

ZEBRA TECHNOLOGIES

ZebraLink Enterprise Connector Validated Integration with Oracle E-Business Suite



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Seamless bar code printing solution for Oracle

Print bar code labels from Oracle E-Business Suite.

Company Overview

Zebra Technologies Corporation helps companies identify, locate, and track assets, transactions, and people, with on-demand specialty digital printing and automatic identification solutions in more than 100 countries around the world. More than 90 percent of Fortune 500 companies use innovative and reliable Zebra printers, supplies, RFID products, and software to increase productivity, improve quality, lower costs, and deliver better customer service.

Integration Overview

The ZebraLink Enterprise Connector solution enables customers to quickly design bar-code-label formats in a GUI environment and upload them to the Oracle-server-based Enterprise Connector environment. As users process jobs, Oracle E-Business Suite uses BPEL to transfer XML information to the Enterprise Connector environment via Oracle's native API or through Oracle SOA Suite, where XML data is quickly transformed into printable data and forwarded to the desired printer.

Integration Details

Zebra printers accept commands generated by the Enterprise Connector in the Zebra Printer Language (ZPL) over a USB, serial, or TCP/IP network connection. The Enterprise Connector (one component of the Zebra on-demand printing solution) works in tandem with user-defined print queues to manage the distribution of print jobs to printers, which can send alerts to users based on predefined printer events.

The Enterprise Connector is built on open standard technologies. It is a Java-based application that is deployed to any J2EE container. Input data from Oracle E-Business Suite is handled by the Enterprise Connector in XML data formats. The label templates are created in the desktop Zebra Designer for XML application. These templates are uploaded at implementation time or through change management. The Enterprise Connector will accept the XML data formats and handle each translation as a separate file, to stream ZPL into single output documents to respective Zebra printers.



Validated Integration

Oracle E-Business Suite

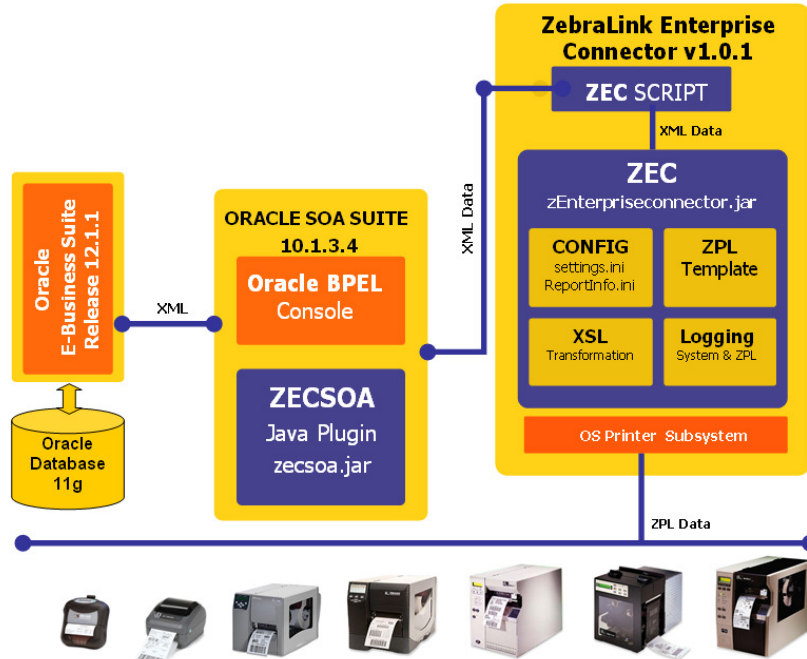
Through the Oracle PartnerNetwork Application Integration Architecture for Partners Initiative, partners with validated integrations are able to provide customers with standards-based product integrations, tested and validated by Oracle. Customers benefit from improved risk management and smoother upgrade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

Availability

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ZebraLink Enterprise Connector integration with Oracle E-Business Suite

The ZebraLink Enterprise Connector solution comprises four key components:

- Zebra Designer for XML (ZD4XML)
- ZebraLink Enterprise Connector
- ZebraNet Bridge Enterprise printer management tools
- Zebra printers

The ZebraLink Enterprise Connector solution can “interpret and parse” XML, which translates into major time and cost savings for bar code label printing. Label formats supporting various applications can be loaded into the ZebraLink Enterprise Connector repository, facilitating XML printing from Oracle E-Business Suite.

Zebra offers a variety of connectivity solutions for managing label design and output from an Oracle E-Business Suite environment. The Zebra on-demand label printing solution is just one of the many Zebra solutions that enable convenient, accurate bar code and radio-frequency identification (RFID) label printing.

Benefits

- The ZebraLink Enterprise Connector has preloaded label formats, providing the fastest way to start printing bar codes and labels without knowing and supporting ZPL.
- The ZebraLink Enterprise Connector provides a simple, convenient interface for bar code printing from other RFID and non-RFID applications, using Oracle SOA Suite and Oracle native APIs.
- The XML interface enables direct label printing from Oracle applications.

- Zebra Designer for XML software enables users to create their own label formats in an easy-to-use design environment.
- Save time and money by building a single labeling solution once and using it around the world. Zebra printers make it possible, by offering Unicode for international character printing.

Environment

Zebra Environment

ZebraLink Enterprise Connector Version 1.0.1

Zebra Designer for XML Version 1.0.4

ZebraNet Bridge Enterprise Version 1.2.6

Zebra ZPL bar code printers

Oracle Environment

Oracle E-Business Suite Release 12.1.1

Oracle SOA Suite Release 10.1.3.4

Oracle Application Server Release 10.1.3.4

Oracle Database 11g Release 11.1.0.7.0

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