AELLIUS
LynX Business Integrator Validated Integration with JD Edwards EnterpriseOne 9.2

Integration Without Boundaries

LynX Business Integrator simplifies integration between external systems and JD Edwards EnterpriseOne 9.2.

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Company Overview

Aellius was founded in 1999 and specializes in solutions that extend the functionality and enhance the value of Oracle's JD Edwards EnterpriseOne 9.2. Our software allows companies to streamline processes by using a one-step integration and to reduce some of the work burden for in-house JD Edwards EnterpriseOne support staff. The Aellius LynX suite of software includes direct integration, output management, and monitoring solutions for JD Edwards EnterpriseOne.

Integration Overview

Aellius integration software (LynX Business Integrator), enables users to:

- Quickly access lookup values, validate, and easily enter data into JD Edwards EnterpriseOne through many efficient methods such as Microsoft Excel and flat (text) files

- Avoid complicated multistep processes and IT involvement—our software directly integrates while adhering to JD Edwards EnterpriseOne business rules and security because it is written to access JD Edwards EnterpriseOne at the application level, so there is no other step required

- Access detailed user messages (generated in JD Edwards EnterpriseOne) directly in Excel or other applications if there are any issues with the data

- Provide auditors with detailed audit trails

LynX Business Integrator 3.1 is a robust, flexible integration platform for JD Edwards EnterpriseOne 9.2. It is a standards-based foundation that allows virtually any external application or device to rapidly exchange data (both inbound and outbound) with JD Edwards EnterpriseOne through the application layer. Standard and optional features include:

- Transaction and Master Data upload from Microsoft Excel using LynX Office templates

- Secure access to JD Edwards EnterpriseOne through REST- and SOAP-based web services

Oracle Validated Integration gives customers confidence that a partner's integration is functionally sound and performs as designed. This can help customers to reduce deployment risk, lower total cost of ownership, and improve the user experience related to the partner's integrated offering.
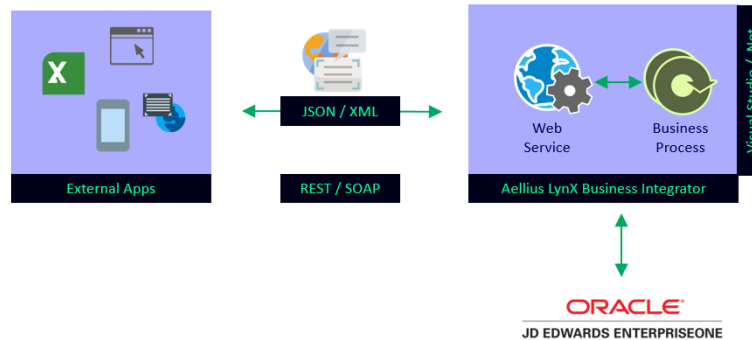
- Detailed tracking of documents for internal auditing

- Text/flat file upload and download using LynX File Exchanger

- Develop, debug, and test integrations using Microsoft Visual Studio 2015

- No changes to JD Edwards EnterpriseOne source code required!

Integration Details

LynX Business Integrator allows external applications to interact with JD Edwards EnterpriseOne through Aellius web services. Basic installation and configuration typically takes less than a week. Integrations are created using .NET (C#) or by calling a REST-based API. The following functions can be included in integrations:

- Business functions

- Table operations: Query, Add, Update, and Delete data

- Media object operations: Get, Add, Update and Delete

- Transaction control (across business functions and table operations)

- Run reports (UBEs)

Web service requests can be executed securely in real time or batch mode. All requests are tracked in a repository database, which can be viewed using LynX Document Tracker for auditing and troubleshooting.

LynX Business Integrator Architecture

Environment

Aellius Environment

LynX Business Integrator 3.1

Oracle Environment

Oracle's JD Edwards EnterpriseOne 9.2

Oracle Database $12c$

Oracle WebLogic Server $12c$