

Oracle Enterprise Content Management & E2.0 solutions Andreas Stellatos – Principal Sales Consultant – ECM/E2.0 - SEE & Turkey

Agenda

- Introduction
- The Solutions
 - ECM & Portals
 - Unified Workplace & Context Separation
- ECM & Enterprise 2.0 : The Convergence
- Summary



Introduction



The organisation is changing







Hierarchies

Teams

Networked Communities

- Formal Work Domains:
- Operations, Performance Mgmt
- Human Resources
- Geographical Divisions
- Procurement, Marketing, Sales, Manufacturing, ...
- Define organisational boundaries
- Rigid, Hard to Change

- Defined Work Domains:
- Virtual Teams
- Organised
- Task Oriented
- Problem Solving
- Communities of Practice
- Cross organisational boundaries
- Closed membership

- Informal Work Domains:
- Common Interests
- Self Motivated
- Innovative, Unconstrained
- Expertise Networks
- Knowledge Communities
- Outside organisational boundaries
- Open membership

Transformation of the Workforce

The Digital Generation



Enter the Digital Generation

- More tech-savvy than ever
- Used to high bandwidth connectivity
- Dealing with multiple devices
 blending of work and leisure computing
- Frustration over nonintegration
- Expectations set by experience on the Internet
- Simplify experience and interaction with applications

The Information in Our Organizations from Gartner Group

- 80% of information is unstructured
- 42% of transactions are still paper-based
- 79% of companies have 2+ repositories
- 40 % of IT budgets are spent on integration
- 25% have 15+ repositories
- 30% of people's time is spent searching for relevant information



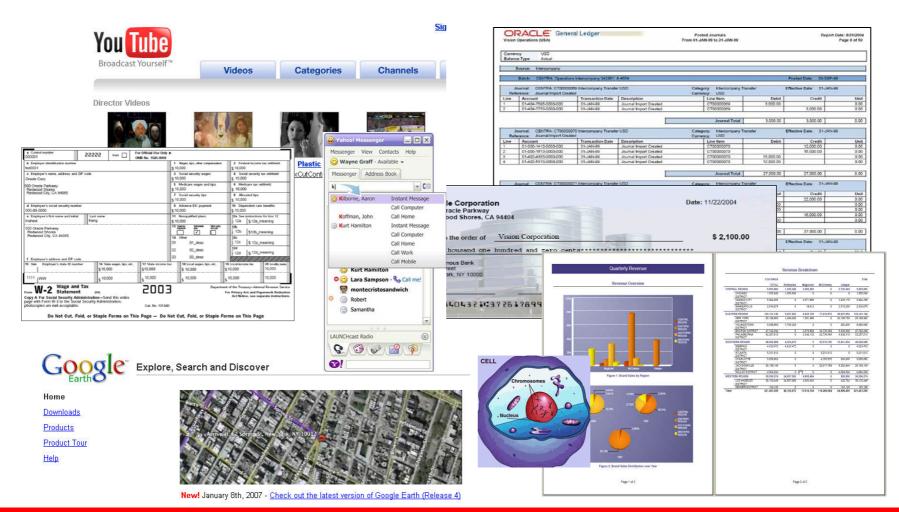






The Information Explosion

Documents, Images, Voice, Video, IM, Email ...



Understanding ECM Technology Managing content through its lifecycle

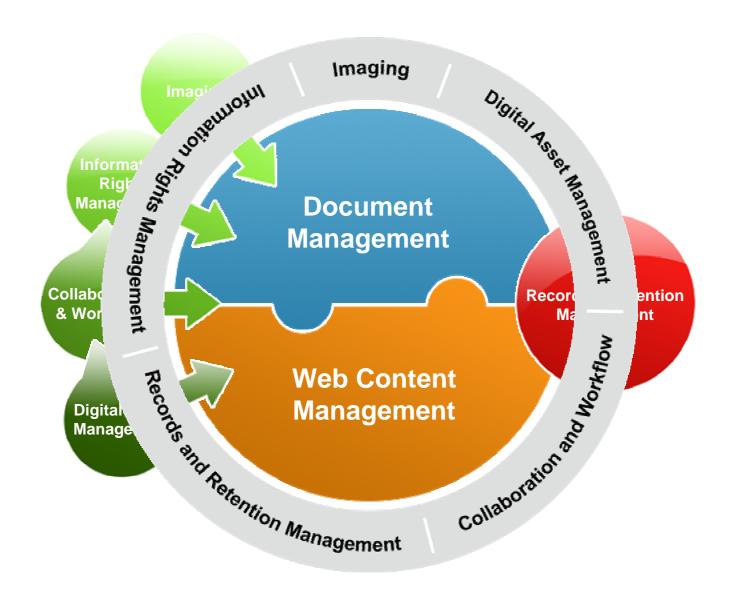
 Applies appropriate amount of control and support during each lifecycle phase

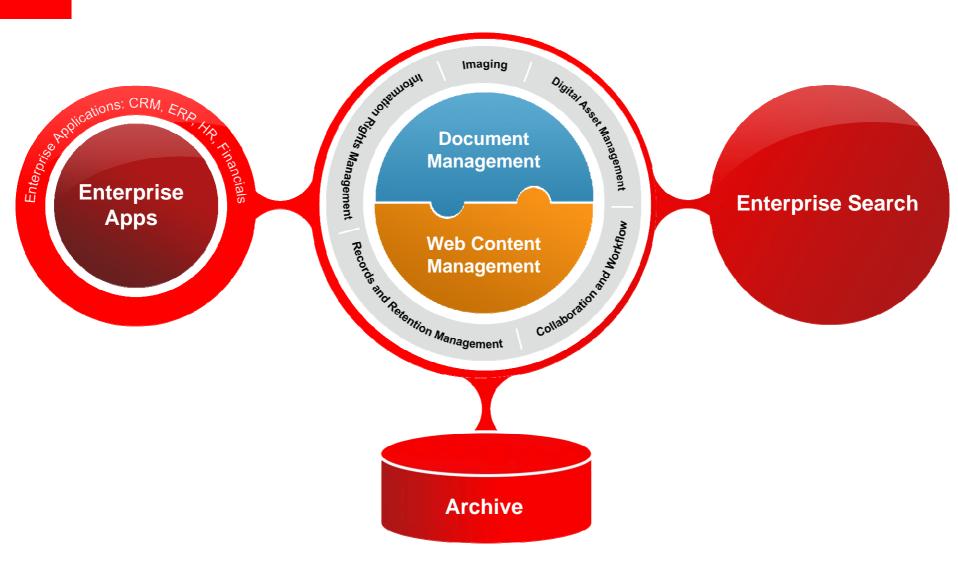
Create: create & capture documents

 Manage: store, version, index, manage documents

- Distribute securely: cleanse, filter, manage digital rights
- Publish: publish to Web, view, search documents
- Retain for compliance: declare, classify, archive, retain







