

# THE GILBANE REPORT

*Content Technology Works!*

## WHAT'S NEXT FOR XML AND ENTERPRISE CONTENT MANAGEMENT?

Since the annual XML Conference and Expo ([www.xmlconference.org/xmlusa](http://www.xmlconference.org/xmlusa)) takes place in November or December, we usually take the opportunity to end the calendar year with an update on what is going on with XML. This gathering remains the main XML event of the year, and is the best place to gauge what standards development activities are hot, what new approaches developers are adopting, and what businesses are doing with XML technologies.

Rather than review the event or specific announcements, we thought it would be more valuable to provide some insight into the XML trends we see having the most relevance for our readers in the coming year and beyond. XML is a fundamental technology that cuts across most, if not all, information technology applications, and fortunately, the silly debates about whether XML was for data or for content are well behind us. This bifurcation was only due to the primitive view of information processing software we were saddled with until recently. Nowadays, we can talk about XML's role in managing 'enterprise content' and it is widely understood that 'enterprise content' includes all kinds of data types and involves integration with many enterprise applications. As you will see from Bill's article this month, there are many areas where there are major changes ahead for IT strategies due to the continued evolution of both XML technology and related standards, and in our understanding of how they can be most effectively employed in our business applications.

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# WHAT'S NEXT FOR XML AND ENTERPRISE CONTENT MANAGEMENT?

With the recent XML 2003 conference in Philadelphia, it is a good time to review XML and its role in enterprise content management (ECM). The show itself is always an excellent mix of the practical, the emerging, and the theoretical. The *Gilbane Report's* role in this year's show was to present a pre-conference tutorial on the "state of the art in XML content management." This article takes a broader look at XML and ECM—not just looking at XML under management but at XML in all of its roles in content management—how XML is used for content, for metadata, for integration, and for application design and deployment. This article also looks at both the state of the art and some emerging trends.

There are, of course, many things to say about XML and ECM. As Yogi Berra might say, "XML isn't ubiquitous yet, but it sure is everywhere." A better baseball analogy might be to say, just as every baseball player can catch and throw, every ECM application can at least ingest and produce XML. That is, even if the internals of the ECM application manage non-XML or even proprietary data formats, the application needs to be able to take in and produce XML to share with other applications and processes. This XML-enabled integration with other applications is precisely the reason that ECM is a cornerstone technology. Long-time readers will recognize how much this differs from the many years that XML's predecessor, SGML, languished in relative obscurity. Even the organizations that were successful in implementing SGML-based publishing solutions found that these applications almost always stood as islands of automation. (And, of course, the great irony was that SGML was designed to overcome these very same islands of automation.)

Of course, XML itself is a (relatively) simple thing—a meta-language that allows developers to create specific markup languages for documents and data; thus, the many vertical and specialized XML vocabularies—XBRL (eXtensible Business Reporting Language), DocBook for Technical Documentation, XrML for Digital Rights Management. Such vocabularies are important, and XML's ability to create valid, self-describing data is central to its usefulness. But XML has gone where SGML only dreamed of going because of the many supporting standards, technologies, and open-source and vendor offerings that have emerged in support of XML. This list begins with obvious things like XSLT and XPath, but continues down a long list to include RDF, RSS, native XML repositories such as Tamino, open source and standards-based technologies such as Cocoon and SVG, and vendor offerings such as Microsoft's InfoPath, Adobe's XMP, and on and on.

Against this backdrop, this article will look at the emerging XML trends and technologies that we feel are most relevant to ECM in the coming year. Some of these will be long-time and familiar topics that are evolving even as we write, and others will be new and emerging technologies that promise to have significant impact on ECM. In the course of this article, we corresponded with a number of people in the field who offered some of their thoughts as well.

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## XML AND ECM: THE BIG PICTURE

XML has two general and important roles in content management—for *the encoding and management of the content itself* (including the related metadata) and for *the integration of the many component and related technologies* that comprise and are related to content management. Lauren Wood wrote about this in a *Gilbane Report (Volume 10, Number 8)* published to coincide with *XML 2002*, and the big picture hasn't changed much. Indeed, the trends have become more pronounced and important. Thus, where Lauren wrote about XML and the "plumbing" of content management, we can point to another year and further growth in the use of XML for purposes such as data and application integration, syndication, and messaging. 2003 was also the year that XML and service-oriented architectures became a more viable and prevalent option.

Indeed, the use of XML for "plumbing" has grown even faster than the use of XML for the encoding and management of the content itself. A number of factors contribute to the relatively slow growth of XML for content representation:

- XML content still represents relatively specialized silos of information within an organization—for example, technical documentation and product catalog data.
- Some of these silos may have historically been tagged in SGML and may still be working well, and organizations may not have yet felt compelled to convert the content to XML.
- Early content management applications focused on Web content, often article length and shorter, and typically stored in relational databases. Again, the conversion to XML has not been a crying need.
- Perhaps most importantly, the growth in content under management has been widespread and heterogeneous. All types of content are now under management, and XML has thus far proven to just be part of the mix.

We think that this trend is about to change. If the last few years represented a period of time when more content was "born digital," the next several years will represent a time when more content will be "born XML."

## SOME TRENDS IN XML AND CONTENT MANAGEMENT

The following is by no means an exhaustive list of trends in XML, but it does point to several of the trends that are having the most impact specifically on content management. Several of these are long-time trends that continue to take shape as the use of XML for content management matures and evolves.

### More Options for XML Content Creation

Microsoft plans to have something to say about this, of course. The newest version of Office gives us XML as a storage format for everyday tools like Word and Excel. It remains to be seen, of course, as to how much structured editing of XML will happen in a Microsoft Word environment, but it will be more than

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none. Given the staggering number of Word licenses and documents out there, it is safe to conclude that some amount of XML will emerge from the authoring done in Microsoft Word.

Moreover, there is a general trend to bring more structured authoring to the table. Products such as Ektron's EwebEditPro+XML and ArborText's Contribute bring XML authoring to browser-based forms, and HTML forms are giving way to XML-aware eForms technologies such as Microsoft's InfoPath and Adobe's Forms Designer. Add these tools—and Microsoft Office—to the list of dedicated XML authoring tools and you give organizations many more options for enabling business users to create structured content in the normal course of their work. Again, many of these approaches are relatively new, but these are positive developments.

As several correspondents noted, the mere fact that XML content can fall out of commercial off-the-shelf authoring tools is significant. The document server of the near future will contain, for example, more useful "unstructured" content such as Word documents containing XML and PDF documents with XML meta-data.

### **More Options for XML Storage**

Dedicated technology for storing and managing XML content has become both accepted and widespread in the recent past. Technologies such as Software AG's Tamino and Ixiasoft's TextML Server (among others) help organizations deal with the explosive growth in XML content and data, and along with it the need to provide developers with persistent access to the XML. At the same time, the dominant relational database vendors such as Oracle, IBM, and Microsoft are adding more specific and robust support for XML storage. Much as the rise in XML authoring options gives organizations more capabilities to extend structured authoring to more users, the growth in XML storage and management technologies give developers more options for managing XML at all stages of the content management and data integration process.

