

# THE GILBANE REPORT™

*Content, Computing, and Commerce – Technology & Trends*

## THE CLASSIFICATION & EVALUATION OF CONTENT MANAGEMENT SYSTEMS

The continued dramatic growth in content management systems (CMSs) and technologies – there are hundreds of CMSs, including dozens of open source tools – has defied the usual rules of business software markets. The number of new product launches by old and new companies somehow still manages to keep ahead of the ongoing consolidation. This is very healthy. However, even a full-time market analyst paid to be a content management expert is not going to be able to keep up with all the products and features, especially since managing content involves technologies that go well beyond a CMS (See last month's report on integration, infrastructure, and content services technology.) IT strategists and project managers who have other responsibilities don't stand a chance of keeping up-to-date.

Fortunately, there is an industry effort gathering steam to provide an open and free list of CMS products and features. This public domain classification will be based on an XML schema (CMSML) so that anyone can use the information. Although the project is in its early stages, there is already one public domain tool for mining this CMS data, which we will make available at gilbane.com in early June. This is a huge and complex task and promises to be ongoing. Even given a predictable perpetual state of flux, this project should make information collection about CMSs and their features a lot easier for everyone. This month Bob Doyle, editor of the CMSML project, describes the project and how to participate, and shares the draft feature list.

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Published by:  
Bluebill Advisors, Inc.  
763 Massachusetts Ave.  
Cambridge, MA 02139  
USA  
(617) 497.9443  
Fax (617) 497.5256  
[www.bluebilladvisors.com](http://www.bluebilladvisors.com)

Editor:  
Frank Gilbane  
[frank@gilbane.com](mailto:frank@gilbane.com)  
(617) 497.9443

Editors Emeriti:  
Tim Bray  
[tbray@textuality.com](mailto:tbray@textuality.com)  
(604) 708.9592  
David Weinberger  
[self@evident.com](mailto:self@evident.com)  
(617) 738.8323

Associate Editors:  
Bill Trippe  
[bill@gilbane.com](mailto:bill@gilbane.com)  
(617) 497.9443

Recent Contributors:  
Sebastian Holst  
[sebastian@gilbane.com](mailto:sebastian@gilbane.com)  
Girish Altekar  
[girish@deepcoolclear.com](mailto:girish@deepcoolclear.com)  
Bob Boiko  
[bob@metatorial.com](mailto:bob@metatorial.com)  
JoAnn Hackos  
[Joann.hackos@comtech-serv.com](mailto:Joann.hackos@comtech-serv.com)  
Rita Warren  
[rita@ziaccontent.com](mailto:rita@ziaccontent.com)

Associate Analyst:  
Jared Spataro  
[jared@gilbane.com](mailto:jared@gilbane.com)

Production Assistant:  
Sarah G. Dionne  
[sarah@gilbane.com](mailto:sarah@gilbane.com)  
(617) 497.9443

Subscriptions:  
[sales@gilbane.com](mailto:sales@gilbane.com)  
(617) 497.9443

Customer Service:  
[customersevice@gilbane.com](mailto:customersevice@gilbane.com)

Consulting Inquiries:  
[consulting@gilbane.com](mailto:consulting@gilbane.com)  
(617) 497.9443

Gilbane Report White Papers:  
Jared Spataro  
[jared@gilbane.com](mailto:jared@gilbane.com)  
(617) 497.9443

Speaking Engagements:  
[speakersbureau@gilbane.com](mailto:speakersbureau@gilbane.com)  
(617) 497.9443

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# THE CLASSIFICATION & EVALUATION OF CONTENT MANAGEMENT SYSTEMS

Content Management Systems (CMSs) are a most unusual category of computer software. Most software categories as well known as content management are dominated by a few products that have captured market share and users' mind share. But the CMS space is different, very different, especially the most familiar Web Content Management System segment.

There are several reasons for this difference.

**First**, since a CMS has been notoriously hard to define (we address this below), there are many very different products that think they are providing a "complete" CMS. This includes fast-growing personal web publishing weblogs, group wikis, and organizational news portals, which have received a lot of press lately.

As the Gilbane Report suggested three years ago, "content management" has become an all-encompassing buzzword for document management, information management, and knowledge management. "It is largely because web publishing is so different from other types of publishing that content management has come to encompass such a wide variety of functions." (Volume 8, Number 8, October 2000).

**Second**, the huge potential market has attracted many independent software developers. Although we have seen a shakeout among the major early players, market entrants continue to appear, with several hundred companies listed on the DMOZ Open Directory Project under Content Management.

**Third** is the very low cost of market entry. With online marketing and delivery over the web, many companies dream of being the next *Vignette*. They don't realize that software is a small fraction of a content management solution.

Perhaps most important is that almost everyone who is managing a web site is fighting, some desperately, to get control over their site management. As a result, tens, perhaps hundreds, of thousands of organizations and individuals have produced something like their own CMS. A significant fraction of these have decided to market their CMS to others, selling them or renting them as Application Service Providers (ASP), and thus created a software marketplace like no other.

Since websites vary from individual user weblogs (personal web publishing), through organizational news-oriented portals and e-commerce sites, to massive enterprise portals that are the public front end for a complex of intranet corporate portal sites (Microsoft has 8000 of these), we expect a wide range in the power, complexity, and cost of the right CMS.

Any attempt to evaluate a CMS must begin with understanding what it does. Even more important though, is to understand what it is the website needs done. Hundreds of millions of dollars have been spent in recent years on early

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versions of a CMS that did not have the functionality needed. In-house developers have added their own functions, and smart CMS developers have adapted many of these solutions back into their general offerings. So we are seeing some convergence on the core functionality of a CMS, whether for an enterprise or a small website.

The number of features associated with a CMS continues to grow. For example, most of the major CMS vendors have now made a significant commitment to the tools of, what some would call, "knowledge management". Some of these tools are new, but most are venerable techniques and terminology from print publishing, library science, linguistics, semiotics, and even philosophy.

The time has come for a serious effort to identify these core features and functions. If we are lucky, we might even get some agreement from vendors on what to call them.

A number of industry analysts, consultants, vendors, and users have joined us in a collaborative effort to provide a public domain taxonomy and descriptive tool to aid in the understanding of what a CMS is. "We", in this article, refers to this collaborative group.

## A CMS IS WHAT A CMS DOES

Regular readers know we prefer definitions that reflect reality and are practical, so a definition of a CMS should not be based on what some think it *should* be. Rather, we prefer to attempt a definition of a CMS by describing all the things people actually are *doing* with one. And we can use the words they use to describe what they are doing.

Nearly three years ago we asked "What Is Content Management?" in the single most popular issue of the Gilbane Report. Now we want to continue our attempt at an answer by starting an industry-wide collaborative online effort to seek agreement on the core features and functions of a CMS. We will look for agreement from analysts, from industry experts in their books and articles, but especially from vendors and ultimately from the users.

## INVESTIGATING CMS WITH CMS TOOLS

We will present our research in controlled vocabularies, faceted classification systems, topical searches, *etc.*, as a demonstration that uses Content Management tools to study Content Management. We will do this online, we will do it collaboratively, and we will do it with content management tools and techniques themselves. How?

First, we are building an online database of features and functions, plus a list of evaluatory questions, that vendors can access themselves with edit permission to enter quantitative values and qualitative answers.

The database is designed to be very flexible and extensible, allowing feature names and functions to be changed, definitions to be revised, and room for every vendor to enter their own qualified description when the generic feature or function does not fit their product. The inherent ability for CMS version control

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will allow the work to evolve with the moving target both vendors and users are aiming at.

Second, we think only the widest possible collaboration is likely to get the necessary support from the vendors. If the resulting research is publicly available, not just on our website but on any collaborating CMS-related website that provides advice on CMSs, we expect the vendors will keep their data accurate and up to date. They will know that they enter data once and it comes out in many places on the web.

Distributing the knowledge base will take advantage of syndication technology, similar to news feeds, but designed to allow complete repository replication if desired, so multiple institutions can have full copies of the data. We will publish syndicated “knowledge feeds,” which allow collaborating websites to provide straight lists of CMSs, sophisticated searches for CMSs with a particular set of features and functions, a faceted classification directory of CMSs, and a unique feature comparator that lines up the features and functions of two CMSs side by side to facilitate user decisions.

These knowledge feeds are a special web service of the CMS industry, by the industry, and for the industry.

We will encourage the major vendor-neutral CMS consultants, and even smaller vendor-specific consultants, to publish these interactive knowledge feeds on their websites to educate their clients. The question that usually comes right after “What is a CMS?” is “Which CMS is the right one?” Knowledge retrieval through a faceted classification scheme will allow users to put their most important CMS facets (characteristics or properties) at the top of their custom-built hierarchies. This should help bring the “right one” to the top of their list.

## SYNDICATING CMS KNOWLEDGE SERVICES IN A WIDE VARIETY OF FORMATS

We will export our CMS data in unstructured HTML pages, as well as structured XML, RDF, OPML, XFML, and possibly XTM Topic Maps. We will do this to demonstrate the kinds of publishing possible with a CMS today, and to feed structures that will be maximally useful to those who want to post-process them into a more useful display format for their own needs. If web services are to succeed, we should demonstrate their success as an industry analytic tool.

The **XML** will be our own special markup language for describing Content Management Systems called CMSML. CMSML is a joint development of the OSCOM softwareML project, the University of Washington iSchool CMS Evaluation Lab, and CMS Review. It is described at [www.cmsml.org](http://www.cmsml.org). The mailing list is [softwareML@oscom.org](mailto:softwareML@oscom.org).

The **RDF** structure will enable inference engines to crawl the available CMS and draw conclusions about them. People may develop semantic web inferencing programs to help choose the right CMS from the many available. This is a major commitment to permanent URIs that describe CMS Resources.