Understanding ECM Technology *Sharing content across the enterprise*

CONTRIBUTOR CONTENT TYPE CONTRIBUTE VIA FORMATS DELIVERY/API CONSUMER







Audio Video
CAD files
MS Office
HTML pages
Flash
Multimedia
Graphics
Images
JSP / ASP
XMI

Email

Web browser

Desktop application

Windows folders

HTML form

Auto categorization

ODMA

Report ingestion

Programmatic integration

XML Web services SOAP HTML **WSDL** WML COM **cHTML** HDML JAVA **PDF** F.JB **Native HTTP JPEG FTP** TIF **ICE GIF WBMP** RSS feeds



Repositories



The Solutions





Enterprise Content Management & Portals



Websites & portals

Successfully leverage your online resources with a strong multi-site management capability that ensures you **maintain**, **monitor and regulate** diverse sites, including:

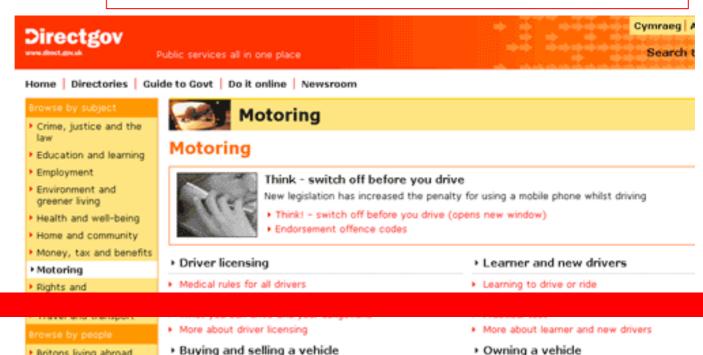
- Corporate Internets
- Personalised Intranet
- Supplier and partner extranets
- Customer support site
- HR and employee services portals

Managing multiple websites

Finding a way through the online content maze

The UK Government's **Department for Health**, **Department for** Education and Skills and The Cabinet Office all use a single Platform.

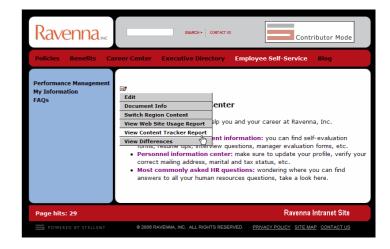
Platform of choice for all new Central Government initiatives



Britons living abroad

Web Content Management (WCM) in Oracle Universal Content Management

- A single solution for internal and external sites, wireless, blogs, wikis
- Enable distributed development with a role based approach
 - Centralized control of site architecture and brand management guidelines
 - In-context site management, editing and approvals
- Lower site management costs while ensuring accurate, timely Web content
- Link management
- Integrations with portals, personalization engines and commerce engines
- Received highest available rankings in WCM industry analyst reports















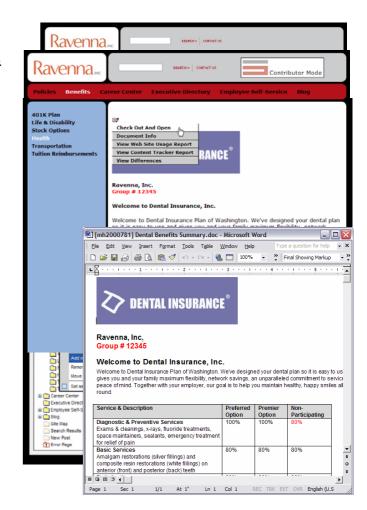




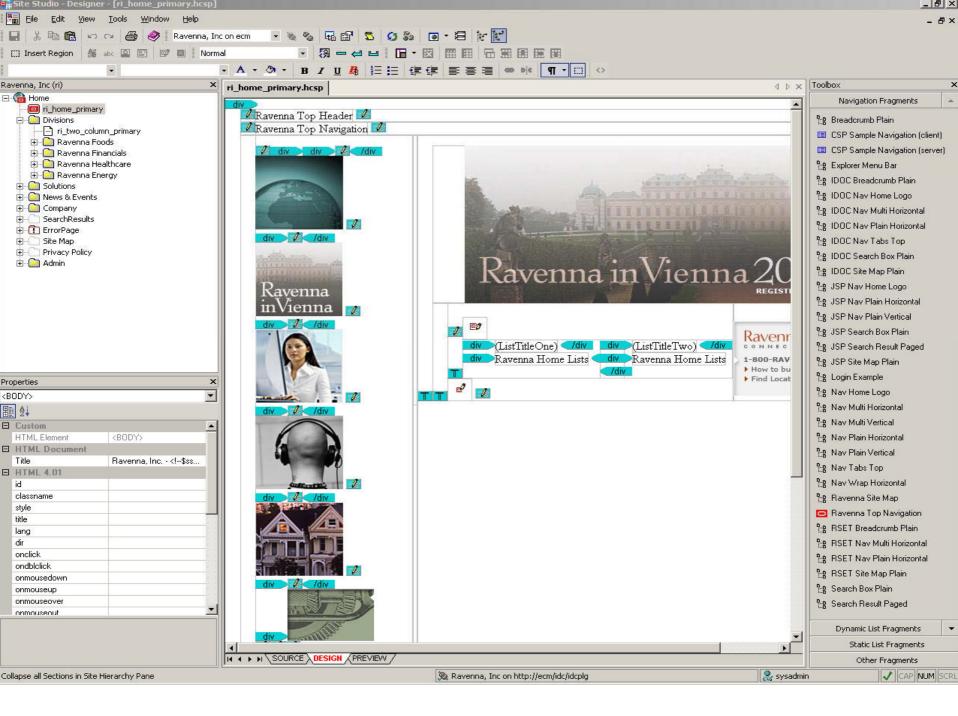
Key to Managing Multiple Sites

Distributed Web Site Ownership

- Web Developer: Development & Architecture Expert
 - Creates reusable code, layouts and templates
 - Controls permissions and exposed functionality
 - Creates solid architecture to efficiently manage hundreds of sites