Does this greater availability of XML storage mean all content will end up in XML? In a word, no. While more content will be "born XML," there is far too much legacy data in unstructured and semi-structured form for it to all be converted to XML efficiently and meaningfully. Moreover, unstructured and relational data will continue to be created—in abundance—without a compelling business reason to make it all XML.

### **More Options for XML Transformation**

XSLT is no longer a new thing. Nor is XSL-FO. Both transformation technologies are finding more uses everyday, as developers are using XML for more ad hoc data integration, reporting, and publishing activities. XSLT is especially prevalent among developers, and development platforms such as .Net and J2EE depend on the ongoing use and transformation of XML between processes and applications. Notably, Microsoft's new InfoPath initiative uses XSLT as the core technology for rendering eForms, favoring the more general transformation technology over a more specific rendering approach such as XForms.

XSLT is far enough along in its implementation to consider it a cornerstone technology for XML. Indeed, many development tools fully support XSLT with features such as code generation and validation. (These kinds of features are

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becoming more common for schema generation as well.) XSL-FO is not as widespread yet, but is growing in use. Part of the issue with XSL-FO is in determining precisely what problem it will solve. Will it be the primary means for rendering XML? Will it mainly be for output to print and viewable pages? And if it is for rendering pages, will it tackle all types of page rendering? Even complex pages such as those found in technical documents, journals, and catalogs? The next year will tell a lot, especially if more commercial and open source products emerge that use XSL-FO.

In addition to these standards, there are a number of commercial tools on the market that bring a great deal of added value to the content conversion problem, even as they rely heavily on core technologies such as XSLT. Cambridge-Docs, for example, is one company that is focusing on the conversion problem as a key to ongoing use and management of XML in content management applications.

### **More Options for XML Data Modeling**

Just as XSLT is no longer a new thing, neither are XML schemas. The early question seemed to be, “when will schemas replace DTDs?” Years later, many people are asking the same question. DTDs have proven to be a resilient technology. In some cases, this happens when an established application is working well and there is no overriding reason to change. In some cases, though—especially in document and publishing applications—people are still writing DTDs, or choosing existing DTDs for new applications.

This will change over time, as DTDs will continue to give way to schemas, despite the remaining issue as to which schema standard (XML vs. RELAX NG) will prevail. Schemas are simply a better technology, providing developers with stronger data typing and more ability to provide programmatic control and validation over the data. As one correspondent noted, there are simply too many smart people working on schemas at both the theoretical and practical level. All that brainpower is already resulting in better tools—autogeneration of XML schemas from example data and from relational databases, for example, and the additional validation that can be done with Schematron, to name a few.

### **More Open and Better Means of Content Assembly**

The fundamental value of XML in content management has always been its ability to support repurposing and reuse of content. Assuming you are managing the XML-tagged content as some group of logical, reusable components, you are then able to reuse and republish the content in many forms and in many contexts. The actual assembly of the content from these components, though, has often been the function of the specific content management application you are using. Many systems, for example, have a “build list” metaphor that allows content to be assembled for Web or print publication. In many cases, this build list has been proprietary to the CMS. It would make more sense for content assembly and publishing to be based on open technology such as XML itself and XSLT. We heard from several correspondents who are using open source tools and XML-aware repositories to manage their content, and are beginning to use XML and XSLT for the document assembly process.

### **DRM, and Improved Naming and Linking of Objects**

Digital Rights Management has been slowly re-emerging and gaining traction over the last two years. DRM has always been this great and interesting idea—

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persistent protection of content objects in both commercial publishing applications and enterprise ones. Unfortunately, the early vendor offerings were tied too closely with dot.com and e-book models of distribution. All the while, the much more interesting DRM problems have existed for major enterprises applications such as intellectual property management, confidential communications, and business and government intelligence. As a result, literally dozens of companies have come and gone, and DRM is still a largely unrealized application.

Yet certain companies and approaches have hung in there, notably Microsoft, but also smaller focused vendors such as Authentica and ContentGuard. ContentGuard, with backing from Microsoft, has been advancing an XML-centric approach to DRM called XrML, the Extensible Rights Markup Language. XrML has become the basis of a number of broad DRM initiatives, including those being advanced by MPEG, IEEE, and others.

Related to DRM are some ongoing efforts to formalize and improve on the persistent naming of objects. The Digital Object Identifier (DOI) is gaining traction in commercial publishing circles, especially among journal publishers, though we don't see much of this yet in enterprise applications. The combination of permanent identifiers, DRM, and native XML storage will be especially powerful over time.

### **More Use of Vertical Tag Sets**

One of the reasons XML has been so successful in data integration has been the ready adoption of standardized tag sets by vendors and developers. For example, in arenas such as E-Commerce with ebXML and Electronic Data Interchange with EDI-XML. Standardized tag sets for content are not as widespread or prevalent, unless you count something like DocBook, which is in use but by no means is a dominant mechanism. There have also been some efforts to standardize Web content around XHTML, which strikes me as both obvious and perhaps too easy of an answer. That is to say, it makes perfect sense to render Web sites in XHTML, but does it also make sense to manage the content as XHTML?

One promising area is the adoption of specialized, detailed tag sets for important, long-living documents. Vertical areas such as financial, legal, and medical come to mind. Indeed, there are efforts to develop and use standardized tag sets for clinical trial data, court records, state and federal legislation, and certain types of scientific and medical content. The key, of course, will be having a critical mass of content actually reside in such tag sets.

An initiative such as the eXtensible Business Reporting Language (XBRL) could have significant impact. XBRL picks up where the established EDGAR reporting system leaves off, providing a means for companies to submit highly detailed and structured financial reports that can then be machine read and processed. The FDIC has begun using XBRL to have banks report performance and results, and the SEC now accepts (but has not mandated) quarterly financial reports from publicly traded companies. The value of XML, and a particular application such as XBRL, is to provide data that is unambiguously encoded and can be easily isolated and manipulated by other programs and processes. In the case of XBRL, financial models, accounting programs and other tools can use the encoded data to automate vital analyses that formerly required lots of time and effort to complete.

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This kind of specialized content, encoded in XML, has even greater value and impact when one considers other technology such as Web services. Consider the power of large storehouses of specialized content, encoded in XML, and available via open protocols and processing standards.

## CONCLUSIONS

While none of the trends in XML and content management are particularly flashy or ground-shaking, the clear trend is toward more ubiquitous use of XML for both content encoding and for the plumbing side of the content management problem. Taken together, the increased support in XML content authoring, storage, and transformation alone will provide substantial growth for the industry. Yet the greater impact and growth will come from some of the related trends—especially those that will lead to more use of XML-encoded content in service-oriented architectures. Over time, such approaches will give organizations many and varied options for application development and improved efficiencies for internal and external users alike.

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## INDUSTRY NEWS

Current news, old news (to January 1999), and commentary is available at [www.gilbane.com](http://www.gilbane.com). Free RSS 2.0 news feeds are available at [www.gilbane.com/syndication.html](http://www.gilbane.com/syndication.html).

