

AELLIUS

LynX Business Integrator Validated Integration with Oracle's JD Edwards EnterpriseOne 9.0



Integration Without Boundaries

LynX Business Integrator simplifies integration between external systems and Oracle's JD Edwards EnterpriseOne.

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Company Overview

Aellius was founded in 1999 and specializes in solutions that complement and extend the value of Oracle's JD Edwards EnterpriseOne. The Aellius LynX suite of software includes integration, output management, and monitoring solutions for JD Edwards EnterpriseOne. Our software allows users to enter data into JD Edwards EnterpriseOne through applications they are already familiar with (such as Microsoft Excel), strictly adheres to JD Edwards EnterpriseOne business rules and security, and creates Sarbanes-Oxley (SOX)-compliant audit trails. Aellius products support JD Edwards EnterpriseOne versions Xe through the current release.

Integration Overview

LynX Business Integrator 2.1 is a robust, flexible integration platform for JD Edwards EnterpriseOne 9.0. It is a standards-based foundation that allows virtually any external application to rapidly exchange data (both inbound and outbound) with JD Edwards EnterpriseOne through the application layer. Features include:

- Data upload from Microsoft Excel using LynX Office templates
- Secure access to JD Edwards EnterpriseOne through Web services
- Detailed tracking of documents for internal auditing and SOX compliance
- Rapid integration using Microsoft Visual Studio 2010
- No changes to JD Edwards EnterpriseOne source code

Integration Details

LynX Business Integrator provides both inbound and outbound integration with JD Edwards EnterpriseOne.

Inbound integration allows external applications to interact with JD Edwards EnterpriseOne through Web services. The product integrates internally through JD Edwards EnterpriseOne C-APIs. Basic installation and configuration typically takes less than a week. Business processes are created using any .Net programming language. The following functions can be included in inbound business processes:

- Business functions



Validated Integration

JD Edwards
EnterpriseOne

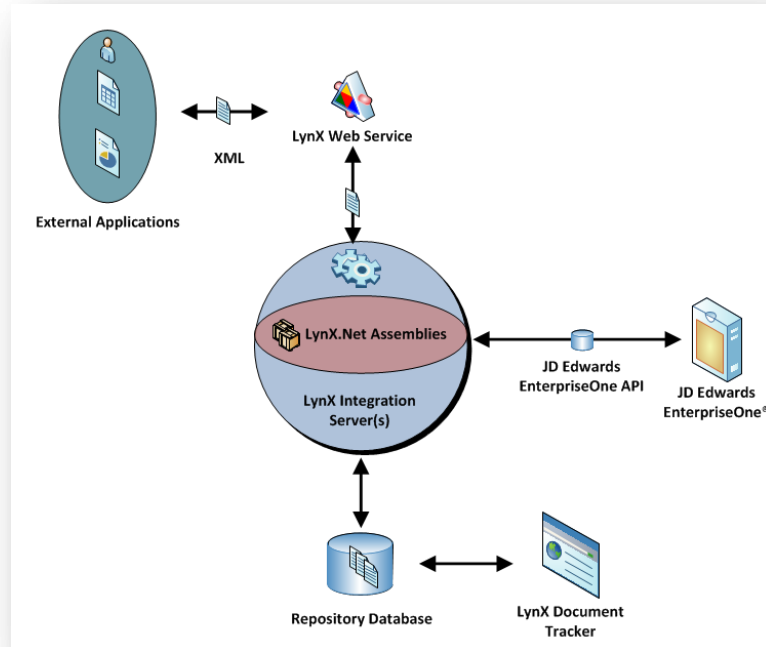
Through the Oracle PartnerNetwork, partners with validated integrations are able to provide customers with standards-based product integrations, tested and validated by Oracle. Customers benefit from improved risk management and smoother upgrade capability, leading to a lower total cost of ownership and greater overall satisfaction.

Availability
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- Table operations: Query, Add, Update, and Delete Data
- Attaching media objects
- Transaction control (across business functions and table operations)
- Run reports (UBEs)

Inbound business processes can be executed securely in real time or batch mode. Inbound documents are stored in a repository database, which can be viewed using LynX Document Tracker. The following figure illustrates inbound integration.

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LynX Business Integrator Architecture

Outbound integration allows JD Edwards EnterpriseOne to send data to external applications. The function creates structured XML documents that contain the information that was changed in JD Edwards EnterpriseOne in real time.

Environment

Aellius Environment

LynX Business Integrator, 2.1

Oracle Environment

Oracle's JD Edwards EnterpriseOne 9.0

Oracle Database 11g Release 2

Oracle WebLogic Server 11g Release 1

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