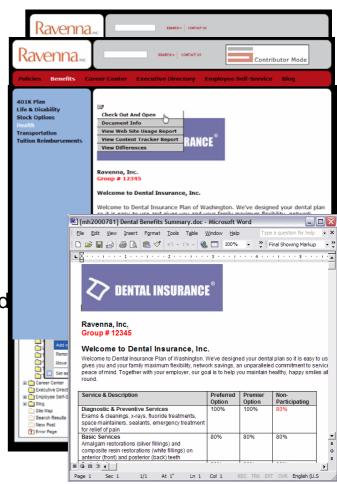




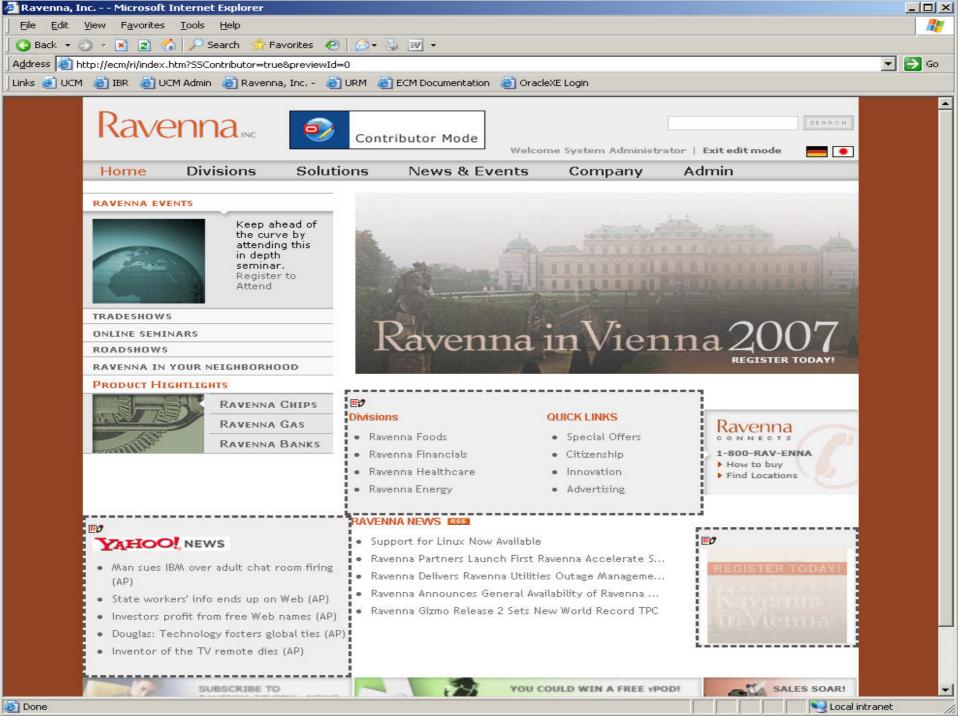
Key to Managing Multiple Sites

Distributed Web Site Ownership

- Site Manager: Audience & Line of Business Expert
 - Organizes /refines site navigation and structure
 - Picks layouts from a pre-defined list
 - Controls keywords in title and meta tags right from the Web site
- Content Author: Content & Knowledge Expert
 - Edits and adds content directly from the Web site
 - Previews changes in-context of the site
 - Reuses existing business content from Microsoft Word PowerPoint, Excel, etc.