### **MONDOSOFT & cSCAPE CREATE CONTENT MANAGEMENT WIZARD FOR CMS SE**

11/26/2003

Mondosoft has announced that a new Wizard application, designed to transform the way small and medium businesses (SME) use the internet, will be available on December 2, in conjunction with the release of Microsoft's new Content Management System Standard Edition (CMS SE). The Wizard, jointly-developed by Microsoft Gold Partner cScape Ltd (London) and Mondosoft (Palo Alto, Calif. and Copenhagen), provides a cost-effective way to build and maintain a professional website without the need for any training in web development. Designed to plug into Microsoft's new CMS SE and including a Mondosoft search engine, the Wizard will retail at \$3,365. Small charities which require a content managed site will receive a substantial discount on Microsoft's CMS SE product. The Wizard is available through [www.mcmswizard.com](http://www.mcmswizard.com), which is also the support site for the product. An enhanced version of the Wizard is being created specifically for web development agencies as a core solution to build on and enhance for clients seeking a more sophisticated web presence. This version will be released in 2004. [www.mondosoft.com](http://www.mondosoft.com)

### **BROADVISION & FEITH DELIVER A SOLUTION FOR WEB-BASED RECORDS MANAGEMENT**

11/25/2003

BroadVision, Inc. announced a strategic alliance with Feith Systems. The agreement with Feith is part of BroadVision's Net-Centric Collaborative Environment, a strategic initiative focused on forming alliances with technology companies to deliver a comprehensive collaboration portal optimized for government. Feith Systems helps government agencies move from paper-based systems to electronic environments that comply with DoD records management standard 5015.2. Certified for Chapters 2 and 4, both classified and unclassified documents can be addressed. Under terms of the agreement, BroadVision and Feith will identify and pursue joint business opportunities in the federal marketplace, principally those involving records management programs. The companies also intend to establish cross-functional business development and technology teams to focus their core competencies on existing and emerging opportunities, identify process improvements and exchange best practices. [www.feith.com](http://www.feith.com), [www.broadvision.com](http://www.broadvision.com)

### **OBINARY RELEASES FREE JAVA-BASED ENTERPRISE CONTENT MANAGEMENT SYSTEM**

11/22/2003

obinary released their Magnolia Content Management System (CMS), a J2EE-deployable and Java-based CMS which has been built from the ground up to support Java Content Repositories (JCR). The main goal of Magnolia is to make content management easy. Magnolia is platform-agnostic and uses Java, XML, JSP, JSTL and a custom tag library to achieve optimal implementation times. Magnolia can be installed "within 10 minutes" on all common operating-systems and is available free of charge. [www.obinary.com](http://www.obinary.com)



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## **ASTORIA & ARBORTEXT TARGET AEROSPACE INDUSTRY**

11/19/2003

Astoria Software and Arbortext announced they have entered into a partnership agreement to provide the aerospace industry with automated publishing applications. The initial solutions provide software to produce flight operations manuals and electronic flight bags. The combination of Astoria's content management software and Arbortext's XML-based authoring and automated publishing technology enables both commercial and defense aerospace customers, to build a single source for content that can be automatically assembled and published for any audience in any medium. For example, airline operators can automate the process of combining flight operations content with the highly customized data of a particular airframe and publish tailored documentation specific to a particular aircraft. [www.astoriasoftware.com](http://www.astoriasoftware.com), [www.arbortext.com](http://www.arbortext.com)

## **CAMBRIDGE DOCS ANNOUNCED .NET API**

11/19/2003

CambridgeDocs announced its .NET API for incorporating unstructured content, including PDF files and other popular file formats, into custom .NET applications. The .NET API provides access to the content transformation capabilities of the xDoc Transformation Engine (XTE), which is the heart of the CambridgeDocs XML Content Backbone. The .NET API allows for submission of individual or batch files for processing of unstructured files and allows custom applications to include the content from these documents as part of its input, workflow and output. The .NET API is available to all purchasers of the CambridgeDocs xDoc Content Transformation Server (xCTS). The .NET API allows organizations to syndicate unstructured content as XML via a Web Services architecture. [www.cambridgedocs.com](http://www.cambridgedocs.com)

## **INTERWOVEN UNVEILS "CONTENT NETWORKS" VISION**

11/19/2003

Interwoven, Inc. unveiled their new vision, "Content Networks." Content Networks anticipates future content challenges and prescribes a path to prepare and meet those challenges in the coming years. Content Networks will address: seamless access by mobile knowledge workers, democratization of decision-making around applications, and harnessing a Service-Oriented Architecture. Interwoven is aligning itself with other technology leaders for complete end-to-end enterprise standardization, including IBM, Intel, Microsoft, SAP and others, on both the concept and implementation of Content Networks. [www.interwoven.com](http://www.interwoven.com)

## **GILBANE REPORT TO HOST OPEN WEBINAR SERIES ON CONTENT TECHNOLOGY BEST PRACTICES**

11/18/2003

The Gilbane Report announced that it will host an ongoing webinar series on content technology best practices as told from the enterprise consumers' perspective. The series complements the popular Gilbane Report conferences and publications and further extends the Gilbane Report community. This webinar series is the first public work to come from the Content Technology Works Program (CTW) announced in September and provides the industry with direct access to leading enterprises that are making content technology work today. The first seminar, "Content Categories That Work", will be held on Dec. 16, 2003 at 12:30PM EST. Learn how three companies, Bristol-Myers Squibb, Mattel and Unisys, make sense of the content technology world for the benefit of their organizations, partners and customers. Other scheduled webinar topics include "Tips and Techniques for Adoption" and "Measuring Value, Managing



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Professional (SP1) is available through Adobe and will be sold on a per-user and per-server basis. Pricing begins at US\$28 per user for a 1,000 user license or at US\$22,500 per server. Acrobat Elements Server will be available in English only and is expected to ship by the end of November 2003. [www.adobe.com](http://www.adobe.com)

## **TRACTION RELEASES TEAMPAGE 3.0; ANNOUNCES PARTNERS IN INDIA & JAPAN**

11/17/2003

Traction Software, Inc. announced the release of Traction TeamPage Release 3.0. Release 3.0. New features include: internationalization, enterprise authentication, a new extensible framework for user interface customization and branding, enterprise search engine compatibility, and enhanced support for standards. The new release of Traction's Instant Publisher Client adds round-trip WYSIWYG editing as well as integrated one-click publishing from Microsoft's Internet Explorer using a new .NET architecture. A preview edition of Traction 3.0 is immediately available, with delivery of a final edition in December 2003. Traction TeamPage 3.0 workgroup pricing starts at \$4,995 per server. A personal edition Traction Communicator sells for \$249. Traction 3.0 is free to all Traction Customers entitled to receive software updates. Traction also announced partnerships with Applied Knowledge Co, Ltd of Japan (AKJ), and Netcore Solutions Pvt, Ltd. of India. [www.tractionsoftware.com](http://www.tractionsoftware.com), [www.akj.co.jp](http://www.akj.co.jp)

