

KEWILL, INC.

Kewill Flagship Validated Integration with Oracle E-Business Suite 12.1



A Parcel Industry Leader for Shipping Across the Globe

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Kewill Flagship is an enterprise, multicarrier shipping management system that can support high-volume, multiple-location, international and domestic shipping to meet the needs of both moderate shipping operations and complex distribution environments. Kewill Flagship manages thousands of shipping stations and fulfills more than 100,000 shipments per day on a single deployment.

Company Overview

With more than 35 years of experience in parcel logistics and global trade management, Kewill has a suite of software solutions that simplify the management of global supply chains and provide functionality such as parcel shipping, real-time compliance screening, and automated export document production. With more than 12,000 deployments of shipping solutions Kewill's customers are some of the highest volume-parcel and Less Than Truckload (LTL) shippers across the globe.

Integration Overview

The Kewill Flagship application is an enterprise shipping solution used to rate, ship, and generate certified compliant labels for carriers such as UPS, FedEx, USPS, DHL, TNT, and many regional LTL carriers, Kewill Flagship supports rating and shipping globally, and supports all of its shipping transactions via a TCP/IP socket-based API transaction set.

The Kewill Flagship Adapter is a PL/SQL package that allows for a standard integration between the Kewill Flagship 5.0 application and Oracle E-Business Suite 12.1. The PL/SQL-based integration provides the flexibility to meet the needs of the shipping workflow; users may need to access the Kewill application at order entry and/or at shipment planning and execution through delivery and payment. For this reason, the transaction is not tied to any specific form or routine, and can be initiated from anywhere within Oracle E-Business Suite that can execute a PL/SQL package, such as a concurrent program or a custom Oracle form, or from a modified workflow event. The PL/SQL package executes the shipping request with the Kewill Flagship application and uses the results to update the delivery's shipping details in Oracle E-Business Suite, such as tracking numbers and freight charges. If required, the ship confirmation step will be executed as well.

The Kewill Flagship Adapter allows for a variety of transactions including multiple shipping types, as well as (but not limited to):

- Rate shopping, including time in transit



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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- Carrier compliance labeling and manifesting
- Voiding
- Tracking

Integration Details

By utilizing the Kewill Flagship Adapter PL/SQL package with Oracle E-Business Suite, a customer can interface with the Kewill Flagship shipping application in the ways that best meet their needs.

The calling object from Oracle E-Business Suite executes a function within the Kewill Flagship Adapter PL/SQL package; only the delivery ID is required. The Kewill function queries the necessary shipping information from the Oracle Database and constructs the API shipping transaction for Kewill Flagship. The transaction is executed with the Kewill Flagship shipping application synchronously; a Java component handles the TCP/IP communication with the Kewill Flagship shipping application. The shipping results, such as the tracking numbers and freight charges, are returned from the Kewill Flagship shipping application and used to update the delivery in Oracle E-Business Suite. The delivery updates and shipping confirmation are performed by the Kewill Flagship Adapter by executing standard order management API procedures.

In addition to a standard shipping workflow, the Kewill Flagship Adapter PL/SQL package is flexible enough to support additional workflows such as:

- Rate shopping: Carrier and service rate shop results can be returned listing the rates along with estimated transit times to help select the best carrier/service that meets the delivery date commitment.
- Shipment execution: Deliveries can be preshipped with Kewill Flagship to generate carrier labels up front. Once the deliveries are loaded onto the carrier's truck they can also be confirm-shipped with Kewill Flagship to be manifested.
- To hold: Deliveries can be sent to the Kewill Flagship's hold database to allow a shipping operator to perform exception handling using the Kewill Flagship application's Web-based user interface.

Environment

Kewill Environment

Kewill Flagship, Version 5.0
Oracle Database 11g Release 2

Oracle Environment

Oracle E-Business Suite 12.1
Oracle Application Server 10g
Oracle Database 11g Release 2

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