TITAN SHIPPING INTERFACE

AN AFFILIATE OF TITAN CONSULTING





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

Select delivery number for processing		
Process		
Delivery	8000023B	
SCRFFN 1:	DELIVERY NUMBER FOR	

SHIPMENT

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.

[Request UPS shipment for delivery number 80000238
1	Send to UPS
	<u>Delivery</u> 80000238
	Ship tof catholite Attorners SUSCIPTIAL Statement SUSCIPTIAL Open Dearcol State N State N State N State N
	Service Cele III VP5 Grand Service Cele Control Sopiel Package To Calculator Sopiel Package Second Service Cele Cele Cele Cele Cele Cele Cele Ce

SCREEN 2: SHIPMENT PACKAGE DATA ENTRY

Bottom execution Sing mathematical states Functional states Sing mathematical states SiN2/7044 Sing mathematical states Sing mathematical states	rint shipping labels for del Print UPS shipment labels emplete		
Intention of Source 1 531507204 Source 1 P.0. Box120 Source 1 Source 1 Source 1 Content-Soppied Pakage Source 1 Source 1 Source 1 Source 1 Source 1 Source 1 Source 1 Source 1	iDelivery 80000238	Tracking # 127309130398790686	
Statypense PASS/07264 Sorter PA Sorter Sorter Sorter PA Sorter Sorter Sorter Sorter Sorter Sorter Sorter Sorter Sorter Sorter Sorter Sorter <td></td> <td></td> <td></td>			
State PA (6x12) Cy Crean State M 20 State State Content-Special Palage State Content-Special Palage State Content-Special Palage State State State State State State			
State II Spin S13.6 Servic (sole II State strate Catherris Spiled Package M. dr package II State strate III Brightent III III 0.6			
Base R1316 Strates Code 0 015 Ground Strates Code 0 05 Ground	City Cresco		
Service Code 01 UF5 Genund Peduate type 02 Contents Supplier Package Mod package, 11 Teal Weight 15:60 Declared whether instructors Weight Last 16:80 SP D	State IA		
Service cours or standard No. of packages 02 Lotal Weight mit 15.450 Dedared value for insurance U/S0	Zip 52136		
	Package type 02 No. of packages 1 Total Weight 15.450 Weight unit LB	Customer Supplied Package Declared value for insurance	
DELIVERY			



Cancel shipme	Cancel shipment for tracking ID 1Z12345E0193075279		
Send to UPS			
Shipment Id i Delivery	1212345681998075279 80900914		
Ship to A Attention of Telephone no.	cademy Sports & Outdoors - Ow -		
Street	10666 N Hwy 169		
City	Owasso		
State	_OK		
Zip	74055		

A SAP transaction is provided to send a shipment

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.

cancellation request to UPS.

SCREEN 2: CHECK DELIVERY DETAILS AND SEND CANCELLATION REQUEST

Cancel ship	nent for trackin	g ID 1Z12345E0193075279
Send to UPS		
Shipment id Delivery	1212345E0193075279 80000014	
Ship toA Attention of	cademy Sports & Outdoo	es-Ow
Telephone no.		-
Street	10666 N Hwy 169	Woid return code - 1: Success
City	Owasso	
State	OK	
	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.



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