## **MACROMEDIA INTRODUCES FLEX PRODUCT STRATEGY**

11/17/2003

Macromedia unveiled Macromedia Flex. Flex expands the Macromedia MX product family to address the requirements of enterprise IT departments seeking to deliver end user experiences that combine the responsiveness and richness of desktop software with the broad reach of the web. Previously code named "Royale," Flex offers a standards-based, declarative programming methodology and server runtime services for delivering user interfaces with the Macromedia Flash client. The Flex beta program is now accepting applications, in preparation for release in the first half of 2004. Flex developers define user interfaces using an XML-based language that the Flex server renders into intelligent client applications running in the Flash Player. The Flex application framework combines a programming syntax; an extensible class library of building blocks for creating applications; and runtime services for data connectivity, deployment, and experience management. The initial Flex release will run on top of J2EE application servers and a .NET version is planned for future releases. Flex is based on XML, ECMAScript, SOAP web services, and the Macromedia Flash (SWF) file format. Macromedia Flex is expected to ship in the first half of 2004. The Flex server will be licensed as an enterprise server software product. Free licenses are planned for evaluation and single user workstation development. Additional information on Brady, Partridge, pricing, licensing, and configurations will be available at a later date. [www.macromedia.com/go/flex/](http://www.macromedia.com/go/flex/)

## **PERCUSSION INTRODUCES RHYTHMYX EXPRESS PORTAL**

11/17/2003

Percussion Software introduced Rhythmyx Express Portal. Rhythmyx Express Portal is a Workgroup - as opposed to Enterprise - Portal, designed to enable organizations to achieve standard portal benefits in less time and cost. Key capabilities of the Rhythmyx Express Portal include out-of-the-box personalized content delivery, a library of pre-built and sample portlets, project collaboration capabilities and content integration through a content capture feature. In addition, Rhythmyx users can choose to "live" in the portal and, using the Rhythmyx portlets, access the content contribution and management capabilities of Rhythmyx. The Rhythmyx Express

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Portal is J2EE-based and requires 25MB of system memory and 65MB of disk space. It supports JAAS (Java Authentication and Authentication Services) providers for portal security and supports standard directory services, such as LDAP and Active Directory. Additional portlets can be developed using standards such as Java, JSP, Velocity and HTML. Pricing for the Rhythmyx Express Portal starts at \$40,000 (USD). The product is available now for immediate delivery. [www.percussion.com](http://www.percussion.com)

## **VERITY INTRODUCES CUSTOMIZABLE INDUSTRY & ENTERPRISE TAXONOMIES**

11/17/2003

Verity Inc. announced the availability of its initial Verity Taxonomies, six customizable classification structures for the organization and management of content in large-scale global enterprises. The six Verity Taxonomies are based on industry standards and built using the same query language used in Verity K2 Enterprise content organization products. Each of the taxonomies, together with Verity classification solutions that combine both automation and domain expertise, are designed to provide an enterprise's taxonomy project with a head start to deliver content organization. Verity Taxonomies are also customizable by customers to serve their business requirements, both enterprise-wide and departmental. This customization can be performed by an enterprise's administrator, or by Verity Professional Services. Verity Taxonomies include: The National Library of Medicine's MeSH (Medical Subject Headings), the Defense Technical Information Center (DTIC) thesaurus published by the U.S. Department of Defense, a Verity Homeland Security Taxonomy, a Verity Human Resources Taxonomy, a Verity Sales & Marketing Taxonomy, and a Verity Information Technology Taxonomy. [www.verity.com](http://www.verity.com)

## **ENTOPIA ADDS ENTERPRISE SEARCH & EXPERTISE IDENTIFICATION TO MICROSOFT OFFICE**

11/17/2003

Entopia, Inc. announced the integration of its Entopia Knowledge Locator solution into the Microsoft Office System programs. The Entopia Knowledge Locator is integrated through web services to allow knowledge workers to find content and experts from throughout the enterprise without leaving Word 2003, Outlook 2003, Microsoft Office PowerPoint 2003 or Microsoft Office Excel 2003. The Knowledge Locator uses the Microsoft Office applications' Research Task Pane to provide contextual access to all information and people available in the organization. For example, an information worker who is creating a new legal contract in Word 2003 might need to find a standard legal paragraph for use in the contract. To automatically retrieve documents that match the document he or she is working on, the worker can either type search terms in the Knowledge Locator query box available on the Research Task Pane or just right-click to initiate an enterprise wide search. The results, drawing from network folders, e-mail servers, the Web, intranets, portals, extranets, local hard drives, databases, content management systems and other enterprise application repositories, are presented inside the Research Task Pane. Entopia's Microsoft Office System integration is available immediately. [www.entopia.com](http://www.entopia.com)

## **OPEN TEXT & MOMENTUM TEAM ON CORRESPONDENCE AND COLLABORATION**

11/17/2003

Open Text Corporation and Momentum Systems, Inc. said they will introduce a correspondence management and collaboration software solution that helps government agencies improve communication and comply with laws designed to move government online, such as the U.S.'s Government Paperwork Elimination Act (GPEA). The solution, called Correspondence

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Management with Livelink, offers tools for capturing, tracking and managing correspondence with the public, with legislators and with other government agencies. Correspondence Management with Livelink lets organizations track correspondence from a variety of sources, including scanned letters, e-mails, faxes, electronic documents and hand-written notes, and manage them through automated processes to ensure proper handling of requests and a timely response. Correspondence Management with Livelink transparently captures and stores all communication in virtual work packages. The system uses a tabbed interface which logically organizes correspondence and related information into Web pages. Within each work package, users can place or access relevant documents, tracking data, status information and queries for that correspondence. [www.opentext.com](http://www.opentext.com)

## **GLOBALSCAPE ANNOUNCES AVAILABILITY OF PURECMS 2.0**

11/17/2003

GlobalSCAPE announced the availability of PureCMS 2.0. PureCMS 2.0 empowers organizations to share responsibility for Web site content management with non-technical team members, provides security and control for multiple Web sites from the same interface, and enables workflow for change management. PureCMS runs on a server with Microsoft Internet Information Services (IIS) and it can publish to any Web server. Non-technical users browse to a copy of their organization's Web site hosted on the PureCMS staging server, click the page they want to edit, login and make textual or graphic changes on screen. They can copy and paste content into the Web page from Windows applications such as Microsoft Word or Excel. Once proposed changes are saved, that individual's team leader is notified of pending activity via e-mail. They are able to compare proposed changes to the previous version, approve, and publish, or schedule for publishing. PureCMS is available immediately from GlobalSCAPE based on a tiered, per-user license basis. Pricing begins at \$350 per user. [www.globalscape.com/purecms](http://www.globalscape.com/purecms)

## **STELLENT INTEGRATES CONTENT MANAGEMENT SYSTEM & XMETAL**

11/12/2003

Stellent, Inc. and Corel Corp. announced an integration between the Stellent Content Management system and the XML authoring platform, Corel XMetaL. The product integration expands Stellent's XML functionality to meet increasing customer demand for the ability to create content using XML authoring tools and store it directly in a content management system. Together, Corel XMetaL and Stellent enable users to easily create, update, store and manage a variety of XML content for a number of purposes including Web content, technical publications, and product and manufacturing documentation. Users have access to all Stellent Universal Content Management functionalities, including content conversion, library services, categorization, workflow, Web publishing, content collaboration, content distribution and enterprise search. In addition, the integration allows users to search for and open XML content stored in the Stellent system directly from the Corel XMetaL interface. [www.stellent.com](http://www.stellent.com), [www.corel.com](http://www.corel.com)