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**OPML** is Dave Winer's Outline Processor Markup Language. An organization can prepare a specific set of facets ordered by their priorities, and then create an OPML document that captures their choices, for further study and critical annotation in OPML readers and browsers. See [www.opml.org](http://www.opml.org).

**XFML** is Peter van Dijck's eXtensible Faceted Metadata Language, and it will transport the entire knowledge base in a file that can be browsed in tools like those from Travis Wilson's [www.FacetMap.com](http://www.FacetMap.com). See [www.xfml.org](http://www.xfml.org).

Although in many respects Topic Maps are isomorphic functionally to RDF Resources and both can implement the model of a semantic web, there are probably advantages to the CMS industry in a set of published Topic Maps that establish the core concepts and terms as well as the functions and features of content management systems. Others can then build their own Topic Maps that associate with these CMS Topics.

## THE DRAFT FEATURE AND FUNCTION LIST

To develop our initial list we have looked at the best-known books and reports on the CMS business. Here is a bibliography.

- *Content Critical*, by Gerry McGovern
- *Content Management Bible*, by Bob Boiko
- *Content Management for Dynamic Web Delivery*, by JoAnn Hackos
- *Content Management Systems - Tools of the Trade*, by Dave Addey, James Ellis, Phil Suh, David Thiemecke
- *Managing Enterprise Content*, by Anne Rockley
- *Web Content Management*, by Russell Nakano
  
- *CMS Report*, by Tony Byrne, CMS Watch
- *CM Requirements Toolkit*, by James Robertson, Step Two Designs
- *The Gilbane Report*

Our list is divided into five major areas.

1. A **Product Overview** where we collect general information about the product (Description, Status, Marketing, Installation, and Support).

Then we look at four main phases of Content Management:

2. **Content Creation** (Acquisition, Aggregation, Authoring)
3. **Content Management Proper** (Workflow, Editing, Approvals, Staging, Repository, *etc.*)
4. **Content Delivery** (Live Server, Publishing, Syndication)
5. **Content Lifecycle Enhancements** (Security, Business rules, Integration, Metadata management, Transformations, Associations, Analysis, Search and Locate)

The current proposed feature and function list is attached in **Appendix A**.

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## NOTES ON THE COMPARATOR TOOL

### How Some Features Become Facets

When a feature or function can be described only with a text entry, it has limited use in a faceted classification scheme. However, when the possible values of a feature can be enumerated from a list, this feature becomes a facet that can be used to sort the CMS in different ways.

One such facet is the computer operating system. Another is the programming language. When deciding on a CMS, arranging systems in a hierarchy that puts operating system and programming language in the top layers aggregate systems that will suit different IT strategies.

Figure 1 shows an example of choosing a platform (OS), a web server, and a programming language in the **Faceted CMS Directory**. The list at the right now shows the CMS Frameworks (our fourth facet choice) available.

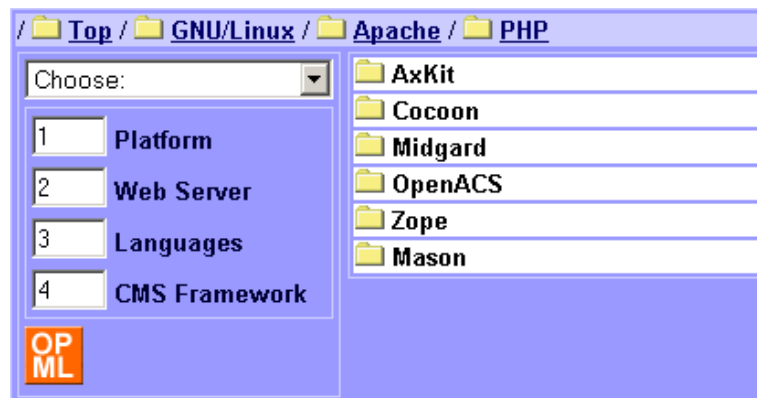


Figure 1.

Figure 2 is an example of choosing a platform (OS), a web server, and a programming language. The list at the right now shows the CMS products available.

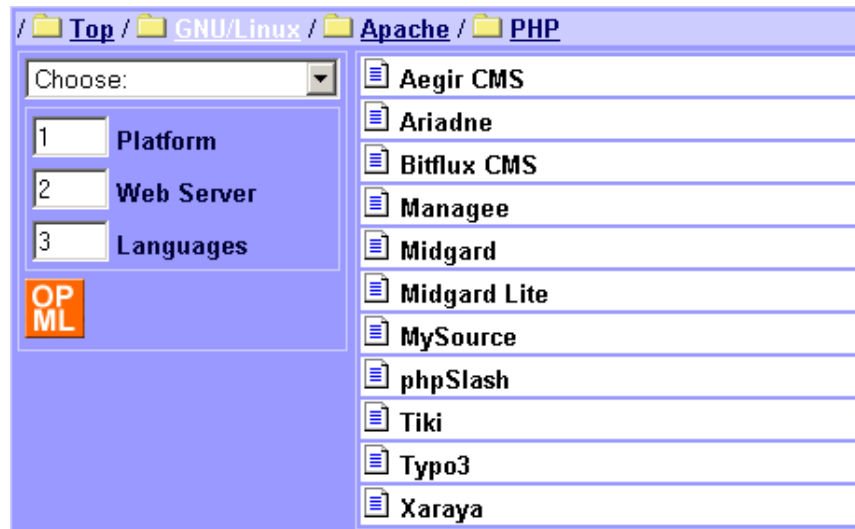


Figure 2.

Figure 3 is the result of choosing two CMS for a side-by-side comparison in the **Feature Comparator**



Midgard 		Tiki 
<b>▼ CMS</b>		
<b>▼ Overview</b>		
<b>▼ Description</b>		
<b>Product Name</b>	Midgard	Tiki
<b>Organization Name</b>	The Midgard Project	Tiki
<b>Organization Website</b>	<a href="http://www.midgard-project.org/">http://www.midgard-project.org/</a>	<a href="http://tikiwiki.sourceforge.net">http://tikiwiki.sourceforge.net</a>
<b>Product web page</b>	<a href="http://www.midgard-project.org/midgard/">http://www.midgard-project.org/midgard/</a>	<a href="http://tikiwiki.sourceforge.net">http://tikiwiki.sourceforge.net</a>
<b>Description</b>	Midgard is an Open Source Content Management Framework based on the popular Linux, Apache, MySQL and PHP (LAMP) platform. Midgard's key benefits include high performance, robustness, flexible templating system, internationalization and the MidCOM component model. Midgard is available both as compilable Apache and PHP modules, and as a pure-PHP implementation, Midgard Lite.	Tiki is full featured content management system suited to many types of online communities. Features include news, topics, wiki, polls, trackers, image galleries, forums, blogs, webmail, and much more. Using PHP, MySQL and Smarty.
<b>▼ Technology</b>		
<b>License</b>	LGPL	LGPL
<b>Type</b>	Framework	General CMS, News Portal, Blog, Wiki
<b>Platform</b>	GNU/Linux, Unix	GNU/Linux, Windows, Macintosh OS X, Unix
<b>Web Server</b>	Apache	Apache, IIS
<b>Application Framework</b>	PHP	PHP

Figure 3.

### Cautionary Notes on CMS Evaluation

Some clever programmer may take a knowledge service feed and try to generate a rating for various CMSs based on our data. We encourage serious users to regard these data as a starting point for their own CMS evaluation and selection process. Work with an established CMS consultant or your own in-house IT staff who knows how to use the data to create the right fit for your CMS needs. Tools such as these cannot automatically choose “the right” CMS.

Vendor marketing teams will naturally try to use any classification scheme to make their products look better. Our approach to problem is to support vendor-qualified descriptions for each feature. This will encourage a clear statement of what the vendor means in the particular case. Also, any particular feature may be open to (mis)interpretation, either deliberate or accidental. Different vendors may genuinely mean different things by the same term. These are both further reasons to work with a qualified internal or external consultant.

Note that we are making no effort whatever to create new terminology. We firmly believe that “meaning is use,” and we are trying to discover that use at the same time we try to discover what CMSs have in common to help understand and define them. We think we can help by publishing a glossary of terms – a controlled vocabulary for the CMS industry – that is used to describe the core features. We want to get everyone at least familiar with industry jargon. This will increase the chances that they will converge on shared concepts. Formally we describe this as building a thesaurus of terms. As in ordinary language, a thesaurus can have rich semantic relationships, with many terms substituting for one

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another, and single words having different meanings in different contexts. We have the technology to identify preferred terms and common variants.

## HOW TO ACCESS AND USE CMS KNOWLEDGE SERVICES

### For Users of the Services

Visit one of the collaborating CMS-related sites who are supporting the development version of the knowledgebase and tools:

- [www.cmsInfo.org](http://www.cmsInfo.org)
- [www.CMSReview.com](http://www.CMSReview.com)
- [www.Content-Wire.com](http://www.Content-Wire.com)
- [www.Gilbane.com](http://www.Gilbane.com) (available in early June 2003)
- [www.OSCOM.org](http://www.OSCOM.org)

### For CMS-related sites that would like to add CMS Knowledge Services for their site visitors

- Go to [www.CMSReview.com/CMSFeeds.html](http://www.CMSReview.com/CMSFeeds.html)
- Copy the code snippet for the desired CMS Knowledge Service and paste it into one of your web pages. The service is now available on your site. Further help is available at <http://www.cmsreview.com/HowTo/ForVendors.html>

### For CMS vendors that would like to edit their feature data

- Go to [www.CMSReview.com](http://www.CMSReview.com)
- Login without a user name and password. You will be invited to join as an individual or organization and you will be sent a password. You will be given edit privileges by the administrator.
- Click on the Edit links next to your product name, log in, and edit your data. Further help is available at <http://www.cmsreview.com/HowTo/ForVendors.html>

### For all interested who would like to criticize the feature list

- Join the CMSML mailing list at <http://www.oscom.org/mailman/listinfo/softwareml>
- Send your thoughts to me ([editor@cmsreview.com](mailto:editor@cmsreview.com)).