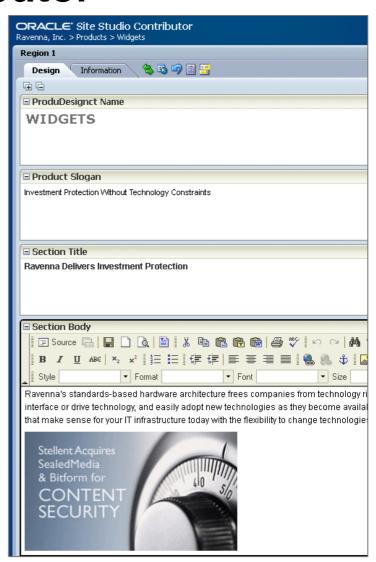


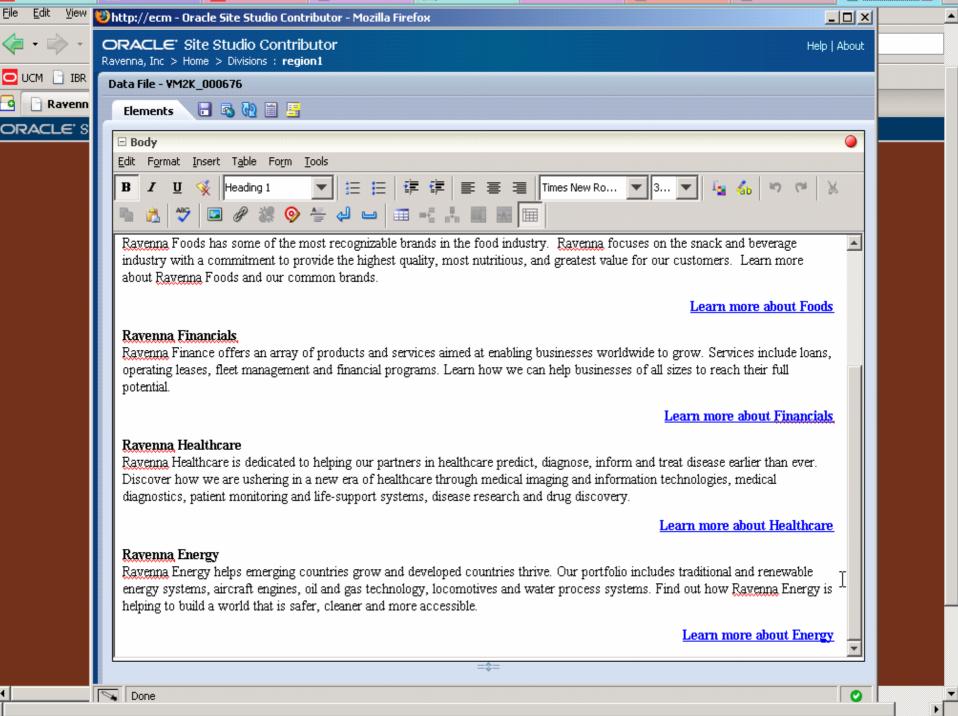
New Site Studio Contributor

Interesting New Features

- Images
 - Auto fill Alt text
 - Keep aspect ratio
- Formatting
 - More usable styles (paragraph vs. inline)
 - Font highlighting
 - Format removal
- Editing
 - In-context spell checker
 - Cut-and-paste from Word
 - HTML editing button
 - Accessibility checker
- New link option
 - Content item's URL

 (i.e. the web-viewable could be pdf, zip, etc.)

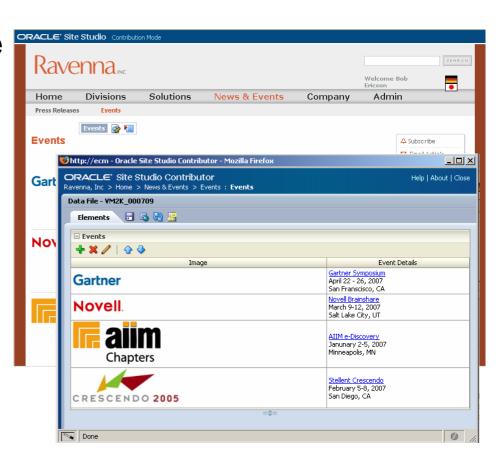




Build & Maintain Web Sites

Empower business user to own content

- Directly from the Web site
 - Quickly edit / add content
 - Preview changes and approve workflow directly from site
 - Control site organization / navigation
- Reuse within and across multiple sites
 - Use simple forms
 - Reuse existing business content (Word, PowerPoint, Excel,...)



Ringing the changes

Vodafone, the world's leading mobile telecommunications company, sought:

- To provide a single technology platform for all Vodafone websites worldwide
- Call centres, retail outlets all working from the same versions of unstructured data

Oracle's solution has delivered:

- A single version of the truth across all channels to the customers
- Secure documents across the enterprise

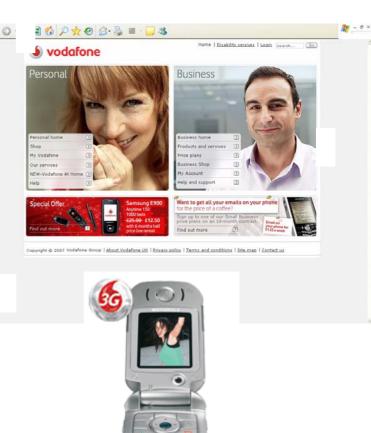


Vodafone UK

Public Websites & Intranet

- About Vodafone
 - Vodafone Group Plc is the world's leading mobile telecommunications company with 200 million customers, 110,000 employees and capitalisation of \$160 Bln.
- Customer Challenges
 - Provide a single technology platform for all Vodafone's websites across the globe
 - Call Centres, Retail outlets all working from the same versions of unstructured data
 - Contracts/phone details etc
- Solutions
 - Global Intranet
 - Sealed Board Meeting Minutes
 - Knowledge Base for Call Centres
 - External Websites
 - Vodafone OneBill
- Customer Benefits
 - Single version of the truth across all channels to the customers
 - Secure documents across the Enterprise







Vodafone Romania

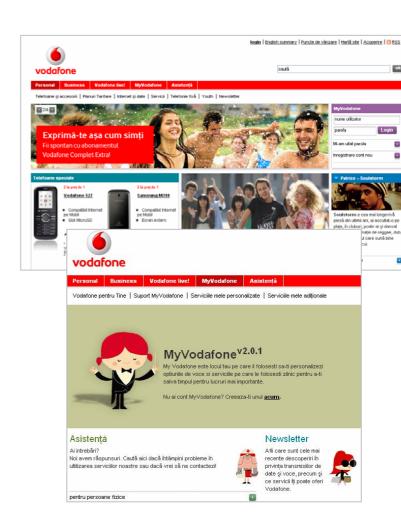
Portal & WCM Solution

Challenges

- To provide Vodafone's users a unified browsing experience and to unify all Web Sites that Vodafone manages
- To increase the up sell and cross sell capabilities
- To decrease the IT involvement
- To provide the 28 existing applications* a common Content Management platform and Web Publishing environment
- To simplify the integration of new applications and facilitate the maintenance activities
- To handle growing numbers of internet users

Solution

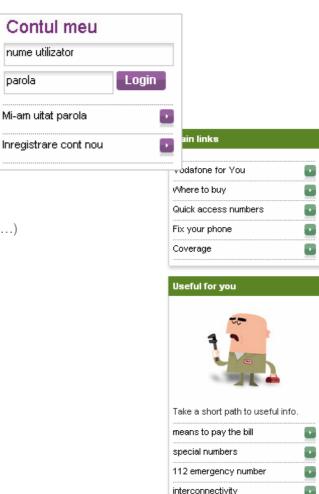
- Oracle UCM
- Oracle WebLogic Portal
- Oracle Database
- Benefits
 - Single DM for Applications and internal users
 - One click publishing of new content
 - Ability to manage 8M registered users