## **RICOH & DOCUMENTUM PROVIDE CAPTURE AND MANAGEMENT SOLUTION**

11/11/2003

Ricoh Corporation and Documentum announced the integration of Ricoh's GlobalScan solution into Documentum's enterprise content management system. GlobalScan will provide direct access to Documentum's enterprise content management solution from the LCD panel of the Ricoh Aficio MFP. The GlobalScan Connector for Documentum will allow users to introduce paper-based documents, from the Ricoh Aficio MFP LCD panel directly into Documentum. Additionally, the Connector will allow users to login to the Documentum Content Management repository, directly from the MFP panel, and scan, index and route documents to a specific da-

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tabase. The GlobalScan Connector for Documentum will be available on November 10, 2003. [www.documentum.com](http://www.documentum.com), [www.ricoh-usa.com](http://www.ricoh-usa.com)

## **CARDIFF INTEGRATES DOCUMENTUM 5 & LIQUIDOFFICE**

11/11/2003

Cardiff Software Inc. announced the availability of a LiquidOffice Connect Agent for the Documentum ECM platform from Documentum. This Connect Agent is an integration package that enables companies to automatically route eForms managed, created and processed in LiquidOffice to the Documentum repository. The new Cardiff solution brings together eForm management, enterprise content management, and workflow into a single solution. The LiquidOffice Connect Agent for Documentum enables users to complete and submit forms, regardless of standards or platform, through a Web-based interface. LiquidOffice captures data from LiquidOffice, HTML, PDF, and InfoPath forms, automatically indexing and archiving the completed form as PDF in Documentum. Through this integrated solution, organizations can reduce the amount of paper used for daily transactions. [www.cardiff.com](http://www.cardiff.com)

## **GARTNER SAYS IT SPENDING HAS BOTTOMED OUT; CONTENT MANAGEMENT SKILLS TO BE IN HIGH DEMAND**

11/11/2003

Overall IT spending has bottomed out, and 2004 and 2005 will see a minimum of strong single-digit growth over 2003 levels, according to Gartner, Inc. Although the aggregate number will rise, Gartner states that growth rates will vary widely by technology sector. Gartner analysts predict that the recovery will be coupled with a tremendous skills shift within the IT workforce, impacting hundreds of thousands, if not millions, of workers. Areas in which skills will be most highly valued include broadband, wireless, Linux, content management, real-time analytics, data mining, security, middleware, certification skills, business intelligence and knowledge management. [www.gartner.com](http://www.gartner.com)

## **PERCUSSION INTRODUCES RHYTHMYX 5 FOR LINUX**

11/11/2003

Percussion Software introduced Rhythmyx 5 for Linux - a new version of the company's Rhythmyx 5 Enterprise Content Management (ECM) system that runs on the open source Linux server platform. Available immediately, Rhythmyx 5 for Linux has been certified against Red Hat Linux version 7.3. Other currently supported Rhythmyx platforms include Windows 2000, Windows NT 4.0 and Sun Solaris. [www.percussion.com](http://www.percussion.com)

## **VIRAGE ANNOUNCES VS ARCHIVE**

11/10/2003

Virage, Inc. introduced VS Archive, its next-generation software solution to store, categorize, manage, retrieve and distribute video, audio and other rich media content. VS Archive manages all forms of unstructured content from the point of ingestion through archive creation and content access. Powered by Autonomy's Intelligent Data Operating Layer (IDOL), video and rich media are now integrated at the center of other enterprise content and compatible with existing systems. IDOL Server capabilities include automated retrieval, hyperlinking, categorization, alerting, profiling, clustering and personalization. Other Autonomy technologies integrated into this release include Dremedia and SoftSound for scene change detection, transcript alignment and advanced audio and speech analysis. This release expands the range of rich media business



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applications including those for marketing, sales, human resources, production and training.  
[www.virage.com](http://www.virage.com)

## **DOCUMENTUM 5 CERTIFIED FOR BEA WEBLOGIC 8.1**

11/10/2003

Documentum announced certifications and integrations of Documentum 5, the latest version of the company's ECM platform, with BEA WebLogic Platform 8.1, an integrated platform that provides superior business integration through the convergence of application development and integration. In addition, BEA and Documentum have teamed to develop a special product and services offering for smaller workgroups. The joint offering can deliver full versions of Documentum 5 and WebLogic Portal with the flexibility and affordability for smaller workgroups. This solution is designed to accelerate time to benefit for content management and portal technologies. [www.documentum.com](http://www.documentum.com)

## **VERITY ENHANCES KEYVIEW SDK**

11/10/2003

Verity Inc. announced the release of its Verity KeyView Software Development Kits (SDKs) targeted for integration with enterprise applications. The SDKs provide users access to a wide range of intellectual capital in 295 file formats and more than 70 languages. By applying an XML vocabulary to the data structures in documents, KeyView Export makes it possible to index and search content and metadata in context. Verity KeyView Export can also automatically convert documents to HTML. The Verity KeyView Filter SDK lets applications filter and extract text from multiple formats on a wide variety of platforms. KeyView Filter automatically recognizes file types and applies the correct filter without relying on filename extensions. For proprietary file formats not directly supported, the KeyView Filter SDK also provides customers the flexibility to quickly build custom filters to meet their unique business requirements. The SDK's threadsafe process design eliminates the need to queue multiple documents for sequential filtering, allowing multiple documents to be filtered simultaneously. [www.verity.com](http://www.verity.com)

## **ADOBE ACQUIRES XML VENDOR YELLOW DRAGON SOFTWARE**

11/10/2003

Adobe Systems Incorporated announced that it has acquired the technology assets of Yellow Dragon Software, a developer of XML messaging and metadata management software. The acquisition will deliver technology for Adobe's XML architecture which enables businesses and governments to combine XML and Portable Document Format (PDF). Based in Vancouver, British Columbia, Yellow Dragon provides a commercial, off-the-shelf ebXML (Electronic Business eXtensible Markup Language) solution using an XML registry, as well as a messaging product, for delivering XML messages between servers. By enabling native support for ebXML transactions within the Adobe Intelligent Document Platform and PDF, Adobe is making it faster and easier for organizations to automate their external business processes. Adobe plans to integrate this technology into its server products next year. ebXML is an XML specification that provides a standard method to exchange business messages, conduct trading relationships, communicate data in common terms, and define and register business processes. Adobe believes this acquisition will not have a material financial impact on the company.  
[www.yellowdragonsoft.com](http://www.yellowdragonsoft.com), [www.adobe.com](http://www.adobe.com)

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## **IMANAGE OFFERS CAD INTEGRATION FOR WORKSITE MP SUITE**

11/10/2003

iManage, Inc. announced the release of CADLink for iManage WorkSite MP, a solution that integrates computer-aided design (CAD) applications into the iManage platform. Designed to help engineers leverage content management functionality from within their native CAD environment, CADLink for iManage WorkSite MP is being introduced under an OEM agreement between iManage and McLaren Software, a developer of content-based enterprise applications for companies in the process manufacturing, utilities and engineering, design and construction sectors. The introduction of CADLink for iManage WorkSite MP will combine iManage's collaboration content management solution with the CAD capabilities of products like Autodesk AutoCAD and Bentley MicroStation. CAD drawings and the intricate network of references between the CAD files typical of complex designs, are all stored, accessed and controlled through iManage Worksite MP. Engineers using the solution can access drawings directly from the iManage repository through the familiar menus of their CAD applications. CADLink for iManage WorkSite MP is currently available; it will support AutoCAD 2000, 2000i, 2002, 2004 and MicroStation 8 and 8.1; and will be compatible with Windows 2000, 2002 and Solaris 8.