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## PLEASE JOIN US!

The knowledge services tools described here are in development. We need the participation of the CMS vendor community to fill in their data. We need them and we need CMS users to help us refine the most meaningful features and functions to be included in the master list.

A progress report on this project will be delivered at the *Gilbane Conference on Content Management @ Seybold* in San Francisco, September 9-10, 2003.

Bob Doyle [bobdoyle@skybuilders.com](mailto:bobdoyle@skybuilders.com), with Gregor Rothfuss [gregor@apache.org](mailto:gregor@apache.org), and Frank Gilbane [frank@gilbane.com](mailto:frank@gilbane.com)

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# APPENDIX A: PROPOSED CMS TAXONOMY

This is a work in progress. Please comment, suggest, critique, or congratulate.  
[editor@cmsreview.com](mailto:editor@cmsreview.com).

## 1. Product Overview

- Description
  - Product Name
  - Company Name
  - Company/Organization website
  - Product web page
  - Company's description
  - Our Description
- Technology
  - License - Open-source, Proprietary, which
  - Type - General CMS, Framework, Front end (UI), News Portal, Blog, Wiki
  - Platform - Windows, Linux, Mac, *etc.*
  - Web Server - IIS, Apache, *etc.*
  - Application Framework - Perl, Python, .NET, J2EE, PHP, Cold Fusion, *etc.*
  - CMS Framework - AxKit, Cocoon, Midgard, Zope, *etc.*
  - Languages - Perl, VB, Java, PHP, Python, *etc.*
  - Databases - Oracle, SQL Server, MySQL, PostgreSQL, any ODBC, *etc.*
  - API - public to allow extensibility.
- Status
  - Release - 2.0, *etc.*
  - Year introduced
  - Number of Installs, Downloads
  - Developer Community (website?, mail list?)
- Marketing
  - Price
  - License (per CPU, per user, *etc.*)
  - Market Position (Revenues, Competitors)
  - Sales Methods (Sales Force, Online)
  - Support Contracts, Consultants
  - Online Demos, Sandbox, Prototype, Trial
- Installation
  - Online How To
  - Hours/Days for Typical Install
  - Documentation online/printed
  - Download site/CD-ROMs
  - Code Commented
- Support
  - Online Help
  - Tutorials
  - Training Classes
  - Cost

- 
- Commercial Contracts
  - Help Desks
  - Independent Consultants

## ***2. Content Creation (Acquisition, Aggregation, Authoring)***

- Acquisition
  - Native support for filetypes
  - Multiple file transfers (FTP, site import)
  - Conversion tools (e.g., Word to XML “chunks”)
  - Rights management
  - Mandatory tagging (force structure and semantics)
  - Supported RDF ontologies (e.g., Dublin Core)
- Aggregation
  - Incoming syndicated feeds
  - Metadata management (read incoming metadata)
  - Integrated Web services (e.g., currency conversion)
  - UDDI tools
- Authoring (Editing Tools, Templating, Tagging)
  - Content Element Editors (Naive and Power Users)
    - WYSIWYG Through-The-Web
    - Text-only Forms
    - XML Editor
    - Spell checker
    - Content objects use templates
    - Asset repository (images, sounds, Flash, video, *etc.*)
  - Template Editor
    - WYSIWYG Through-The-Web
    - Template Gallery
    - XML Editor
  - Tag Editor (semantics and style)
    - Drop-down menus of all tags
    - Metadata Thesaurus
    - Taxonomies/Ontologies online
  - Help online
    - Context-sensitive help
    - Documentation
    - Examples

## ***3. Content Management Proper (Workflow, Editing, Approvals, Staging, Repository, etc.)***

- Workflow
  - Access Permission Levels (Privilege granularity)
    - Number of levels
    - Per User, Per Folder, Per Role, Per Item
    - Flexible assignments to workflow
    - Creator automatic owner
    - User subscription to workflow
  - Check In/Check Out
    - Open page on web (Edit this page)
    - Automatic file lock on open

- 
- Conflict Resolution (who has it?)
      - Instant Messaging (email, phones)
      - Merge Tools, Diffs
    - Workflow Messaging
      - Email notifications (links to work)
      - Status (stage in workflow)
      - Comments at each stage
      - Audit trail (workflow log)
    - Arbitrary Roles (Writers, Editors, Graphic Artists, Rights Managers, Publishers, *etc.*)
  - Versioning
    - Scheduling, Expiration
    - All elements, templates date/time stamped
    - Archive with rollback (per file or site?)
  - Personalization
    - Relationship Management (History)
    - Actions tracking
    - Session/Click/Behavior analysis
    - Individual visitor ID (cookies)
  - Localization
    - Multilingual server
      - Respond to browser language requests
      - Gist translation option
    - Workflow
      - Automatic notifications
      - Quality checkers
    - UI multilingual
  - Reporting
    - Chrono workflow and by worker
    - WebTrends-style for whole site
    - Specific monitors
    - Performance (page delivery times)
  - Storage
    - Format (text, HTML, XML)
    - Database only
    - Files
    - Files and database
  - Backup
    - Onsite and offsite
    - Files and database
    - To nonvolatile media
    - Disaster recovery plan
  - Security
    - Firewall rules
    - Encrypted sessions
  - Staging Server for QA
    - Testing methodology
    - Replicates publishing environment

#### ***4. Content Delivery (Live Server, Publishing, Syndication)***

- Publishing (Delivery)
  - Separate Delivery from Creation/Staging/Testing

- 
- Use different server platform?
    - Replication
    - Synchronization of mirror sites
  - Multi-Publishing to different clients
    - HTML, XHTML, XML
    - PDF
    - PDAs
    - Cell phones
    - Handicap accessibility
  - Syndication
    - RDF Syndicated News Feeds
    - Web services
    - Information feeds

### ***5. Lifecycle Enhancements (Apply to all three stages above)***

- Security
  - Audit trails
  - Users
  - System
  - Network
- Business rules
  - Records policies
  - Privacy policies
- Integration
  - Single authentication
  - Enterprise portal
  - Legacy database reuse
  - Data warehousing
- Metadata management
  - Digital rights management
  - Digital rules management
- Transformations
- Associations
  - Hierarchy, taxonomy
  - Index
  - Cross reference
- Analysis
  - Analytic Tools
  - Pattern recognition
- Search and Locate

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## **PERCUSSION INTRODUCES RHYTHMYX 5 ENTERPRISE CONTENT MANAGEMENT**

*3/31/2003*

Percussion Software introduced version 5 of its Rhythmyx Content Management System (CMS), a major release that extends Rhythmyx into an ECM solution. It also features an architecture for system scaling - De-Coupled Delivery - which supports new delivery platforms as they are adopted. New capabilities in release 5 include: A new Document Management Module; new Rhythmyx Content Connectors for Oracle9i Applications Server and BEA WebLogic portals, the MediaBin Digital Asset Management (DAM) system, and Kofax' Ascent Capture; a new user interface for managing all ECM content; enhanced globalization support for management of multi-lingual content delivered to multiple audiences; and a new Web Services Developer Kit. Rhythmyx 5.0 is sold as a comprehensive ECM solution, or as a basic solution for Web Content Management (WCM) implementations, with a smooth upgrade path to the full ECM product. Both configurations are built on the same ECM foundation code base. Rhythmyx 5 supports Windows NT 4.0, Windows 2000 and Solaris platforms and is available for licensing immediately. [www.percussion.com](http://www.percussion.com)

## **MERANT INTRODUCES LATEST VERSION OF ENTERPRISE CONTENT MANAGEMENT SOLUTION**

*3/31/2003*

Merant announced Merant Collage 4.0. Merant Collage 4.0 is easier to use, delivers advanced deployment capabilities, and offers enhanced support for Oracle9i Database, Microsoft SQL Server 2000, Linux servers and Macintosh clients. Merant Collage 4.0 features enhancements to deployment capabilities, enabling organizations to deploy code and content to databases and portals in addition to staging and production servers. Merant Collage also allows companies to deploy assets residing outside of the Collage repository, associate custom commands with deployment at multiple points of time, and execute custom commands on deployment servers. Merant Collage 4.0 supports Microsoft SQL Server 2000, Linux servers and Macintosh clients, as well as the comprehensive, integrated platform provided by Oracle's end-to-end technology stack, including the Oracle9i Database and Oracle9i Application Server. Merant Collage also supports multiple other operating systems, relational database platforms, application servers, desktop browsers and industry protocols. Merant Collage 4.0 will be available in April 2003. [www.merant.com](http://www.merant.com)

## **REDDOT LAUNCHES CONTENT MANAGEMENT SERVER 5.0**

*3/31/2003*

RedDot Solutions announced the launch of RedDot Content Management Server (CMS) 5.0. Among the new features are improved database support including native Oracle connections, and a graphical workflow designer. The RedDot translation editor is also now available as a server option. RedDot now offers full support for Oracle (in addition to MS-SQL Server and MSDE) as the internal database platform for a RedDot deployment. There is a new graphical browser-based interface for the design and modification of workflow processes within RedDot.

