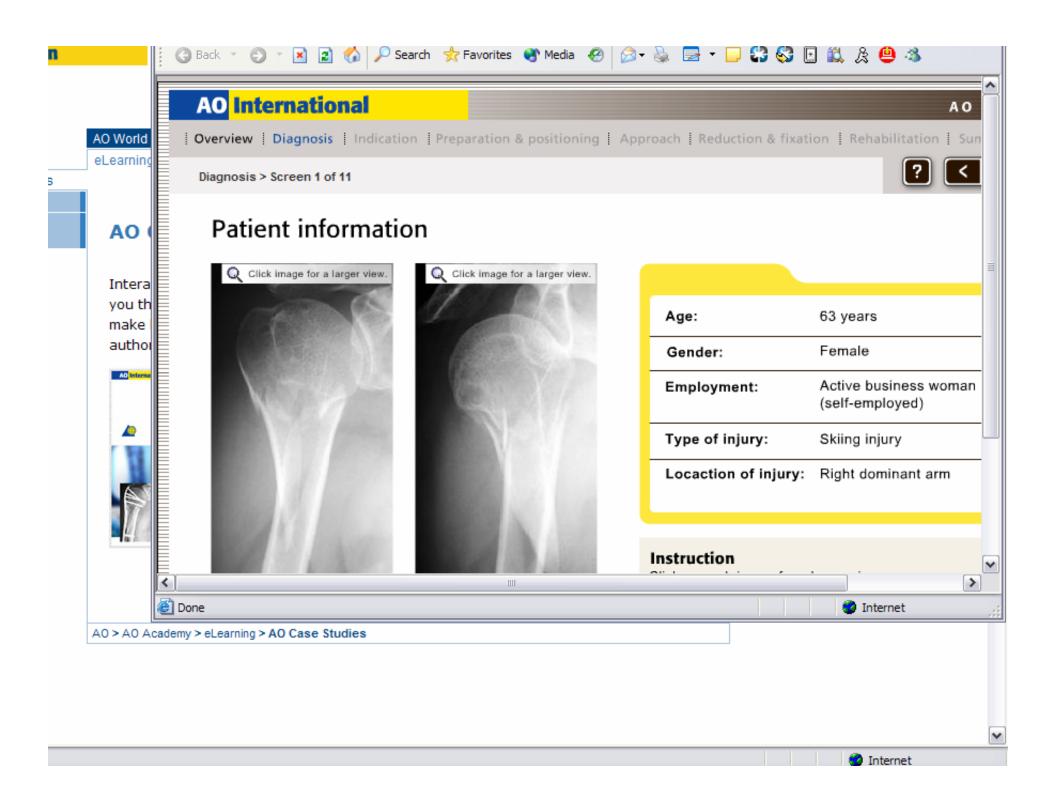


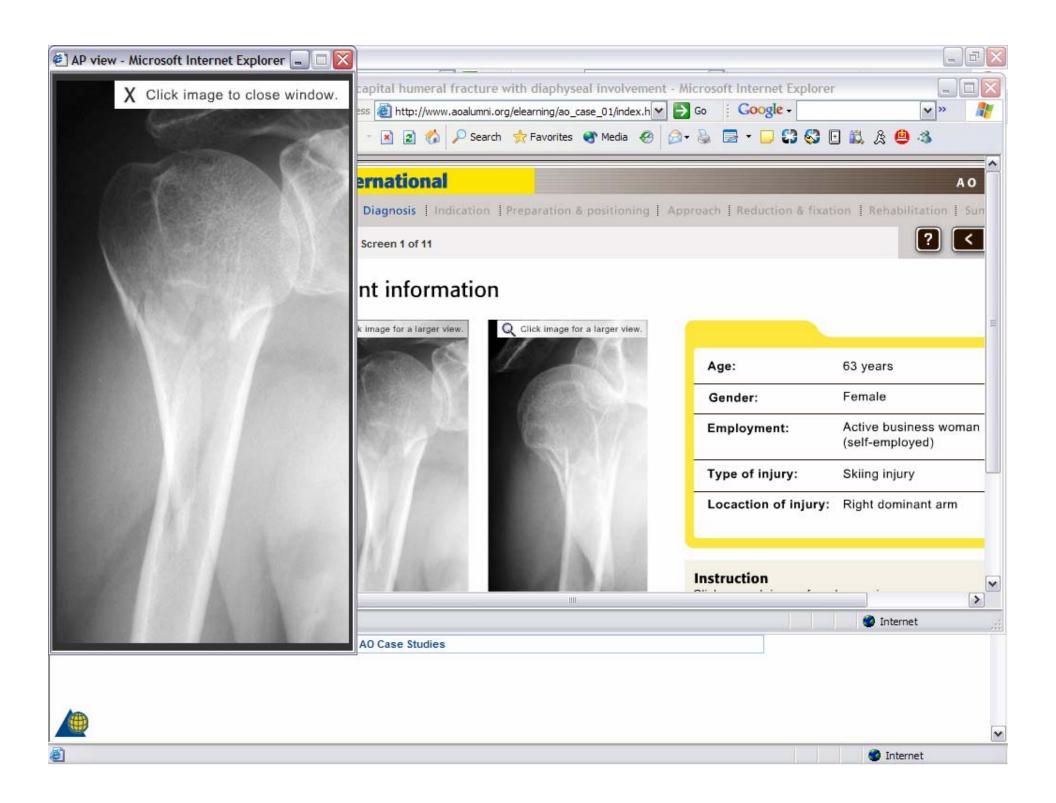
Knowledge is structured along the surgical management process