[www.mclarensoftware.com](http://www.mclarensoftware.com), [www.imanage.com](http://www.imanage.com)

## **PLUMTREE, DOCUMENTUM, BEA & SUN TO CREATE OPEN-SOURCE SITE FOR JSR 168 AND WSRP PORTLETS**

11/10/2003

Plumtree Software, Documentum, BEA Systems Inc. and Sun Microsystems, Inc. announced an open-source site for organizations to share portlets developed according to the new JCP JSR 168 and WSRP OASIS standards. The site is hosted by SourceForge, an independent organization that hosts a variety of Java technology and Linux open-source initiatives. Plumtree, Documentum, BEA and Sun will provide an initial library of standards-based portlets, and will provide ongoing feedback, suggestions and best practices for successful JSR 168 and WSRP portlet development. The site is open to all organizations, including customers and partners of competing portal software providers such as IBM, Vignette and SAP. The site, known as the Portlet Open-Source Trading site, or POST, will help companies learn from their industry peers and share best practices for developing standards-based portlets. Separate areas within POST exist for sharing JSR 168 and WSRP components. As with any open-source site on SourceForge.net, any registered organization can contribute portlets to POST, which become available to all other members of the open-source community. Thus, organizations that submit portlets to the site benefit from enhancements to their portlets developed by other POST members. To register as a member of POST, developers can visit <http://sourceforge.net/projects/portlet-opensrc/>, <http://jcp.org>, [www.sun.com](http://www.sun.com), [www.bea.com](http://www.bea.com), [www.documentum.com](http://www.documentum.com), [www.plumtree.com](http://www.plumtree.com)

## **LIQUID MACHINES PARTNERS WITH DOCUMENTUM**

11/10/2003

Liquid Machines, Inc. announced a technology partnership agreement with Documentum. As a member of the Documentum Alliance Program, Liquid Machines has integrated its solution with Documentum 5 and Documentum eRoom. The integration enables customers to extend Documentum's access control and audit capabilities to corporate data that travels outside the Documentum environment. Liquid Machines collaborative control capabilities allow customers to validate compliance with corporate and industry policies, and persistently protect business-critical information. Liquid Machines' policies control the access to and usage of information through a combination of rights management, encryption, key and identity management, and real-time monitoring technology. Liquid Machines for Documentum eRoom is available today;



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support for the Documentum ECM platform will be available in Q1 2004. Pricing is subscription-based and starts at \$25,000 (based on the number of named users). Volume discounts are available. [www.liquidmachines.com](http://www.liquidmachines.com)

## **GLEMSEY & ARBORTEXT TO OFFER SOFTWARE AND SERVICES TO LIFE SCIENCES**

11/10/2003

Glemser and Arbortext agreed to partner to offer software and services to the life sciences industry. The combination of Glemser's information technology services and Arbortext's XML-based authoring and automated publishing software enables pharmaceutical manufacturers to build a single source of information that can be automatically assembled and published. Using a product-labeling scenario as an example, adverse event information can be written once and reused across multiple documents to represent various product strengths, dosage forms and presentations - ultimately reducing the time required to create, update, translate and review product information. [www.glemser.com](http://www.glemser.com), [www.arbortext.com](http://www.arbortext.com)

## **STORAGETEK & IXOS PARTNER**

11/6/2003

StorageTek and IXOS SOFTWARE AG announced a worldwide strategic alliance to integrate a branded IXOS e-mail archival solution and resell IXOS' archiving and ECM software with StorageTek's storage management solutions. IXOS will enable StorageTek to provide customers with the IXOS-eCONserver for Exchange and IXOS-eCONserver for Lotus as part of StorageTek's Email Xcelerator series of solutions. Additionally, StorageTek may resell the IXOS-eCON Solution Suite, which manages all documents and data across the enterprise, including groupware, enterprise content and e-mail archives. This combined IXOS-StorageTek solution will enable companies to retain an unalterable archive of email for a fixed period of time, helping them comply with regulatory requirements as mandated by SEC 17a-4, Sarbanes-Oxley and Basel II. StorageTek and IXOS have already integrated the StorageTek Application Storage Manager (ASM) for Unix with the e-mail solution suite -- including Email ArchiveMaster and Email AuditMaster. [www.ixos.de](http://www.ixos.de), [www.storagetek.com](http://www.storagetek.com)

## **OPEN TEXT EXTENDS COLLABORATION IN LIVELINK**

11/6/2003

Open Text Corporation said it is introducing new Livelink features that make collaboration easier, improve best practices and help project teams be more productive. The enhancements, introduced as part of Livelink 9.2, include expanded capabilities for team workspaces and a new interface developed from customer research on usability. Open Text is also introducing a new tool that lets communities of users share content with a single click and easily add information to the Livelink repository. Improved workspace templating allows customers to design detailed templates for different types of projects. Templating allows customers to assign standard components, content and structures to workspaces based on the type of project or team using the workspace. Open Text has also added a project overview page, which includes a status indicator to give users a quick update on the team's progress, and new icon bars for quick navigation within a workspace. Livelink's new user interface completely revises the look of Livelink, making navigation easier and allowing users to personalize Livelink for their needs. Livelink Companion lets users harvest and share information with others, as well as add information to Livelink to enhance its value as a knowledge repository. Once loaded, Livelink Companion adds a toolbar to the user's Web browser and an application link that sits in the Windows system tray. [www.opentext.com](http://www.opentext.com)

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## **ACARTUS RELEASES APERTUREONE FOR DOCUMENTUM**

11/6/2003

Acartus today that ApertureONE for Documentum will be released next week. ApertureONE is a scalable solution that facilitates the storage, retrieval, and distribution of high volume computer output. The integration allows Documentum customers to leverage their existing Documentum repository for computer generated documents and reports. The result is the elimination of printed reports, microfiche, and multi-part forms plus the cost associated with distributing these legacy media. ApertureONE captures computer-generated output from multiple enterprise applications, and converts it to PDF. Searchable attributes are automatically extracted based on pre-defined templates and loaded into the Documentum Content Server along with PDF renditions of each document. This integration enables Documentum customers to eliminate COLD (Computer Output to Laser Disc) systems, previously used for archival or distribution of enterprise report content. ApertureONE for Documentum on the Windows and Solaris platforms will be generally available November 15, 2003. Pricing starts at \$37,500 per server, with no additional client license required. [www.acartus.com](http://www.acartus.com)