Vodafone Romania

Portal & WCM Solution

- Key Figures
 - 8.000.000 Registered Users
 - 700.000 Visitors per Month
 - 25.000 Files, 3.000 Web pages
- Integration
 - Profiling Application
 - Web page providers Applications (roaming tariffs, subscription forms, ...)
 - "eCare" CRM Application
 - "eShop" On-line shopping Application
- Oracle Consulting Delivery Team
 - Oracle Romania
 - Oracle EMEA E2.0 Team for UCM
 - Oracle SSI for WLP
- Main Tasks
 - Requirements Analysis
 - Architecture & Installation
 - Solution Design & Development
 - Applications Integration
 - Testing, Rollout, Support



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Banking on compliance

Global financial services organisation **ING Group** wanted to reduce the number of content management systems from over 40 to a single application/ infrastructure for web solutions.
Oracle is delivering:

- Single solution and architecture for web application
- **Growth capabilities** for other content-centric applications
- Reduced risk around document retention and retrieval
 - Adherence to corporate governance principles for document management





Customer Case Study: ING

About ING

 ING Group is a global financial services company of Dutch origin with 150 years of experience and 120,000 employees, providing a wide array of banking, insurance and asset management services in over 50 countries.

Customer Challenges

- Corporate Governance: to reduce the amount of over 40 content management systems to a single application/infrastructure for web solutions
- <u>Integration with internal system</u> (eg Websphere and eBanking)
- Deliver a <u>solution for managing business critical records</u> applying extensive records management principles (DoD5015.2 and 4) and where only senior management have access.

Solutions

- Over 100 intranet sites running on Oracle UCM with Websphere front-end
- Public multilingual websites for ING.Com, ING Belgium, ING Lease and ING Investment Management Europe
- Records Management

Customer Benefits

- Single solution and architecture for web applications
- Growth capabilities for other content centric application









Customer Case Study: UK's Department for Work and Pensions (DWP)

About DWP

- DWP are one of UK Government's largest Departments
 - 124,000 employees
 - £7.8bn annual expenditure
 - Annual Programme expenditure of £1.4bn
 - 1,800 locations across the UK
 - 98% have access to the DWP Intranet

Customer Challenges

- 600 Intranets, 1,500 web managers and over 1m pages.
- No consistency, no meta-data, no retention policy
- Inaccurate information being given out to the public

Solutions

- Migrated all 600 intranets, tagged with dublin core meta-data standard to a single platform in less than 8 months.
- Oracle ECM for Intranets and also the Job Centre Plus website (one of the UK's most accessed websites)

Customer Benefits

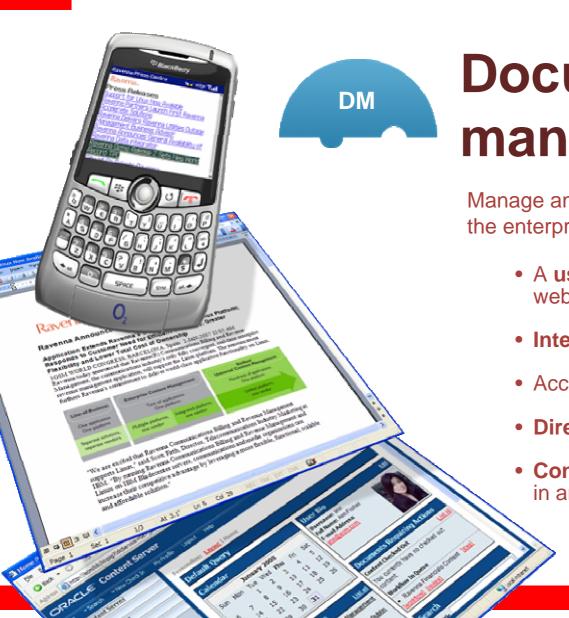
- Reduced number of web managers from 1,500 down to 50
- Single version of the truth across the enterprise reduced risk
- All intranets/websites now managed from one site





Government external facing websites

- ACC
- Minnesota Department of Education
- Norfolk County Council
- Seattle Public Utilities
- Welcome To Aurora, Colorado
- CNIC | Commander Navy Installations Command
- United States Department of Agriculture Home
- City of Minneapolis Home Page
- Depart Transport UK
- Los Angeles County
- Minnesota Department of Revenue
- MN Dept Human Services
- Newport City Council Homepage
- Rhondda Cynon Taf Gov
- Scott County Web
- http://www.direct.gov.uk/en/index.htm
- http://www.dh.gov.uk/en/index.htm



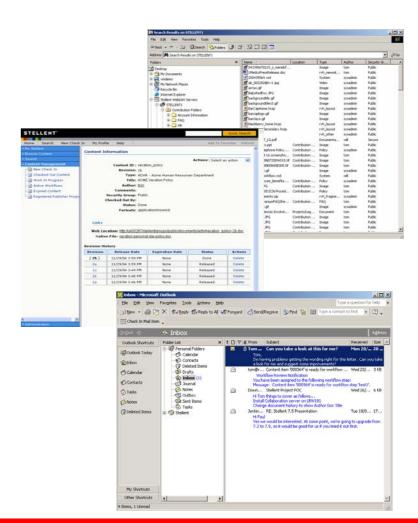
Document management

Manage and convert documents held across the enterprise with:

- A user-friendly, personalised web interface
- Integration with MS Outlook/Notes
- Access to desktop applications
- Direct access through Windows Explorer
- Convert and publish to any device, in any format, any time