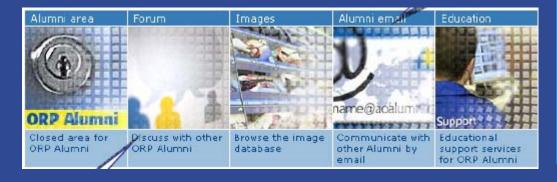
Knowledge Exchange is done via Collaboration

Services

- E-mail Services
- Discussion Threads
- Case Discussions

Products

- WebSphere Portal 5
- Documentum 5.2
- ▶ TAM
- Domino 6.5
- Sametime & QuickPlace







Improve IT Responsiveness and Business Alignment

ness and

Business Capabilities

Business Benefits

Portal Service Reuse

(e.g. User Interface, Personalization, Security Integration, Admini

Reduction in app design/dev/deploy cost and time via reusable services and reuse of portlets

Portlet Reuse / Portlet Catalog / Portlet B

Reduction in development cost/time through portlet builders, dashboard builders, etc.

SOA Ready

Faster realization of SOA vision by providing standard framework to surface backend services



Summary: Portals provide value to business

Productivity — Logon once, and find what you need (documents, applications, people, processes) when you need it, customizable by the person, not by I/T.

■ **Focus** — Filtered and personalized information, and the ability to act on it

Innovation – Bring together information, ideas and people and rapidly support new business models.





...and also provide value to I/T

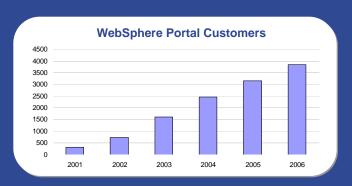
- **Speed** Shortens application development time, shortens time-to-value delivering new function.
- Responsiveness Allows the building of composite applications using SOA components or LOB applications to meet constantly changing business requirements.
- Flexibility Built on open standards and extensible architectures. Allows use of virtually any application on any device, and run it on any client or server platform.





2006 Portal Highlights

- WebSphere Portal continues to lead in customer licenses, adding 650 New Portal Customers in 2006
- IBM continues to out execute the competition and demonstrate market leadership (#1 Enterprise Portal for 5 years – 2006 Gartner Magic Quadrant Report)
- WebSphere Portal Solutions is gaining significant traction with business solutions
 - Over 200 new Web Content Management customers in 2006
 - Almost 100 new WebSphere Dashboard Framework customers in 2006



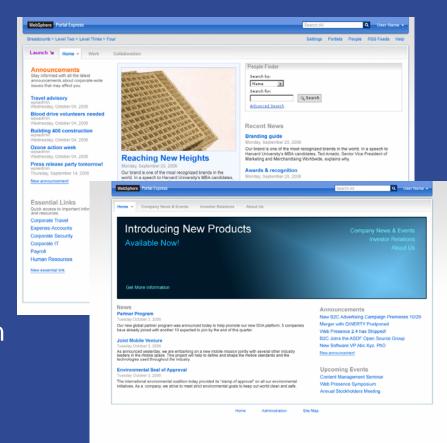






Introducing WebSphere Portal Express Version 6.0

- Allows a business to share information, collaborate and make better decisions.
- Targeted at the small and medium business, or departments of larger organizations with under 1000 users
- Easy to acquire all the collaboration capabilities needed in a single purchase.
- IBM's next release of WebSphere Portal Express and WebSphere Portal Express Plus





What's under the covers?

- IBM WebSphere Portal Version 6.0.0.1
 - Including Portal Document Management and Workplace Web Content Management
- IBM WebSphere Application Server Network Deployment V6.0.2.15
- IBM Tivoli Directory Server Version 6.0
- IBM DB2 UDB Express Edition V9.1
- IBM Lotus Component Designer Version 6.0
- IBM Lotus Sametime Connect 7.0 for Browsers Client
- IBM Lotus Sametime Connect Version 7.5 (server)
- IBM Domino Server



How to get started?

- The most important consideration where you are right now, where you need to go to align with your business needs.
- There are many potential starting points
 - ▶ Pilot
 - ▶ Add to existing initiative Use portal on an I/T initiative that is in early stages.
 - ▶ Add to existing system Expand an existing portal or your IBM software infrastructure with new capabilities offered by portal.
 - ▶ Build a business case Further define the needs, gain consensus, build a portal visualization and/or an ROI model for a portal initiative (A Business Value Assessment from IBM can help)
- Additional useful information
 - Have Lotus collaboration strategy presentation
 - ▶ Have product presentations/demonstration on portal and/or related products of interest
 - Read Client Case Studies on WWW
 - Meet with an Architect to discuss how products fit into current infrastructure/architectures
 - Read Business Value Assessment Brochure and meet with an Business Value Consultant.



Thank You

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A&D