## **VENETICA EXTENDS SUPPORT FOR OPEN TEXT'S LIVELINK**

11/5/2003

Venetica announced extended support for Open Text Corporation's Livelink, collaboration and content management software. Venetica offers a Content Bridge to Livelink, enabling federated access to content in Livelink and other repositories from within business applications. Venetica's solution complements Open Text's content integration offering for Livelink called Livelink Doorways. Livelink Doorways enhances collaboration by bringing together all of a company's content, no matter where it resides, and making it available to users working in Livelink. The VeniceBridge solution is designed for customers with projects built outside of Livelink which require access to Livelink content, along with content from other systems. [www.opentext.com](http://www.opentext.com), [www.venetica.com](http://www.venetica.com)

## **IMANAGE ANNOUNCES INTEGRATED SUPPORT FOR ADOBE ACROBAT**

11/5/2003

iManage, Inc. announced fully integrated support for Adobe Acrobat within the iManage WorkSite suite. The new functionality allows users to open and save PDF documents directly to an iManage WorkSite repository from inside the Adobe PDF authoring tool. While iManage has always supported Adobe Acrobat files, iManage WorkSite now offers seamless integration, similar to its support of Microsoft Office applications, in the full Adobe Acrobat product. Users are now able to access "Open from iManage" and "Save to iManage" options within Acrobat, simplifying the process of authoring, managing and creating workflows around PDF documents within the context of related content for a given project, deal or matter. Integrated support for Acrobat is available in the latest releases of iManage MailSite and DeskSite. [www.imate.com](http://www.imate.com)

## **IBM INTRODUCES NEW COLLABORATIVE PRODUCTS FOR LOTUS WORKPLACE**

11/5/2003

IBM announced four new Lotus Workplace software products that will enable customers to add modular collaborative capabilities -- such as e-mail, instant messaging, and Web conferencing -- to their business applications and corporate portals. The new Lotus Workplace products give employees a set of collaborative tools that can be tailored to their specific work environment. Lotus Workplace products include IBM Lotus Workplace Messaging 1.1, IBM Lotus Workplace Team Collaboration 1.1, IBM Lotus Workplace Collaborative Learning 1.1, and IBM Lotus

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Workplace Web Content Management 1.1. The 1.1 version of the Lotus Workplace family of products will be available for download in Q4 2003. IBM Lotus Workplace Messaging 1.1 will be available for \$29 per user, while the IBM Lotus Workplace Team Collaboration 1.1 will be available for \$89 per user. IBM Lotus Workplace Collaborative Learning 1.1 will be available for \$35 per user, and IBM Lotus Workplace Web Content Management 1.1 will be available for \$49,999 per CPU. IBM Lotus Workplace server products are currently available on Linux for Intel 32 bit: SuSE 7.2 and 7.3, IBM AIX, Version 5.2 and Microsoft Windows 2000 Server. Supported client operating systems include Microsoft Windows 2000 sp3, Microsoft Windows XP, SuSE Linux 7.2 and 7.3 on Intel. Supported browsers include Microsoft Internet Explorer 5.5 service pack 2, Microsoft Internet Explorer 6.0 and Mozilla 1.3 on SuSE Linux.  
[www.ibm.com/lotus/workplace](http://www.ibm.com/lotus/workplace)

## **APPROPIA CONNECTS TO VITRIA:BUSINESSWARE**

11/4/2003

Vitria announced its partner, Appropria, has added a new connector for the Vitria:BusinessWare integration platform to its ~Advantage product suite. ~Advantage users will now have direct access to the Vitria BusinessCockpit, CommunicationBus and TaskManager workflow functionality from within their ~Advantage portal framework. Supporting Single Sign on, an ~Advantage user with this new connector can now seamlessly search for any content sourced via Vitria's CommunicationBus, view real-time process metrics obtained via BusinessCockpit and automatically relate these real-time views to supporting content and information. In addition, ~Advantage offers Vitria:BusinessWare users an easy to use portal framework. ~Advantage makes participation in process workflows managed by Vitria's TaskManager an improved user experience and automatically delivers the information and content users need to make decisions and execute tasks. [www.appropria.com](http://www.appropria.com), [www.vitria.com](http://www.vitria.com)

## **FULL DEGREE & KODIAK GROUP PARTNER**

11/4/2003

Full Degree and The Kodiak Group announced a partnership that provides end-to-end UCCnet-compliant product information management and data synchronization solutions to retailers and manufacturers. Full Degree's product information management applications combined with Kodiak's hosted Quick-To-Market solution and UCCnet consulting services enable enterprises to unify and manage disparate product information as well as synchronize data with UCCnet's GLOBALregistry. UCCnet is a global, Internet-based electronic commerce service that enables companies to synchronize and store product data in a standardized format, ensuring that trading partners have access to accurate, up-to-date, industry-compliant trading information. The UCCnet initiative is growing rapidly across multiple segments of the retail industry.  
[www.kodiakgroup.com](http://www.kodiakgroup.com), [www.fulldegree.com](http://www.fulldegree.com)

## **DOCUMENTUM EXTENDS PARTNERSHIPS WITH TRADOS & LIONBRIDGE**

11/4/2003

Documentum announced a new joint offering with TRADOS and Lionbridge. Extending existing partnerships, the three companies have worked together to integrate the TRADOS Language Server with Documentum 5. By integrating the TRADOS language technology with the Documentum ECM platform, customers can store and reuse previously translated content, accelerate the delivery of content to global markets and have direct, centralized control over their translated content. The TRADOS Language Server for Documentum combines translation memory and terminology management modules with the Documentum ECM platform to enable customers to capture, store and reuse localized content that has been previously translated. As a partner to both Documentum and TRADOS, Lionbridge will provide globalization services to

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deliver the complete multilingual content management solution. [www.trados.com](http://www.trados.com),  
[www.lionbridge.com](http://www.lionbridge.com), [www.documentum.com](http://www.documentum.com)

## **CLEARFOREST SHIPS RELEASE 5**

11/3/2003

ClearForest Corp. announced the availability of ClearForest Release 5. The latest version of the content extraction and analysis suite extends the functionality of the company's unstructured data management applications with new relationship analysis tools, industry-specific solution modules and enhanced database scalability. Link Analysis enables users to find important, previously unknown implicit information within an organization's unstructured data sources. Fact Viewer allows for the search and retrieval of events and relationships without the constraint of explicit keywords. ClearForest is also delivering four new Discovery Modules providing out-of-the-box text patterns and relationships for Life Sciences, Counter-Intelligence, Intellectual Property and Financial Services applications. Users and organizations can leverage their own unique expertise by extending Discovery Modules. ClearForest has also added the ability to tag and analyze Arabic and Hebrew in addition to primary Western European languages.