Document Management in Oracle Universal Content Management

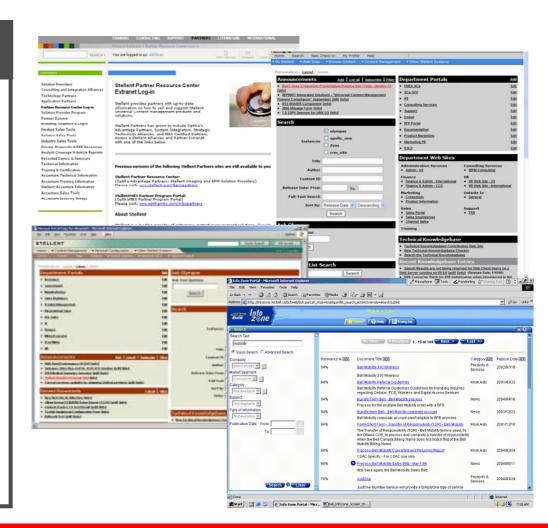
- Web-based document management
- Users contribute content from familiar native applications
- Leverages <u>unified</u> ECM architecture
- Manages all business documents -digital, paper-based, and reports
- Out-of-the-box, server-based solution eases IT administration
- Saves printing & shipping costs
- Automates routine tasks
- Supports compound docs functionality (FOLIOS)
- Dynamic PDF Watermarking
- Conversion of nearly 400 formats to Web-viewable formats
 - PDF, HTML, XML and wireless formats



Document Management

Key Applications

- Intranets & Extranets
- Workflow expense reports, invoice processing, document approval routing
- Policy and procedure management for regulatory mandates, such as JCAHO
- ISO 9001 documentation management
- Web-enabled call center resources
- Creation and distribution of large manuals and training information



Oracle Universal Content Management (UCM) Standard Edition



UCM Standard Edition Highlights

Document Management For Mid-size Businesses

- Web-based application
 - For managing <u>documents</u> within Oracle Database or file systems
- Entry level solution
 - With easy upgrade to enterpriselevel ECM
- Manage all file types
 - Documents, graphics, images, presentations, emails...
- Quick install, out-of-the-box solution
- Heterogeneous support
 - Multiple platforms, databases, Web servers, browsers...



Solution Examples:

- Policy and procedure mgmt
- Sales kits & marketing collateral
- Internal knowledgebase
- ISO 9001 documentation
- Human Resources content
- Communication mgmt
- Online "deal rooms"

An Out of the Box Solution

Includes Built-in...

- Security
- Personalization
- User management
- Customizable portal layouts for unique "look & feel"
- Workflow
- Metadata & full text search
- Forms
- Conversion



An Out of the Box Solution

Includes Built-in...

- Security
- Personalization (no portal or application server required!)
- User management
- Customizable portal layouts for unique "look & feel"
- Workflow
- Metadata & full text search
- Forms
- Conversion



Global Document Management

Symbian Limited, the developer and licensor of the Symbian operating system for mobile phones, has delivered a Global Communications and Collaboration Environment with Oracle ECM:

 Consolidation of siloed information into a single repository

 Streamlined communications and improved content collaboration across global operations

 Consolidated over 100 terabytes of content from multiple silos of information into a single repository

 Rapid search functionality across content created in disparate departments and geographies

 The basis for a content-rich, knowledgebased organisation



Customer Case Study: Statistik Austria

- About Statistics Austria
 - Statistics Austria is the national authority in Austria for collecting, analysing and publishing statistics.



- Ability to manage documents in a wide range of different formats.
- Different publication channels
- Ease of searching, finding and re-using existing publication objects (knowledge database)
- Internal and external use



- Oracle Universal Content Management
- Customer Benefits
 - Time saving by automating data processes: compilation and publication
 - Increased efficiency by centrally managing information objects and providing automatically different formats
 - Improved quality of data by managed versions









Digital Asset Management

Example Digital Asset

Manage your digital assets, including videos and brochure-ware to provide...

- Automatic conversion of any digital asset to meet specific format requirements
- Re-formatted assets available for the right audience, at the right time
- High resolution video footage easily converted to streamable format
- Global consistency of brand image

What is ECM?

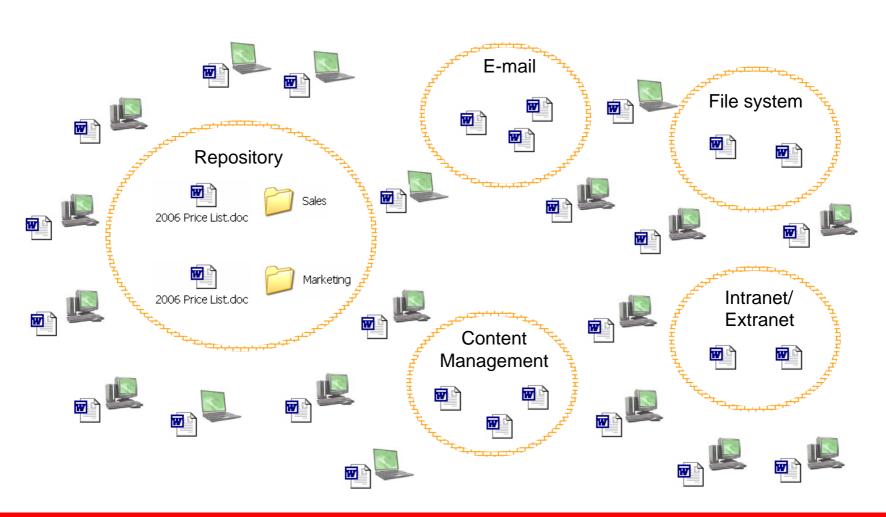
INFORMATION RIGHTS MANAGEMENT



- Confidential documents and emails are moderately secure while stored (unused) within folders, inboxes and repositories
- But when used, thousands of copies are stored on desktops, laptops, wireless devices, USB drives, CDs/DVDs – inside and outside your organization!
- How do you
 - Secure all the copies, and audit access to them?
 - Prevent copies being forwarded (or edited) inappropriately?
 - Protect your confidential information within your customers, partners and suppliers?
 - Revoke access to confidential information, when projects end or employees leave?

