

UBmatrix Enterprise Application Suite For Regulators

Tapping into the power of XBRL to help regulatory agencies improve oversight using rich, quality data

UBMATRIX™



Benefits of UBmatrix™ Enterprise Application Suite

- Significantly reduces data submission errors
- Lowers costs of preparing and distributing regulatory reporting information
- Greater reliability and shorter processing cycles for more timely, accurate, and informed regulatory assessments
- Increased efficiency of regulatory assessments and analytics

UBmatrix Enterprise Application Suite Makes it Easier to Collect, Consolidate and Review Financial and Operational Data

UBmatrix Enterprise Application Suite™ (EAS) is a product suite for the design, development and deployment of large-scale reporting and consolidation applications that leverage XBRL. It features two key elements. Server-based Taxonomy Manager provides maintenance of existing taxonomies and extensions, offering a complete audit trail. Server-based Reporting Manager provides management of workflow and submission of XBRL instance documents to the server. It facilitates the review and analysis of XBRL instance documents, including feedback on document validation and submitter taxonomy extensions. Enterprise Application Suite is built on UBmatrix's proven processing engine for document validation and processing.

XBRL for Regulators

Not so long ago, information exchange between organizations and regulators was conducted through the manual exchange of paper based forms. To increase both efficiency and effectiveness, some regulatory agencies—and the companies that fall under their purview—have started to migrate their processes onto the Internet. And many have already discovered the power of XBRL as the ideal means of supporting this change.

UBmatrix™ Enterprise Application Suite (EAS) is the leading platform for enabling XBRL-based data exchange.

It supports the design and deployment of the metadata model that defines the business information that regulatory agencies need to collect—and regulated organizations need to submit. And unlike rigid forms or EDI-based information collection solutions, EAS offers change management features that allow your metadata model to grow with your information needs.

Regulatory supervisors throughout the world are faced with common challenges related to business reporting and risk management. The demands inherent in compliance/reporting standards like the Sarbanes-Oxley Act, US GAAP, International Financial Reporting Standards (IFRS), and Basel II, as well as public demand for increased oversight

require better systems for collecting finance and operations information from regulated entities.

To increase both efficiency and effectiveness, regulatory supervisors around the world are migrating their processes onto the Internet. And many have already discovered the power of XBRL as the ideal means of supporting this change.

UBmatrix™ Enterprise Application Suite is the leading platform for enabling XBRL based data exchange. It supports the design and deployment of the metadata model that defines the business information your agency needs to collect, the processing of XBRL submissions by regulated organizations, and the workflow of submissions into your organizations. And unlike rigid forms or EDI-based information collection solutions, Enterprise Application Suite offers change management features that allow your metadata model to grow with your information needs.

UBmatrix™ Enterprise Application Suite is at the heart of the world's largest and most successful XBRL-based regulatory reporting solution at the US FFIEC, we well as other leading regulatory agencies around the world.

A Full-Featured Managed Reporting Environment

UBmatrix Enterprise Application Suite features Taxonomy Manager, Reporting Manager and administration tools to provide access control. It also integrates with UBmatrix desktop development and deployment tools: Taxonomy Designer and Report Builder.

Taxonomy Manager provides a central repository of existing taxonomies and extensions. It includes version management with check in/check out capabilities that ensure consistency of the taxonomies and provide a complete audit trail.

Key features include:

- Full life-cycle metadata management
- Taxonomy testing tools
- Taxonomy change reports
- Concept-level viewing and editing

Reporting Manager provides management of workflow and submission of XBRL instance documents to the server. It facilitates review and analysis of XBRL instance documents including feedback on document validation and submitter taxonomy extensions.

Key features include:

- Automated instance document workflow and validation
- User defined validation levels, and post validation data routing
- Configurable notification service to keep users informed and prompt workflow activities

What's New in Enterprise Application Suite 3.9

- Flexible web portal - UBmatrix Enterprise Application Suite (EAS) integrates the Liferay portal server as part of its framework. In this release we have upgraded to Liferay 4.3 which now has an award-winning AJAX-enabled user interface. Choose from dozens of available UI themes or tailor it to fit an existing website.
- A host of new portlets – In addition to the XBRL-aware Reporting Management and Taxonomy Management portlets, EAS 3.9 now offers dozens of built-in portlets that offer a significant time savings when implementing your reporting portal. Portlets range from collaboration tools like message boards, BLOGs and Wikis, to content publishing tools like RSS, Flash, an embedded calendar, and advanced HTML publishing and workflow.
- Improved development platform – In production, Enterprise Application Suite is often extended with additional features or integrated into an existing application environment. To aid this process EAS 3.9 offers better support of standards like JSR, AJAX, LDAP, BPEL, OpenID and WebDAV.
- High performance XBRL processing engine – Enterprise Application Suite has been updated with the latest edition of UBmatrix Processing Engine version 3.1. Performance improvements enabled in this version have been shown in our labs to validate real world XBRL documents based on US GAAP and IFRS in as little as .035 seconds!

Requirements

Processor Type	Intel Pentium IV or higher AMD Duron or higher	Application Server (one of the following)	Apache Tomcat 5.0 IBM WebSphere 6.0.2.11 Red Hat JBoss 4.0.3 (SP1)
Memory	4 GB	Sun Java System Directory Server 7.5	
Disk Space (installation)	100 MB	Java JDK	
Disk Space (product)	50 MB	RDBMS (one of the following)	Oracle Database 10g IBM DB2 V9
Operating Systems (one of the following)	Microsoft Windows 2003 Red Hat Linux 4.x Sun Solaris 10	Web Browsers (one of the following)	Mozilla Firefox 1.5 or higher Internet Explorer 5.5 or higher