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The RedDot Translation Editor supports a global enterprise with translation tools to assist with the deployment of multilingual sites. Translators are notified via workflow e-mail when content has been created or modified and that content needs to be translated into the language that s/he is responsible for. The RedDot Translation Editor gives the translator a split-screen text editor with one side displaying the original content and the other a text editor ready for the translator to input the content in the language needed. For a detailed list of CMS 5.0 features and functionality, see [www.reddot.com/product/product\\_v5.htm](http://www.reddot.com/product/product_v5.htm)

## **LEGATO INTEGRATES VERITY SOFTWARE INTO CONTENT MANAGEMENT SUITE**

*3/31/2003*

Verity Inc. announced its Verity K2 Developer (K2D) software has been embedded into ApplicationXtender, an integrated suite of enterprise content management solutions from LEGATO Systems Inc. Verity K2D complements ApplicationXtender's foreign language support in the enhanced search capability by supporting the languages offered by ApplicationXtender -- Japanese, Spanish and Brazilian Portuguese. [www.verity.com](http://www.verity.com)

## **ENDECA & CLEARFOREST ANNOUNCE STRATEGIC PARTNERSHIP**

*3/31/2003*

Endeca and ClearForest announced a partnership that will provide customers with the ability to search, explore and navigate unstructured enterprise data. ClearForest will offer unstructured data auto tagging to customers deploying Endeca ProFind enterprise search application solutions. Endeca and ClearForest have integrated their technology products to provide a more powerful information retrieval system for large corporate and government users. Through its automated creation of metadata, ClearTags transforms unstructured content and makes it as accessible as the structured information typically found in databases. In combination with Endeca ProFind, an advanced search and Guided Navigation application, users will benefit from search and navigation of unstructured data. [www.endeca.com](http://www.endeca.com), [www.clearforest.com](http://www.clearforest.com)

## **PLUMTREE ANNOUNCES INTEGRATION WITH FILENET ENTERPRISE CONTENT MANAGEMENT**

*3/27/2003*

Enterprise Web technology leader Plumtree Software announced an integration suite that delivers access to FileNet's P8 enterprise content management (ECM) architecture through the Plumtree Corporate Portal. The integration suite, developed and supported by Soft Cell, consists of portlets for incorporating FileNet's content and business process management, and a certified Crawler Web Service for indexing and meta-tagging FileNet content in the Plumtree Corporate Portal Document Directory. The Crawler Web Service for FileNet Content Services by Soft Cell periodically scans the FileNet repository for the latest document versions and new content, and creates links in the portal's document directory to text documents, images, spreadsheets or other forms of content. The Crawler and portlets are available from Soft Cell and Plumtree. [www.softcell.be](http://www.softcell.be), [www.plumtree.com](http://www.plumtree.com)

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## **ARTESIA RELEASES TEAMS ADAPTER FOR VIGNETTE CONTENT MANAGEMENT**

3/26/2003

Artesia Technologies announced the immediate availability of a newly developed integration adapter linking the Artesia TEAMS solution with Vignette's family of content management and portal solutions. With the release of this product, enterprises can integrate Artesia's digital asset management solutions with Vignette's solutions. The jointly developed integration package is currently available. Pricing information may be obtained through Vignette and Artesia.

[www.artesia.com](http://www.artesia.com)

## **HUMMINGBIRD ACQUIRES KEY AUTOMATION/DISPRO**

3/26/2003

Hummingbird Ltd. announced the acquisition of Key Automation Nederland B.V. and its affiliate Dispro B.V. (herein referred to as "Key Automation/Dispro") privately held distributors and integrators of document management solutions in the Netherlands and Benelux. Key Automation/Dispro are long standing Hummingbird partners in the deployment and integration of Hummingbird products. While their expertise spans multiple industries, Key Automation/Dispro is mostly recognized in the government sector for document, records and correspondence management solutions. Key Automation/Dispro provide product integration, deployment, implementation and educational services that deliver single source point of support to manage the entire life cycle associated with enterprise information management solutions.

[www.hummingbird.com](http://www.hummingbird.com)

## **MEDIABIN & SMARTPATH PARTNER**

3/25/2003

SmartPath Inc. announced a strategic partnership with MediaBin Inc. The integration of SmartPath's MRM (Marketing Resource Management) solution with MediaBin's DAM (Digital Asset Management) solution provides comprehensive functionality to support production and project management initiatives for all marketing activities. This integration will offer large marketing organizations the capabilities they need to speed marketing campaigns and product launches while increasing efficiencies and reducing costs. [www.smartpathinc.com](http://www.smartpathinc.com), [mediabin.com](http://mediabin.com)

## **WEBWARE INTRODUCES ACTIVEMEDIA ACCESS**

3/25/2003

WebWare Corporation announced the introduction of WebWare ActiveMedia Access, an enterprise-ready digital asset management system for under \$50,000. ActiveMedia Access is engineered for the enterprise but designed for the needs of the workgroup. It enables enterprise workgroups, creative agencies, video post-production facilities, and similar environments to create a digital library for rich media: key graphics, layouts, illustrations, slide presentations, and video. ActiveMedia Access is built on the web services-based ActiveMedia 4 content management engine. ActiveMedia Access lets project managers assign sophisticated business rules to a company's digital assets at the workgroup level without the need for database administrators or outside professional services. It also allows authorized users to access, approve, track, audit, and transform product and marketing content instantly and securely over the Internet. ActiveMedia Access runs on Microsoft Windows 2000 and SQL Server, or Sun Solaris. It is available as both an installed software solution or a fully hosted service. [www.webwarecorp.com](http://www.webwarecorp.com)



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## **ARTESIA INTEGRATES DIAMONSOFT'S FONT SENSE**

3/25/2003

DiamondSoft Inc. and Artesia Technologies announced the integration of Diamondsoft's Font Sense technology into the Artesia TEAMS Creative Client. Font Sense enhances the Artesia TEAMS digital asset management solution by identifying and recording critical information about fonts used in digital content, thus preventing workflow interruptions that may occur due to missing fonts or incorrect font usage. When ingesting files, the TEAMS Creative Client can now automatically extract and store the Font Sense identification provided by Font Reserve Server as metadata in TEAMS. If a user needs to reprint an asset -- perhaps years after its creation -- the correct fonts are always available via Font Reserve Server, eliminating wasted time spent searching for the correct font. Additionally, when assets must be sent to a third-party collaborator or partner, fonts can be collected and automatically attached to the content upon export from Artesia's TEAMS. [www.artesia.com](http://www.artesia.com), [www.fontreserve.com](http://www.fontreserve.com), [www.diamondsoft.com](http://www.diamondsoft.com)

## **W3C ISSUES XPOINTER RECOMMENDATION**

3/25/2003

The World Wide Web Consortium released XPointer as a three-part W3C Recommendation. The "XPointer Framework" is an extensible system for identifying regions in XML documents which provides for multiple addressing schemes. The "element()" scheme allows basic addressing of XML elements in terms of a document's tree structure. The "xmlns()" scheme is used to interpret namespace prefixes in scheme names and pointers. [www.w3.org/TR/2003/REC-xptr-framework-20030325/](http://www.w3.org/TR/2003/REC-xptr-framework-20030325/)

## **XEROX LICENSES DRALASOFT WORKFLOW FOR DOCUSHARE**

3/24/2003

Dralasoft announced that Xerox Corporation has licensed Dralasoftware Workflow for inclusion into DocuShare, Xeroxs Web-based document and content management software. By embedding Dralasoftware Workflow engine into DocuShare, Xerox can help its DocuShare customers route documents more efficiently across their enterprises through workflows built with modeling tools that automate and map customer business processes. As a document repository, DocuShare keeps critical information safe, yet easy to access. Users can store any file type, including office documents, images, media files and graphics. As a content management system, it updates and manages the content of a Web site. As a collaborative project management system, it enables users to organize, manage and share all of a projects information. Its Java-based DocuShare platform will enable third parties to develop custom workflow applications through Dralasoftware Workflow. DocuShare runs on Windows, Linux and Solaris systems. Dralasoftware products provide the capability to integrate workflow technology into Java-based systems using Java, XML, SOAP, LDAP, HTTP and JDBC. [www.dralasoftware.com](http://www.dralasoftware.com), <http://docushare.xerox.com>

## **FAST UNVEILS DATA SEARCH 3.2**

3/24/2003

Fast Search & Transfer (FAST) unveiled FAST Data Search 3.2, an advanced version of its real-time search solution that is designed for organizations seeking either departmental or enterprise wide solutions. Offered as FAST Data Search Professional, FAST Data Search Enterprise, and FAST Data Search SST, the FAST Data Search product line now includes Live Analytics, which enables "on-the-fly" data and information analysis with a dynamic drill-down capability, where end users can tap the specific information they need based on the actual data in the result set, rather than pre-defined binning of the data. Also now included is the Business Manager's Con-

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trol Panel, so business managers can tune the search attributes of the data source. Additional enhancements include improvements to the combination of structured and unstructured data capabilities, automatic document categorization, dynamic result clustering, and similarity based results analysis. Advanced linguistics support for Japanese was added, and automatic language detection was increased to support 54 languages. FAST Data Search also now includes enhanced security features and supports HP-UX and Red Hat Linux Advanced Server, in addition to IBM AIX, Red Hat Linux, Solaris, and Windows 2000/XP. [www.fastsearch.com](http://www.fastsearch.com)

## **IXOS & CONVERA PARTNER**

*3/24/2003*

Convera and IXOS Software Inc. announced a new partnership designed to assist enterprise customers in managing large volumes of business documents and email communications. IXOS will sell Converas RetrievalWare search and categorization software as an optional component of the IXOS-eCONserver product. The combined solution will add Converas search capabilities to enable customers to retrieve email messages, attachments and other business documents from the IXOS-eCONserver archive for a variety of purposes, including records management, discovery and general knowledge management. The solution, available immediately, will be sold to the commercial and federal market by IXOS North American sales teams in the United States, Canada and Mexico. [www.ixos.com](http://www.ixos.com), [www.convera.com](http://www.convera.com)