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

## **SYBASE RELEASES CONTENT CAPTURE TECHNOLOGY**

11/3/2003

Sybase, Inc. announced general availability of its Content Capture Technology built for software companies to embed into their application(s). This technology extracts, aggregates and integrates real-time data, allowing Independent Software Vendors (ISVs) to offer their end-users views of their own and other's information. Sybase Content Capture Technology is a toolset specifically for software vendors and publishers delivering prepackaged business applications and infrastructure solutions for document management, analytics and custom application development. Sybase's technology extracts and aggregates traditional structured and unstructured Web information to give end-users views of their information quickly and easily. Rather than physically storing the information, a small blueprint of the information view is stored so that when the actual information is needed, the total content is dynamically reconstituted from the blueprint. [www.sybase.com](http://www.sybase.com)

## **CRITICAL MASS & INTERWOVEN IN ALLIANCE**

11/3/2003

Critical Mass and Interwoven announced a strategic alliance that aims to deliver tailored content solutions that enhance the management of complex, dynamic online customer experiences, from brand management to eCommerce. Critical Mass will leverage Interwoven TeamSite Content Server software and MediaBin Asset Server software to support the management of clients' online initiatives. This alliance will allow Critical Mass to continue to extend current customer solutions and Website experiences. Access to Interwoven's new product development initiatives will enhance the ability of Critical Mass to provide solutions to clients.

[www.criticalmass.com](http://www.criticalmass.com), [www.interwoven.com](http://www.interwoven.com)

## **IXIASOFT RELEASES BETA OF TEXTML SERVER 3.0**

11/3/2003

IXIASOFT announced the availability of the beta version of TEXTML Server 3.0. This new version builds on TEXTML Server's native XML storage and information retrieval technology and introduces new features designed to increase reliability, productivity, and security. Enhancements

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were developed to answer specific needs of partners and customers with large, enterprise-scale requirements. With TEXTML Server's new Replication Search Agent (RSA), the search load can now be distributed on multiple servers where a master server acts as a publisher of content to one or many subscribers. TEXTML Server now provides version controls settings which deliver the flexibility to manage multiple versions of a document, access to previous versions, and the ability to control the number of versions maintained. Various security settings restricting access to the server can be assigned to documents, collections, and document bases allowing more granular security. To download a free 30-day evaluation version TEXTML Server 3.0 beta, visit [www.ixiasoft.com](http://www.ixiasoft.com)

## **PUREEDGE & DOCUMENT SCIENCES PARTNER**

11/3/2003

Document Sciences Corporation and PureEdge Solutions, Inc. announced a marketing partnership that enables front to back-end automation of insurance policy production. The partnership joins PureEdge's ACORD XML-based e-forms solution with Document Sciences' ISO-forms based xPression policy generation solution. ACORD forms are a standard in gathering policyholder data for property and casualty insurance transaction processing, and ISO forms are utilized by P&C insurers to present information. PureEdge's technology converts ACORD forms into XML e-forms. Data gathered via the forms is sent to the insurer's administration system for rating and underwriting, and then on to Document Sciences' xPression for generation of a proposal or policy. xPression uses XML-based business rules to pull the appropriate data and content from the administration system and assemble the content for the appropriate ISO form. The forms can then be delivered to policyholders, agents and brokers through print or electronic channels. [www.docscience.com](http://www.docscience.com)

## **OUTSTART JOINS VIGNETTE PARTNER PROGRAM**

11/3/2003

OutStart announced that, as a Vignette Technology Partner, it is moving forward to enable organizations to address the market demand for combined portal, learning and integrated content management functionality. Vignette and OutStart will co-sell a combined Vignette Application Portal -Evolution offering. Evolution is a learning application to create, manage and deliver personalized online and offline learning content, as native format to any delivery channel. [www.outstart.com](http://www.outstart.com)

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# THE GILBANE CONFERENCE ON CONTENT MANAGEMENT - LOS ANGELES

*Mark your calendar!*

Westin Bonaventure, Los Angeles CA March 25-27  
[www.lighthouseseminars.com](http://www.lighthouseseminars.com)



## ***Managing rich content and complex product data***

The Gilbane Conferences on Content Management cover content management technologies and enterprise solutions and provide educational information for IT managers, system architects, and technically oriented business and project managers. Our conferences focus on both content technology and successful case studies. All our events include tracks on content technology that is strategic to all industries and IT infrastructures, as well as sessions that provide an in-depth look at application specific solutions.

Our Los Angeles event this year will look closely at technology and solutions for managing two types of rich content: *data rich content*, for example, information associated with complex products found in aerospace and defense, electronics, pharmaceutical and biotech, *etc.*, and *media rich content*, such as digital assets used in training, brand marketing, and media applications.

Our conferences are designed to foster interaction between all stakeholders in the content technology community, with the ultimate goal of increasing the successful implementation and deployment of content technology.

## **What you will take away from the conference**

The dramatic and continuing proliferation of content management technologies guarantees that it will remain a challenge to keep up with the product technology, market landscape, best practices, and newly uncovered business benefits of content management. The only way to keep ahead of the competitive curve and gain the benefits of content management without undue risk is to learn from the experiences of current, expert, and objective practitioners. At our conference you will hear from technology experts and enterprises that have already successfully deployed content technology.

***Join us in LA and learn how content technology works!***

***Registration is open!***

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

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## CALENDAR (SUBSCRIBERS: LOGIN TO THE GILBANE.COM SUBSCRIBER SITE FOR YOUR CONFERENCE DISCOUNTS!)

**"Holst in Horst" Content Technology Trends Seminar**, January 15, 2004 "Kasteel van Horst" (Wagenhuis), Holsbeek, Belgium. Join Gilbane Report Senior Editor Sebastian Holst as he discusses "Content Technology Trends: Secrets for survival and success" at this seminar hosted by Amplexor and Pro Text as Pro Text approaches its tenth anniversary. For additional information and to register see <http://www.amplexor.com/Events/zhorst.html>

**3rd Annual XML for Financial Services Conference**. January 26-28th, 2004, Flatotel, New York City. The 3rd annual conference focused on the use of XML in financial services applications will cover how emerging XML industry standards, including XBRL, FpML, FIX, MDDL, SOAP, and SAML will facilitate efficient exchanges of information critical to communication and the infrastructure of the financial industry; how to implement FIX and XML to improve communication and efficiency, unlock the value of market data and solve data integration problems with MDDL, improve distribution of content, information and services to clients and share and distribute customizable information. *Gilbane Report subscribers receive a \$200 off the early bird price!* <http://www.worldrg.com/FW391/index.html>

**Documation 2004**. Conference and Expo: March 16-17, Tutorials: March 15, 2004 CNIT, Paris La Defense, France. Our 10th annual Documation conference and exhibition in Paris is focused on Content Management, Enterprise Portals, Enterprise Search, and Information Integration. This all-French event will include a large number of case studies, as well as over 125 exhibitors. [www.technoforum.fr](http://www.technoforum.fr)

**Mark your calendar! for:**

**The Gilbane Conference on Content Management: LA**

Westin Bonaventure, Los Angeles CA March 25-27, [www.lighthouseseminars.com](http://www.lighthouseseminars.com)

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