

# DATA SYSTEMS INTERNATIONAL dcLINK<sup>®</sup> Validated Integration with Oracle E-Business Suite Release 12.1



*Our Platform. Your Data. Mobile.*

*Extend the reach and value of the Oracle E-Business Suite 12.1 with accurate, real-time, mobile data—on or off network.*

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[DSIOnline.com](http://DSIOnline.com)

## Company Overview

Data Systems International (DSI) helps companies improve productivity and profitability through mobile technology. DSI is a trusted, global provider of comprehensive enterprise mobility solutions including software, mobile devices, portals, labels and tags, implementation services, and ongoing solution support. Hundreds of enterprises and thousands of users worldwide rely on DSI's mobile application platform, dcLINK, to enable business to happen anywhere—on the shop floor, at the warehouse, or in the field. dcLINK integrates with Oracle E-Business Suite Release 12.1, Oracle's JD Edwards World, Oracle's JD Edwards EnterpriseOne, and Oracle's PeopleSoft Enterprise and complies with industry best practices, standards, and security.

## Integration Overview

dcLINK is a powerful and flexible enterprise mobility platform that allows warehouse, shop floor, and field personnel to update data in Oracle E-Business Suite from a mobile device. Data is captured and validated as work happens resulting in more accurate and timely reporting.

Real-time validation and updating of Oracle E-Business Suite Release 12.1 enforces business process compliance on a mobile, paperless platform. For off-network or store and forward environments, dcLINK stores the transaction request until a connection to the enterprise software is available. Flexible, open transaction workflows and robust, feature-rich mobile applications improve productivity using your choice of mobile devices—handheld, vehicle-mount, fixed, or cellular-enabled mobile computers.

## Integration Details

The dcLINK integration to Oracle E-Business Suite Release 12.1 supports applicable standards for Web services and XML data strings (Web Services Definition Language [WSDL], Simple Object Access Protocol [SOAP], and XML) and complies with Oracle standards recommended for use with predefined public APIs and interface tables in Oracle E-Business Suite Release 12.1.

Transaction data is collected and validated by dcLINK from mobile devices; forklifts; automated material handling equipment such as scales, conveyors, carousels, pick-to-



## Validated Integration

### Oracle E-Business Suite

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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light or PLCs; and RFID portals using flexible workflows to ensure high productivity. Once the required transaction data is collected and validated, dcLINK integrates with Oracle E-Business Suite Release 12.1 via Oracle Fusion Middleware, or to the Oracle E-Business Suite Release 12.1 database via public APIs and interface tables, depending on the customer data collection requirements.

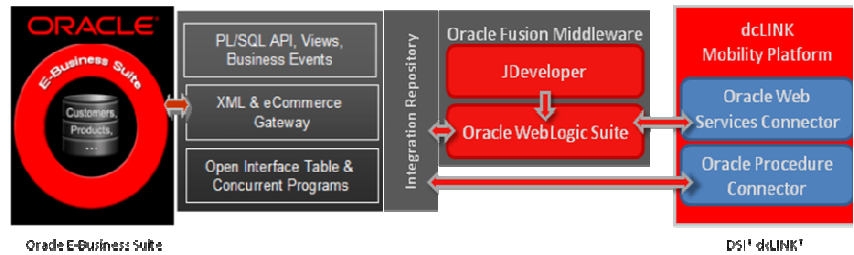
This SOA-enabled integration is flexible and adaptable. Using WSDL, dcLINK can inquire on a Web service, collect the required XML data, and pass that data to Oracle Fusion Middleware for execution. Using Oracle JDeveloper, Oracle E-Business Suite Release 12.1 users can develop their own Web services and use Oracle SOA Suite to initiate those Web services following the dcLINK transaction.

## Support

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dcLINK integration with Oracle E-Business Suite Release 12.1.

## Environment

*Data Systems International Environment*

dcLINK 7

*Oracle Environment*

Oracle E-Business Suite Release 12.1

Oracle Order Management

Oracle Logistics Inventory Visibility

Oracle Procurement

Oracle Manufacturing

Oracle Asset Lifecycle Management

Oracle Enterprise Asset Management Oracle Database 11g

Oracle WebLogic Server 11g

Oracle SOA Suite 11g

For additional information about partnering with Oracle, please contact [opninfo\\_us@oracle.com](mailto:opninfo_us@oracle.com) or visit [partners.oracle.com](http://partners.oracle.com).

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