## **CONVERA LAUNCHES TAXONOMY DEVELOPER PROGRAM WITH 10 PARTNERS**

*3/24/2003*

Convera announced that it has certified ten partners as part of its new Taxonomy Developer Certification Program. Under the program, Convera trains and certifies IT and knowledge management professionals in the development and deployment of custom taxonomies and classifications using Converas new RetrievalWare Categorization and Dynamic Classification product. Participants who completed the five-day certification program include Access Innovations, Advanced Technology Systems (ATS), Bleuphish, Creative Technology Inc., IBM Italia, KAPS Group LLC, Mitre, MZM Inc., SRA International Inc., and Veridian Engineering. Certified Taxonomy Developers will serve as consultants and service providers to assist Convera customers in understanding their information management needs, organizing their information in a way that best serves their objectives, and developing well-tuned taxonomies for use with Convera software. Certified Taxonomy Developers also will have the opportunity to market cartridges that they have developed within the Convera customer base as pre-built taxonomies. [www.convera.com](http://www.convera.com)

## **BACKWEB ENHANCES PROACTIVEPORTAL SERVER**

*3/24/2003*

BackWeb Technologies announced Version 3 of its ProactivePortal Server offering. The new product release enables mobile professionals to not only access their portal offline, but also update portal data while they are disconnected from the network. The BackWeb ProactivePortal Server integrates with portal frameworks to enable offline interaction with critical content and applications with essentially the same personalized user experience that occurs online. ProactivePortal Server v3 delivers a two-way synchronization capability that enables end users to fill and submit portal-based forms while disconnected from the network. Once the user reconnects online, the forms are synchronized up to the BackWeb ProactivePortal Server and applied to through the portal to the underlying applications. This ensures all updated and altered information is automatically stored and synchronized. BackWeb ProactivePortal Server v3 is available immediately and can be purchased through SAP, IBM and BackWeb. [www.backweb.com](http://www.backweb.com)

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## **eMETA UNVEILS eRIGHTS SUITE**

3/24/2003

eMeta Corporation announced the availability of the eRights Suite. The eRights Suite provides the infrastructure, applications and insight necessary to secure and sell digital assets and services. The new Suite enables enterprises to create, control and commercialize digital offerings that are synchronized to specific business needs and models, assets and audiences. The eRights Suite is composed of RightAccess 3.0, RightCommerce 3.0, and RightServices 1.0. RightAccess provides the infrastructure necessary to protect and manage access to digital assets and services. Offering advanced authentication and authorization, delegated administration, and metadirectory features. RightCommerce contains packaging, pricing, customer care, billing and payment applications. RightServices provides a solution for the protection and commercialization of those assets, and is optimized for non-traditional online assets such as software services and software code. RightCommerce may be integrated with Content Management, CRM, and DRM systems. [www.emeta.com](http://www.emeta.com)

## **ADVENT ANNOUNCES 3B2 V8**

3/20/2003

Advent Publishing Systems announced a new and substantially enhanced version of its 3B2 software, Version 8, at XML Europe on May 5th 2003. Version 8 of 3B2 implements a range of XML-related international standards including XSL-FO, XPath, XSLT, and SVG. Additional features in Version 8 of Advent 3B2 software include: page building on the fly wherein content can determine page layout, more consistent 3B2 programming commands, a new de-bugging tool that streamlines the development and debugging of templates and formats, a new format profiler for producing job statistics on the processing speed of a job, font quick tables to make fonts more accessible, new and improved CALS libraries for use with SGML and XML, entity libraries to support ISO standard entity sets, and an improved and enhanced user interface. Version 8 will be available for customer shipment beginning Monday 5th May 2003.

[www.3b2.com/v8](http://www.3b2.com/v8)

## **CAMBRIDGE DOCS & ALTOVA ANNOUNCE xDOC XML CONVERTER PLUG-IN FOR XMLSPY**

3/19/2003

Altova software and CambridgeDocs announced the xDoc Plug-in, a tool for migrating unstructured content from Microsoft Word, HTML, and PDF documents, directly into Altova's XMLSPY. The combined solution helps businesses transform volumes of pre-existing unstructured documents into DocBook XML, LegalXML, NewsML, HR-XML, SCORM, and other customer-specific schemas. The resulting XML content can be stored in content management systems, databases and XML repositories. XMLSPY users would be able to select "Open From Microsoft Word", "Open From HTML", "Open From PDF" or from any other supported format, and have the documents automatically converted into XML, along with an appropriate XSLT stylesheet required to view the XML as a well-formatted document. The xDoc Plug-in is a Java 2 platform engine and works on Windows 2000 and Windows XP. The application can be downloaded for immediate evaluation and purchase. [www.cambridgedocs.com/products\\_xmlspyplugin.htm](http://www.cambridgedocs.com/products_xmlspyplugin.htm), [www.altova.com/download](http://www.altova.com/download)

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## **VERIDOCs RELEASES XMLDOCS 1 WITH "TEMPLATE DESIGNER"**

3/19/2003

Veridocs announced the availability XMLdocs Version 1, a hosted XML document authoring and management system. For the release, Veridocs has added a flexible new "Template Designer" feature not available on the products Beta Version. Template Designer makes it simple for organizations to create templates from schemas (or use an existing template from XMLdocs as a starting point for a new template) for everything from press releases and product descriptions to knowledge-based articles and help documents. Using these templates, non-technical users write XML documents via the XMLdocs Editor's word-processor-like interface. Documents can then be exported for publication on a Web site or elsewhere through a Web Service. XMLdocs is priced to be affordable for everyone interested in authoring content in XML. Individual users can register for the product and create a personal workspace for free. Group fees start at \$99 per month. [my.xmldocs.com/register](http://my.xmldocs.com/register)

## **MONDOSOFT & SITECORE TO PROVIDE ENHANCED CONTENT MANAGEMENT**

3/18/2003

Mondosoft announced an integration between MondoSearch site search and SiteCore's content management system. The integration enables MondoSearch enterprise search to index and retrieve content managed by SiteCore content management system to provide information retrieval and immediate access to business content. Both solutions use Microsoft .NET built technology. Web site owners will also have the advantage of visitor search activity reporting to determine who is using the search function, what information they are looking for and, what they are finding and not finding on the site. Content can be simply adjusted and refined using both SiteCore and MondoSearch. [www.mondosoft.com](http://www.mondosoft.com)

## **XYENTERPRISE ANNOUNCES WEB SERVICES DEVELOPMENT KIT FOR XML PUBLISHING**

3/18/2003

XyEnterprise announced a new Web Services Development Kit for its XML Professional Publisher (XPP) software line. This new Web Services interface makes available the XML publishing capabilities of XPP to Web interfaces, portals, and application integrations, providing rapid deployment of automated XML publishing solutions in environments as diverse as corporate IT services to consumer "publish on demand" applications. The new Web Services offering exposes the composition, transformation and rendering capabilities of the XPP software through a SOAP/XML interface. This API provides access for customers and developers, enabling them to build customized end-user interfaces in support of distributed XML publishing services. Web Services also supports the deployment of XPP as an embedded batch processing engine able to transform XML content to PDF, print, and Web output on demand. [www.xyenterprise.com](http://www.xyenterprise.com)

## **SDLX TRANSLATION SUITE 2003 LAUNCHED**

3/18/2003

SDL Desktop Products has announced the launch of a new version of its SDLX Computer Aided Translation system with over 20 new enhancements. SDLX Translation Suite 2003 is a complete and secure translation environment for corporations, translation companies and freelance translators. [www.sdlx.com](http://www.sdlx.com)

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## **SEMAGIX SHIPS FREEDOM 3.0**

3/17/2003

Semagix announced that it is shipping version 3.0 of its Freedom platform for enhancing meta-data and integrating enterprise information from structured and unstructured content sources. Semagix Freedom is a semantics-based Enterprise Information Integration (EII) software platform that is used to aggregate and relate large volumes of heterogeneous information held in disparate locations. The enhanced features of Freedom 3.0 simplify and reduce the cycle for System Integrators to implement the Freedom platform. Semagix has enhanced several usability, scalability and performance features. Semagix's Freedom 3.0 is available immediately with prices starting at \$75,000 per processor. [www.semagix.com](http://www.semagix.com)

## **INTRASPECT ANNOUNCES NEW COLLABORATION SOLUTIONS**

3/17/2003

Intraspect Software, Inc. announced a new set of collaboration solutions. Comprised of the Solution Suite for High Technology, Solution Suite for Financial Services and Solution for Project Delivery/PMO, these new offerings incorporate best practices from over 400 solutions implementations with 200 customers. These solutions can be implemented faster when compared to generic collaboration products. Intraspect Solutions are a combination of its collaboration software platform -- Intraspect 5, application-specific user interfaces and data models, business process models and workflows, connectors to enterprise applications and packaged consulting services designed to meet the needs of Fortune 1000 customers. [www.intraspect.com](http://www.intraspect.com)

## **VERITY PROVIDES STELLENT CERTIFIED CATEGORIZATION FOR CONTENT MANAGEMENT**

3/17/2003

Verity, Inc. announced Stellent Inc. has certified specially-tailored Verity categorization technology for use with its content management system. The integration of the Verity Profiler product with the Stellent Content Management system allows enterprise users and administrators to populate Stellent Content Server metadata quickly, accurately and automatically when new or modified content is added into a Stellent data repository. It complies with Stellent's API for categorization, offering Stellent customers a new choice to best meet their categorization needs. [www.stellent.com](http://www.stellent.com), [www.verity.com](http://www.verity.com)