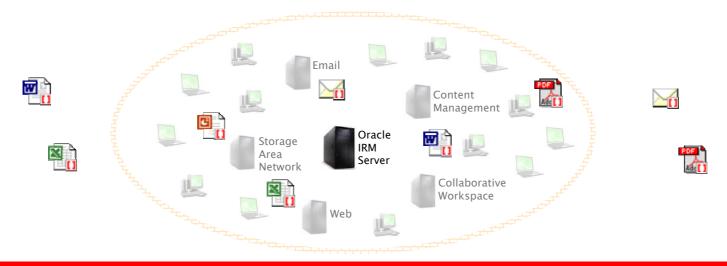
Limitations of Perimeter Security

Content does not stay within access-controlled perimeters



Benefits Secure and track information beyond the repository

- Encryption places an access-controlled perimeter around the information itself (documents, e-mails and Web pages)
 - Only authorized users can open and/or modify it
 - All access to "sealed" information is centrally audited and reported
 - Access to remotely stored information can be centrally revoked
- Consistent security: one "virtual" perimeter to manage
- Control and monitoring does not stop at the firewall!



Full throttle IRM

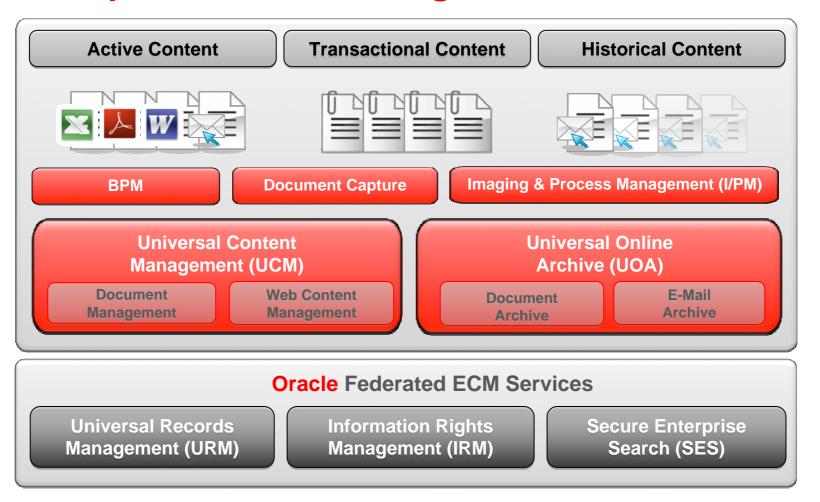
Renault F1 sought to protect its technological specifications against competitive espionage. Oracle IRM is delivering:

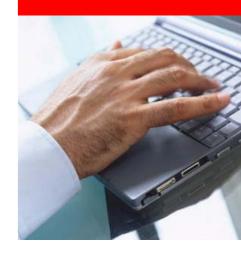
- Secure access to documents for partners, suppliers and manufacturers
- The ability to evoke users' rights
- Remote access to data for trackside technicians
- Centrally managed access rights across the globe
- All applications directly store files within the central repository
- Eliminated duplication between users



Oracle Solution

Enterprise Content Management





Unified Workplace & Context Separation

What is Web 2.0 and Enterprise 2.0?

Web 2.0

 Web-based communities and hosted services to <u>facilitate</u> <u>creativity</u>, <u>collaboration</u> and <u>sharing</u> among users

Enterprise 2.0

Integrates Web 2.0
 capabilities with IT systems to
 <u>enrich user experience</u>,
 <u>business processes</u> and
 <u>collective intelligence</u>



Cases 2.0





Web 2.0 Evolution

- Web 1.0 Connected Information
 - Information delivered as linked Web Pages
 - Transformed how we accessed information



- Web 1.5 Connected Applications
 - Service Oriented Architecture
 - Transforming how we design & use Applications

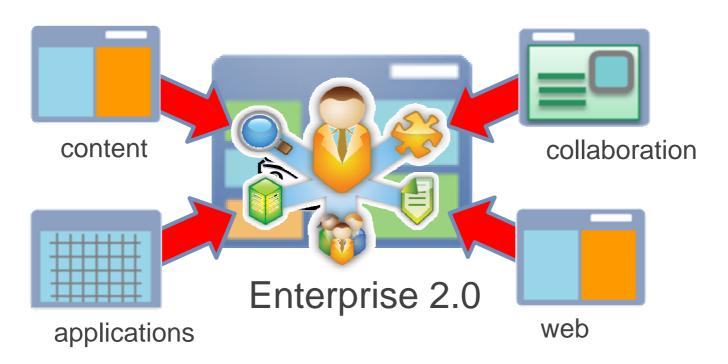


- Web 2.0 Connected Users
 - Users share information with easy to use Web-based Social Software on Internet
 - Transforming how we share Information & Work Together

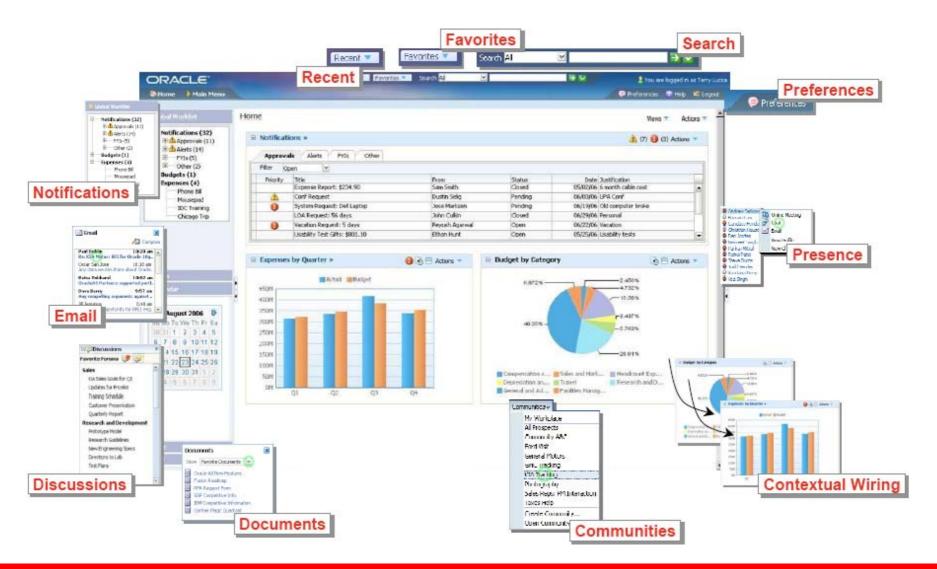


Enterprise 2.0

- Integrating Web 2.0 Technology & Capabilities
- With Enterprise Information Systems & Applications
- To transform how we work within Enterprise & across Enterprises



