TITAN

TITAN SHIPPING INTERFACE

SHIPPING INTERFACE

OVERVIEW

The Titan Shipping Interface is used to ship customer orders via UPS.

The interface uses web service API's to transmit package information to the UPS shipping system, and receives the shipping cost and a tracking ID for the customer order shipment as a response from the UPS shipping system.

Both the shipping cost and the tracking ID are saved to the SAP delivery document.

A process is also provided to cancel a shipment using either the UPS tracking number or the SAP delivery number.

PRODUCT DETAILS

There are a number of system parameters and run-time values that are required by the UPS interface for correct operation. SAP transactions are provided for the following maintenance items:

- Maintain UPS interface access keys
- Maintain UPS account numbers
- Maintain UPS runtime parameters
- Maintain UPS package types
- Maintain UPS service codes
- Maintain mapping between SAP conditions and UPS service codes
- Maintain UPS weight Unit of Measure codes

A configuration document is provided for SAP system administrators to configure correctly the interface parameters.

A SAP transaction is provided to create a UPS shipment request and print shipping labels.

The operator enters a SAP Delivery number. If the request is successful, the operator is guided to print shipment labels for the Delivery and update the Delivery header with the weight, number of packages and UPS tracking number.

Transaction screens are shown to the right.

Select delivery number for processing

Process

Delivery   8000023B

SCREEN 1: DELIVERY NUMBER FOR SHIPMENT

Request UPS shipment for delivery number 80000238

Send to UPS

Delivery   80000238

Ship to F   eatherlite
Attention of
Telephone no.   5635477024
Street   P.O. Box320
City   Cresco
State   IA
Zip   52136

Service Code   03   UPS Ground
Package type   02   Customer Supplied Package
No. of packages   1
Total Weight   15.450
Weight unit   LB   Declared value for insurance
Bill cust acct   ☑   Details   USD

SCREEN 2: SHIPMENT PACKAGE DATA ENTRY

Print shipping labels for delivery number 80000238

Print UPS shipment labels   **omplete**

Delivery   80000238   Tracking #   12730913039879068

Ship to   Featherlite
Attention of
Telephone no.   5635477024
Street   P.O. Box320
City   Cresco
State   IA
Zip   52136

Service Code   03   UPS Ground
Package type   02   Customer Supplied Package
No. of packages   1
Total Weight   15.450   Declared value for insurance
Weight unit   LB   0.00   USD
Bill cust acct   ☑

SCREEN 3: PRINT LABELS & CONFIRM DELIVERY

A SAP transaction is provided to send a shipment cancellation request to UPS.

The operator enters either a UPS tracking number or a SAP Delivery number. Success or failure of the cancellation request is reported to the operator via an application message.

Transaction screens are shown to the right.

Select delivery for cancellation

Process

Cancel Shipment by:

⦿   Shipment Id   1212345801305279
○   Delivery

SCREEN 1: SELECT DELIVERY FOR CANCELLATION

Cancel shipment for tracking ID 1Z12345E0193075279

Send to UPS

Shipment Id   1Z12345E0193075279
Delivery   80000014

Ship toA   cademy Sports & Outdoors - Ow
Attention of
Telephone no.
Street   10666 N Hwy 169
City   Owasso
State   OK
Zip   74055

SCREEN 2: CHECK DELIVERY DETAILS AND SEND CANCELLATION REQUEST

Cancel shipment for tracking ID 1Z12345E0193075279

Send to UPS

Shipment Id   1Z12345E0193075279
Delivery   80000014

Ship toA   cademy Sports & Outdoors - Ow
Attention of   Information
Telephone no.
Street   10666 N Hwy 169   ⓘ Void return code - E: Success
City   Owasso
State   OK
Zip   74055

SCREEN 3: CANCELLATION STATUS RETURNED FROM UPS

FUTURE ENHANCEMENTS AND EXTENSIONS

Currently, the UPS interface only supports shipment within the US. On request from customers, support for international shipping and dangerous goods will be added.

Modules can be added to shipping interface to support other carriers, provided the carrier provides suitable web service API's.

GLOBAL HEADQUARTERS

3411 Preston Rd., Ste. C13-PMB 205 / Frisco, Texas 75034 / Main: 972.377.3500 / Fax: 972.692.7436