## **ALTOVA & DATAPOWER TEAM**

3/17/2003

DataPower Technology, Inc. and Altova, Inc. announced the availability of XMLSPY 5 integrated with the Datapower XS40 XML Security Gateway. The unified solution addresses enterprise the need for centralized XML Web Services security without forcing application developers to alter pre-existing design and deployment practices in any way. The XMLSPY 5 XML development environment provides visual design, development and debugging for all types of XML documents including XML schema, XSLT, SOAP and WSDL. DataPower's XS40 is an XML security gateway providing XML filtering, schema validation, XML Encryption, XML Signature, WS-Security and others. Security policies within the DataPower XS40 are XML-based so developers can use existing XML Schema, WSDL and other XML application files to assign filtering rules, access control and overall policy management. XMLSPY 5 and XS40 as integrated solution is available immediately. Pricing for the solution starts at \$64,995. The XMLSPY 5 Professional Edi-

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tion includes an XSLT debugger and is available for stand-alone purchase for \$399 from the Altova online shop. [www.altova.com](http://www.altova.com), [www.datapower.com](http://www.datapower.com)

## **STELLENT ACQUIRES ACTIVE IQ ASSETS**

3/17/2003

Stellent, Inc. announced it has acquired selected assets of Active IQ Technologies for \$650,000 in cash, or approximately one times the acquired annualized recurring revenue. The transaction will have no revenue effect on Stellent's March 31, 2003 quarter and is expected to be accretive for Stellent's fiscal year 2004. There is no ongoing business relationship between the company and Active IQ. Under terms of the agreement, Stellent has acquired technology, customer agreements and other assets related to the hosted application business that Active IQ built based upon the Stellent Content Management system. The company has assumed Active IQ's current subscription revenue agreements with customers and will continue to market the hosted applications for vertical markets. Stellent will also offer general hosting capabilities to other content management prospects and customers. Stellent has hired Active IQ sales, marketing and development staff, and Active IQ president and chief executive officer Jack Johnson is now Stellent's vice president of hosted solutions. [www.stellent.com](http://www.stellent.com)

## **INSTRANET ANNOUNCES CHANNELS IN-LINE 3.2**

3/13/2003

InStranet, Inc. announced the release of version 3.2 of its Channels In-Line (CIL) application featuring built-in analytics. With a strong emphasis on feedback and measurement, these analytics enable managers to make informed sales and marketing decisions based on market pressures, competition and channel needs. In addition to publishing and syndicating information, companies can measure its effectiveness in real-time. CIL 3.2 ships with the following business indicators as part of the new analytics module: Field Audit, Awareness Ratio, and Document Effectiveness Metric. CIL is a web-based application that ships with InStranet's Content Application Foundation. It includes the following content and document management modules: publishing, workflow, file system agent, syndication, user management, security, metadata tracking and organization, multi-dimensional segmentation engine and application content exchange. CIL is targeted at companies with multiple distribution channels, large sales organizations, and multiple customer touch points within the following industries: retail, financial, manufacturing, CPG, healthcare and technology. [www.InStranet.com](http://www.InStranet.com)

## **VIGNETTE ANNOUNCES V7 CERTIFICATION FOR IBM**

3/13/2003

Vignette Corp. announced certification of Vignette V7 for IBM software and hardware solutions. Vignette V7's support for IBM infrastructure provides current and prospective customers with the ability to standardize on a unified solution for managing content and portals across the enterprise. The Vignette and IBM solution addresses the challenges of creating and managing portals and Web sites to deliver the right enterprise information and business processes to each audience. When combined, IBM's application infrastructure and hardware and Vignette's content management and portal applications enable organizations to deploy enterprise Web applications that protect and leverage investments in enterprise applications, databases, application servers, security and operating systems. Vignette's support for the IBM platform now includes the AIX operating system, WebSphere Application Server, DB2 Universal Database, IBM Directory Server, WebSphere Portal Server, IBM MQSeries, IBM Content Manager 8, Lotus Notes and Lotus Domino. [www.vignette.com](http://www.vignette.com)



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## **HI SOFTWARE INTEGRATES WITH MICROSOFT CONTENT MANAGEMENT SERVER**

3/13/2003

HiSoftware, Inc. announced integration between its AccVerify, AccMonitor Server and Microsoft Content Management Server (CMS) 2002, enhancing the ability to ensure that websites meet Section 508 recommendations and organizational Web content quality standards. The combined solutions allow for integrated access for verification of accessibility and content quality throughout the different layers of CMS managed Web sites. AccVerify, AccMonitor and Content Management Server integration can be used together "out-of-the-box" with no additional development resources required, so that content quality and accessibility verification is seamlessly integrated into the development, deployment and delivery of the CMS-driven Web sites. These solutions also allow organizations to address accessibility and content quality verification issues related to XML-based Web services. [www.hisoftware.com](http://www.hisoftware.com)

## **KM TECHNOLOGIES & SWINGTIDE PARTNER**

3/12/2003

KMtechnologies Inc. announced a new partnership agreement with Swingtide. FSwingtide has licensed KMtechnologies' work2gether platform to deliver the Swingtide QoB Assistant. Leveraging the work2gether collaborative features, the QoB Assistant is a productivity tool for architects and developers to understand, define and manage the interoperability of XML used in service-oriented architectures. The QoB Assistant is a software application packaged with an online knowledgebase of XML standards that's accessible from your network. The QoB Assistant automates planning in several key ways. First, the QoB Assistant lets you make specific choices about XML and make them persistent across your local copy of the knowledge-base as design guidelines. Second, several people can work and collaborate on a design simultaneously. The QoB Assistant comes complete with discussion thread capability, email notification when team members update a portion of the design, and even support for distance collaboration. Additionally, the QoB Assistant enables you to add custom content that can be leveraged by the rest of the team. [www.kmtechnologies.com](http://www.kmtechnologies.com) [www.swingtide.com](http://www.swingtide.com)

## **FAT WIRE INTRODUCES FREE CONTENT MANAGEMENT PORTLETS FOR WEBSPHERE**

3/11/2003

FatWire Software introduced a new dCM Integration kit with six free FatWire dCM portlets for IBM's WebSphere Portal. The portlets allow business users to easily create and modify both structured and unstructured content and publish it to the WebSphere Portal to provide users with fresh, relevant information. The new dCM Integration Kit provides J2EE integration between FatWire's dynamic content management software, UpdateEngine, and IBM's WebSphere Portal v4.1 to allow business users to easily create, edit and publish content to WebSphere Portals. FatWire's six new dCM content-rich display portlets include The User Display Portlet, The Launch Pad Portlet, The News Portlet, The Job Listing Portlet, The Document Portlet, and The Advertisement Portlet. The dCM Integration Kit and six portlets are available from the IBM Portlet Catalog (Code: 1WP1000CK). [www.ibm.com](http://www.ibm.com), [www.fatwire.com](http://www.fatwire.com)

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## **INTERWOVEN OPENS ITALIAN OFFICE**

3/11/2003

Interwoven, Inc. announced the official opening of its office in Milan, Italy. The new Interwoven Italian office is located at Via Monte di Pietà, 21, 20121 Milano, Italia; Tel: +39 02 86 33 7 237. [www.interwoven.com](http://www.interwoven.com)

## **SCENE7 INFINITE IMAGING PLATFORM INTEGRATES WITH IBM DB2 CONTENT MANAGER**

3/11/2003

Scene7, Inc. announced the integration of its Infinite Imaging Platform with IBM DB2 Content Manager Version 8.2. IBM and Scene7 jointly market Scene7's platform with IBM software and hardware platforms. Scene7 clients can computer generate any digital image they need -- in photo quality -- for uses including Websites, catalogs, partner extranets and marketing collateral. Scene7 integration includes the ability to publish dynamically generated imagery, including related image attributes and server requests, to IBM DB2 Content Manager v8.2 as a secure repository. Within Content Manager's standard e-client, users can directly view all published images and related metadata. Using Scene7's enhanced e-client, these users can search, browse, edit and transform image assets directly from IBM Content Manager. In support of this integrated solution, Scene7's platform operates on all major IBM environments, including DB2, WebSphere Application Server, Linux, AIX, Portal Server, and eServer hardware (xSeries, pSeries). [www.scene7.com](http://www.scene7.com) [www.ibm.com/software/data/cm](http://www.ibm.com/software/data/cm)

## **DOCUMENT SCIENCES INTRODUCES xPRESSION**

3/10/2003

Document Sciences Corporation announced the release of xPression, a content processing services architecture. xPression extends the capabilities of enterprise Content Management, CRM, Portal and Business Application systems through a J2EE/XML component-based architecture. xPression uses XML to connect an organization's existing workflow components. xPression works with Microsoft Word to design documents based on business rules. xPression can communicate with any solution, customize content at a high level of granularity, generate output through multiple channels and handle both transactional and high-volume batch processes. It runs on an IBM WebSphere, and is compatible with Windows 2000, Solaris, AIX, and HP/UX platforms. Support for BEA WebLogic, and z/OS will be added later this year. Xpression is Unicode compatible. It integrates with Oracle, DB2, and SQL Server. Xpression's Upgrade Utility allows companies currently using Document Sciences' Autograph DLS product to migrate their applications to the xPression environment if application server operability is desired. Supported output formats include: PDF, HTML, Postscript, AFP, Metacode, and PCL. [www.docscience.com](http://www.docscience.com)

## **MICROSOFT RELEASES "OFFICE SYSTEM" BETA 2**

3/10/2003

Microsoft Corp. began distributing a half-million copies of the beta 2 version of the new Microsoft Office System to customers and partners worldwide. Seven Office System products are provided in the beta evaluation kit, including beta 2 versions of the new Microsoft Office Suite (Word, Excel, Outlook, PowerPoint and Access), the two new Office System additions, Microsoft Office InfoPath, Microsoft Office OneNote, as well as Microsoft Office FrontPage, Microsoft Office Publisher, Microsoft Windows SharePoint Services and Microsoft Office SharePoint Portal Server "2.0.". The products were developed with four key design goals in mind: information in-