Unified Workplace in Context





ECM & E2.0: The Convergence



Enterprise 2.0

Convergence of Content, Web Presence, Composites, & Social Computing



Document

Management

And the state of

Content

Publishing



Collaborative

Content

Creation



Approvals



Security,

Auditing, and Compliance



Lifecycle

Management



Creation



& Orchestration



Resources



Delivery



In-Context Content Editing

Secure, Integrated Search

Content Management

Internet / Intranet Web Presence

Enterprise 2.0

Community/Social Collab

Composite Applications



Team & Individual



Project Enterprise Efficiencies Mashups



Team Collaboration



Web 2.0 Services



Desktop Tools Integration



SOA Processes



Integrated Development



Component Assembly & Orchestration



Process Portals



Custom & Enterprise Applications



Alerts & Worklist



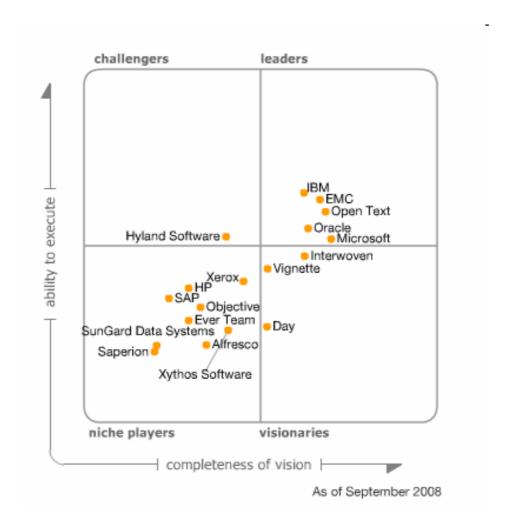


Summary: The Market



Latest Market Review

Gartner MQ ECM SEPT 08'



Latest Market Review

Forrester Wave, ECM Suites Q4 07'

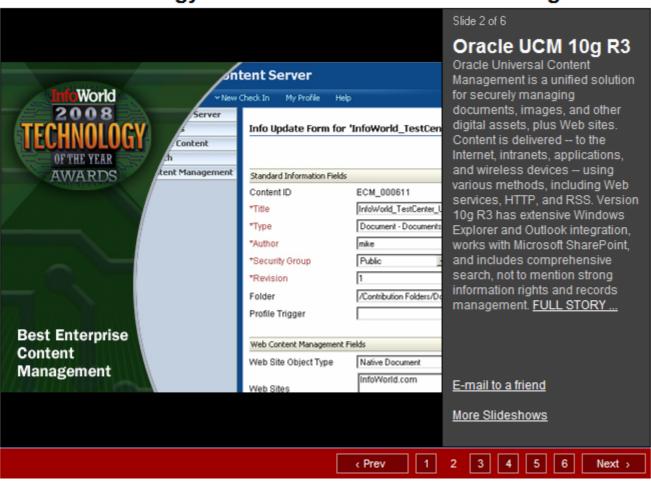
- Oracle determined "Leader" in ECM
- "A well-rounded, well-architected ECM suite with strength where it counts evidenced in its document management and records management support."



Universal Content Management Wins!

Best ECM Technology of the Year

2008 Technology of the Year Awards: Data Management



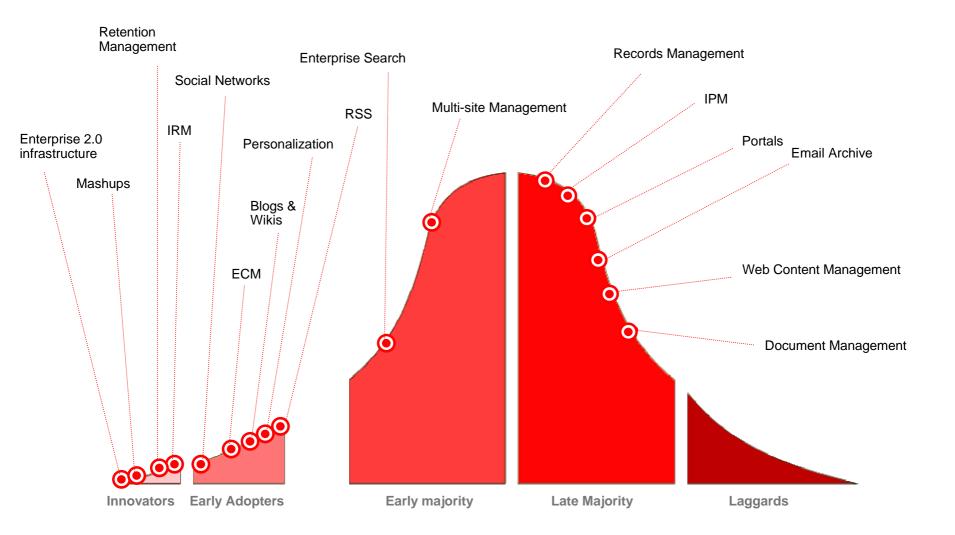
 Oracle SOA Suite also wins for Best Enterprise Service Bus

Latest Market Review

Gartner MQ Horizontal Portals SEPT 08'



ECM, Portals & UI Adoption



Enterprise 2.0

Product Listing

Content Management

- Enterprise Content
 Management Suite
- Universal Content Management
- Universal Online Archive
- Imaging and Process Management
- Secure Enterprise Search
- Information Rights Management
- Universal Records Management
- Document Capture
- Distributed Document Capture

Portal and UI

- WebCenter Suite
- WebCenter Services
- WebCenter UI(ALUI)
- Oracle Portal
- WebLogic Portal

Questions