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telligence, process management, effective teaming, and personal impact. The release of the Microsoft Office System to beta 2 testing enables Microsoft business partners to build information worker solutions that incorporate collaboration and portal capabilities and improved desktop tools. Business partners also can begin testing the new information and research services they will be able to offer as Web services. Microsoft Office System products are scheduled for release in mid-2003. Pricing and availability are unavailable. [www.microsoft.com/office/preview/](http://www.microsoft.com/office/preview/)

## **FACTIVA SERVICES TO BE INTEGRATED INTO MICROSOFT OFFICE 2003**

*3/10/2003*

Factiva and Microsoft, Inc. announced a relationship that will deliver news and business information from Factiva into the Microsoft Office 2003 suite. Factiva's first solution for Office 2003, Factiva News Search, will allow information workers to conduct research on Factiva's 8,000 sources directly from a report or presentation they're creating. For example, while drafting a competitive brief in Word 2003, competitive intelligence professionals can use Factiva News Search to quickly look up industry trends from newspapers, journals, and newswires from around the world and insert that research into their document. Factiva News Search will be integrated into the Research Task Pane of all Microsoft Office 2003 applications, including Word 2003, Excel 2003, Access 2003, Outlook 2003, and PowerPoint 2003. Factiva News Search is currently available as part of the Microsoft Office 2003 Beta 2 trial. Factiva's investment in a platform based on XML and Web services enabled its integration with the Microsoft Office 2003 system. While evaluating beta test feedback, Factiva and Microsoft will also be researching customer solutions that can be built on top of the Office 2003 System. [www.factiva.com](http://www.factiva.com)

## **ZYLAB ADDS XML SUPPORT**

*3/10/2003*

ZyLAB announced that it has enhanced its ZyIMAGE data storage and records management & archival product suite by incorporating XML as the data format to store scanned and electronic documents. A key driver to incorporating XML data formats is to help ZyLAB customers better adhere to corporate governance legislation such as Sarbanes Oxley, which is designed to ensure organizations have clear policies, proper records management systems, and adequate audit trails for its enterprise-wide information. [www.zylab.com](http://www.zylab.com)

## **TRADOS ANNOUNCES TM SERVER**

*3/10/2003*

TRADOS Incorporated announced that it would release, in late April, TRADOS TM Server, their next-generation Translation Memory technology. TRADOS TM Server is a central translation memory database server that can be accessed simultaneously by hundreds of translators and enables corporations to maintain extremely large translation memory databases. TRADOS TM Server processes tasks on translation memories with tens of thousands or millions of translation units equally fast, whether there are 2, 20 or 200 users accessing the database simultaneously. Microsoft SQL Server and Oracle database back-ends are supported on both Windows and Unix. TRADOS TM Server can be integrated into all common document and content management systems, including Documentum, Tridion, Astoria, Vignette and Interwoven. It can also be used to power custom workflow applications, translation portals, *etc.* TRADOS TM Server will be available for commercial deployment late April 2003. [www.trados.com](http://www.trados.com)

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## **IXIASOFT RELEASES XMP-ENABLED TEXTML SERVER 2.3**

3/10/2003

IXIASOFT announced the general availability of TEXTML Server 2.3, the latest version of its native XML database. IXIASOFT unveiled features that enhance the performance and flexibility of TEXTML Server, including support for Adobe's XMP (Extensible Metadata Platform) framework, improved support for Namespaces, and a new WebDAV Server. Introduced by Adobe, the XMP framework enhances workflows so that content can be applied between print, Web, eBooks and other media. Adobe XMP is available as an open-source license and uses a W3C based RDF syntax, it provides an XML-based metadata framework for embedding metadata within application files. With its support of XMP, TEXTML Server 2.3 enables the extraction and indexing of metadata embedded inside images, PDFs or any other binary format. Since the metadata is embedded in a file, the information remains with the file throughout its life, facilitating the exchange of metadata between applications. XMP was designed to be extensible and provides the means for customizing metadata based on specific requirements. IXIASOFT has also added improved support for Namespaces, enabling the use of Namespace validation as part of the index definition process. [www.ixiasoft.com](http://www.ixiasoft.com)

## **ATOMICA RELEASES GURUNET 4.0**

3/6/2003

Atomica Corporate announced the immediate availability of GuruNet 4.0, an advanced version of its application for Windows PC's, and the successor to Atomica Slingshot. With a single click on any word or phrase on the screen, GuruNet delivers real-time and reference information, including dictionary and encyclopedia terms, thesaurus, acronyms, technical terms, company descriptions, stock quotes, biographies, news, sports, weather, maps, translation and more. GuruNet's technology displays an unobtrusive pop-up window on demand, without interrupting users' work. It works within any Windows application: e-mail, Office, enterprise apps and web browsers. Answers are activated by an alt-click on any word on the screen; GuruNet provides an instant definition, overview or snapshot description. GuruNet displays pre-compiled and organized reference data from over 50 premium content sources. Among its improvements are: user interface innovations; richer, more dynamic content; expanded customization; instant audible word pronunciation; and an advanced power query capability. In addition to single end-user licenses, the company offers educational, corporate and large-organization group discounts. [www.atomica.com](http://www.atomica.com)

## **IMANAGE ADDS ECM & HUBBARD ONE AS PARTNERS**

3/5/2003

iManage, Inc. announced two partners in the legal and corporate markets: eCM, a provider of outsourced electronic content management and cataloging systems, and Hubbard One, a provider of software to legal departments and law firms. iManage partners resell, deploy and build products and add-ons that complement the iManage WorkSite suite, which delivers document management, collaboration, workflow and knowledge management accessible through an integrated portal in a single integrated Internet solution. eCM provides complete outsourced content management and cataloging solutions for corporate and corporate legal clients. The firm converts content to structured formats to prepare it for electronic distribution applications including e-commerce, electronic publishing and online information services. Hubbard One develops intranets, extranets and Web sites for corporate legal departments and law firms increase. Hubbard One will work with customers to integrate the iManage WorkSite suite with their own software suites: LegalConnect for corporate legal departments and FirmConnect for law firms. [www.electrccm.com](http://www.electrccm.com), [www.hubbardone.com](http://www.hubbardone.com), [www.imanage.com](http://www.imanage.com)

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## **SOFTWARE AG ADDS DIGITAL SIGNATURE SUPPORT TO TAMINO**

3/5/2003

Software AG, Inc. announced the availability of a new software component for its Tamino XML Server 4.1 that allows the native XML server to validate digital signatures in support of secure electronic communications. Tamino XML Security Extensions makes the completion of legally binding contracts and other sensitive transactions over the Internet more secure and convenient. Digital signature technology allows the author of an electronic document to digitally "sign" the document and check later to see if the document has been modified without permission. Tamino XML Security Extensions automatically checks whether an electronic document has been given a digital signature, and verifies the validity of the signature during the database storage transaction for the signed document. A Developer Community download for Tamino XML Security Extensions is available. <http://developer.softwareag.com/tamino/download.htm>

## **COREL ANNOUNCES WORDPERFECT OFFICE 11**

3/5/2003

Corel Corporation unveiled the new version of WordPerfect Office 11, scheduled for North American availability in spring 2003. WordPerfect Office 11 includes new Document Map and Collaborative Review functions, Reveal Codes, and RealTime Preview. A new Classic Mode features the WordPerfect 5.1 user environment, complete with a blue screen interface and WordPerfect 5.1 keystrokes. An enhanced legal toolbar adds features from WordPerfect Law Office Editions, including the Pleading Wizard, Concordance macro tool and Publish to EDGAR. Improved XML integration gives users the ability to publish slide shows, spreadsheets and WordPerfect files to XML. File sharing capabilities include Publish to PDF features in WordPerfect and Presentations, suite-wide Publish to HTML capabilities, and support for ODMA (Open Document Management API). New email Document Routing capabilities and Microsoft Outlook Address Book connectivity lets users collaborate via Microsoft Outlook. Set for availability in late April, WordPerfect Office 11 will be offered in Standard and Professional editions, with the Professional edition as a license-only offering. WordPerfect Office 11 Standard edition has a suggested retail price (SRP) of \$299.99US. Existing users of WordPerfect Office will be eligible to purchase WordPerfect Office 11 Standard at the upgrade SRP of \$149.99US. A special edition to serve the education market will be available at an SRP of \$99.99 US. [www.corel.com](http://www.corel.com)

## **PROGRESSIVE INFORMATION TECHNOLOGIES & ROCKLEY GROUP FORM PARTNERSHIP**

3/4/2003

Progressive Information Technologies announced a new partnership with The Rockley Group. Progressive and The Rockley Group will work together in an educational forum to be able to offer organizations the best content management solutions possible for their publishing needs. Vasont 8.0, Progressive's content management system for cross-media publishing, solves the challenge of repurposing content across all media - print, Web, CD-ROM and wireless channels - while ensuring enterprise-wide content integrity. [www.vasont.com](http://www.vasont.com), [www.rockley.com](http://www.rockley.com)

## **CROWNPEAK ADDS EMAILLABS' EMAIL SOLUTION TO ADVANTAGE CMS**

3/4/2003

CrownPeak Technology unveiled AdvantageMail, a complete email campaign solution that provides customers with interface components for rich media email creation, publishing, and management, all incorporated into CrownPeak's Advantage CMS. The AdvantageMail system draws

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on a partnership with EmailLabs, a provider of advanced email marketing technology solutions. Like CrownPeak, EmailLabs follows the Software-as-Service (SaS) model. CrownPeak's AdvantageMail system enables customers to integrate Website workflow with both email and site content. Advantage CMS customers can easily create, design, and publish an email. Simultaneously, the system can automatically update the site, create a customized landing page or even automatically create an updated archive of the newsletter listing. CrownPeak customers can manage their email campaigns from the Advantage CMS interface. Users can run their rich-media email through workflow like any other document. When ready to publish, the system automatically feeds the HTML, text and AOL-friendly versions directly into an EmailLabs system for distribution and tracking. [www.crownpeak.com](http://www.crownpeak.com), [www.EmailLabs.com](http://www.EmailLabs.com)

## **DATAMIRROR ANNOUNCES "GO LIVE FOR \$55K"**

3/4/2003

DataMirror announced a special data integration solution package aimed at small and medium sized businesses - "Go Live for \$55K." Comprised of DataMirror LiveIntegration software, implementation, training, maintenance and support, this complete data integration solution empowers companies to integrate their incompatible systems and databases in order to achieve real-time, enterprise-wide data flows. This offering for \$55,000 (USD) is only available until April 30th, 2003. DataMirror's family of LiveIntegration software - including Transformation Server, DB/XML Transform, Constellar Hub, LiveConnector and iDeliver-lets companies bridge the gap between disparate systems, applications and relational databases. Prices may vary based on local currency and services. Special terms and conditions apply. [www.datamirror.com/integratenow](http://www.datamirror.com/integratenow)

## **REALOBJECTS RELEASES JAVABEAN SDK**

3/4/2003

RealObjects released their new JavaBean SDK. The SDK enables Developers to embellish their applications with the same rich-text WYSIWYG XHTML/XML editing functionality as the new edit-on Pro. This Bean is easily integratable into AWT- or Swing-based Java applications, and is compatible with existing server platforms. It empowers web developers to expand their applications to build distributed object-oriented business applications using documented APIs, combine the SDK with components from different vendors, and apply reusable code. One edit-on JavaBean SDK license is required per developer. A developer may use the license on multiple machines as long as they are not used concurrently nor used by another developer. There are no run-time royalty fees. The licensee is granted a non-exclusive and non-transferable license to use the JavaBean SDK for the purpose of creating and redistributing the Application Program(s). A single Developer License is 7,500 Euros), 5 Developer Licenses are 25,000 Euros. Volume pricing available upon request. [www.realobjects.de](http://www.realobjects.de)

## **WINDFIRE ANNOUNCES VIRTUAL REPOSITORY MANAGEMENT TECHNOLOGY**

3/4/2003

WindFire Technology announced the availability of its virtual repository management (VRM) technology which allows IT organizations to view, access and manage both structured and unstructured enterprise information as though they were in a single repository. As a core component of WindFire's Xtorm Data ServerT, the VRM technology allows data access and integration across disparate repositories including Oracle, IBM DB2, Microsoft SQL Server, legacy (main-frame) platforms, proprietary platforms and file systems. Designed to be highly scalable and secure, the Xtorm Data Server can be used to tie information together regardless of the data type, location, or application source. The Xtorm Data Server is a central component of WindFire's en-

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terprise information management (EIM) offering which includes enterprise content management, business process management and virtual repository management applications. Developed on a J2EE, XML and Unicode foundation, the integrated suite is designed to be embedded into existing business applications, thus it is targeted to system integrators, ISVs and in-house IT developers. [www.windfiretechnology.com](http://www.windfiretechnology.com)

## **IUPLOAD & WEBPARTZ MERGE**

*3/4/2003*

iUpload, a provider of content management services is merging with WebPartz, a provider of hosted e-business component applications. The new company will transact business under the iUpload brand, and expand its service to manage content from staff, application and visitor-generated. WebPartz and iUpload form an ASP delivering content management services across all categories. iUpload adds tools from WebPartz to manage content from applications and web site visitors. These functions include online surveys, e-mail marketing, newsletter publishing, site wide search and wireless applications. The new company provides these functions as "partz," allowing marketing departments to elevate a brochure-ware web presence to an e-Business site by blending partz into a solution that best meets their needs. The content management function will serve as the interface to the other partz, so instead of four or five separate applications, the iUpload interface is the hub for using the other partz. [www.webpartz.com](http://www.webpartz.com), [www.iupload.com](http://www.iupload.com)

## **BEA ANNOUNCES WEBLOGIC PLATFORM 8.1**

*3/3/2003*

BEA Systems, Inc. announced BEA WebLogic Platform 8.1. BEA WebLogic Platform 8.1 is based on a unified architecture that includes new versions of BEA's application server and Java virtual machine, BEA's enterprise portal and application development framework, and BEA's integration solution. Another component of BEA WebLogic Platform 8.1, BEA WebLogic Portal 8.1 is designed to simplify the production and management of custom-fit portals. BEA's new portal product supports JSR 168, for portlet-level development, and JSR 170, for content management system integration. BEA WebLogic Portal 8.1 also will deliver a new portal design and development environment, based on BEA WebLogic Workshop. In addition, BEA WebLogic Portal 8.1 adds new content management capabilities, search, Web integration, and native support for wireless communications. BEA's application server will implement both Web services security and an infrastructure for delivering SOAP messages. A beta version of BEA WebLogic Platform 8.1 is available. General availability of BEA WebLogic Server 8.1 and BEA WebLogic JRockit 8.1 is scheduled for the spring. General availability of the BEA WebLogic Platform 8.1, which includes BEA WebLogic Workshop 8.1, BEA WebLogic Integration 8.1, BEA WebLogic Server 8.1 and BEA WebLogic Portal 8.1, is scheduled for the summer. BEA WebLogic software is available for download. [www.bea.com](http://www.bea.com)

## **COAST ADDS CONTENT QC TO MICROSOFT CONTENT MANAGEMENT SERVER**

*3/3/2003*

COAST Software Inc. announced the integration between its enterprise-based COAST Web Quality Central solution and Microsoft Content Management Server 2002. COAST Web Quality Central is a complementary solution that integrates with Microsoft Content Management Server 2002 to automate content testing and verification. Automated scans verify content based on user-defined rules within the workflow process. Pass/fail reports are then returned to the author or quality assurance team and before a document can be passed on to the next re-

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ipient or published to the Web site, any errors or issues are addressed. COAST Web Quality Central can also be used when organizations first deploy a CMS system and they have mountains of content that must be migrated into the content management repository. Using the solution from COAST Software, they can automatically scan through that content, identify any old, inappropriate or updated information and then take necessary action. [www.coast.com](http://www.coast.com)

## **FATWIRE & GRAVITYROCK PARTNER FOR CONTENT MANAGEMENT IN EUROPE**

*3/3/2003*

FatWire Software announced a strategic partnership with GravityRock, where they will be FatWire's authorized distributor and support center for FatWire's complete software line throughout Europe. GravityRock will distribute and resell FatWire's UpdateEngine enterprise content management suite and FatWire Spark portal Content Management (pCM) software. GravityRock has already implemented UpdateEngine solutions both at customer sites as well as in their own technology center, PortalRock.net. Portalrock.net offers rapid prototyping as a tool for decision makers to evaluate Portal and Content Management solutions prior to making final choices and investments. Additionally, GravityRock will work with portal server providers to sell FatWire Spark portal Content Management (pCM) software. [www.gravityrock.com](http://www.gravityrock.com), [www.fatwire.com](http://www.fatwire.com)

## **QL2 LAUNCHES WEBQL VERSION 2**

*3/3/2003*

QL2 Software (formerly Caesius Software) announced the release of WebQL version 2 for information extraction from the Web and other unstructured data sources. WebQL is used for business intelligence, competitive intelligence, knowledge management, and business activity monitoring applications. WebQL version 2 includes: notation based on ANSI standard SQL including full support for joins, grouping, sorting, and set operations; an IDE includes syntax highlighting editor, graphical data flow monitor, and real-time delivery of results; support for Windows, Linux, and Unix; support for "all modern" technologies for parsing and extracting unstructured, semi-structured and structured data; and simultaneous and uniform input and output of all common file formats HTML, XML, PDF, DOC, CSV, TAB, images, databases, proprietary email formats, *etc.* WebQL version 2 is available for immediate shipment. Prices range from \$7,900 per year for a single processor license to \$100,000 per year for an unlimited usage single location license. Low cost licenses are available to educational institutions and charitable organizations. No-charge evaluation licenses are available to software developers. [www.QL2.com](http://www.QL2.com)



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## CALENDAR

**XML Europe 2003.** May 5-8th, 2003, *Hilton London Metropole, London*. The largest, longest-running XML event in Europe. XML Europe is a European forum for the XML community, spanning the worlds of electronic business, publishing, Internet, e-government, software and open standards development. XML Europe's remit is traditionally broad: mixing the newest technology with the latest thinking in the business and legal issues of information management. **Gilbane Report subscribers receive \$100 off the conference registration rate!** <http://www.xml europe.com/>

**Seybold-Gilbane Content Management Intensive,** Wednesday, June 11, *RAI Centre, Amsterdam*. Our one-day intensive update helps you get started confidently on new content management strategy, and helps you checkpoint your current implementation against what other businesses are doing and what can now be accomplished. See [www.gilbane.com/events.html](http://www.gilbane.com/events.html) for more information on this and other events.

**The Gilbane Conference on Content Management @ Seybold.** September 9-10, exhibits September 9-11, *Moscone Center, San Francisco*. Our annual conference is *the* place to go to learn what is happening in content management from the industry thought leaders. We cover technologies, best practices, and market trends. The event is designed for beginners, experienced implementors, and IT and content strategists from all vertical industries. Co-located with our partners at Seybold Seminars. See [www.gilbane.com/events.html](http://www.gilbane.com/events.html) for more information on this and other events.

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