

294635 v1.0

Aptean Ltd
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1 294635

Aaptean

DHL C-TMS

Template Modifications

FUNCTIONAL SPECIFICATION - 10.7

12/01/12 - 1.0

Reference: FS 294635 NW-8P9PHN





2 FUNCTIONAL OVERVIEW

2.1 Client Requirement

Modify the ?Order Templates? in C-TMS to allow the customer reference (external reference) and delivery point reference to be entered at the point of generation, this should also allow multiple orders, each with a different customer reference, delivery point reference and DU quantity/weight to be generated from a single template.

2.2 Solution

The ?Order Templates? screen will be modified to enable the user to specify a booking, customer and delivery point reference for all, or each, of the transport orders generated for the batch template; or separately for a single transport order created for the template itself.

The user will also have the opportunity to alter the DU quantity and weight for each transport order generated for the batch template (i.e. via the ?Generate? button) or for the template itself (i.e. via the ?Create Order? button).

The new functionality will be applicable based on a new system parameter.

2.3 Scope

2.4 Pre-Requisites

The new system parameter ?ORD_TEMPLATE_EDIT_UPDATE? has been created.

2.5 Data

The new system parameter ?ORD_TEMPLATE_EDIT_UPDATE? has been set to ?Y? for the ?HCRPRD? database.

2.6 Implementation Advice

The new system parameter ?ORD_TEMPLATE_EDIT_UPDATE? should be created and set prior to the new programs being released.



3 FUNCTIONAL DESCRIPTION

3.1 'ORD_TEMPLATE_EDIT_UPDATE' System Parameter

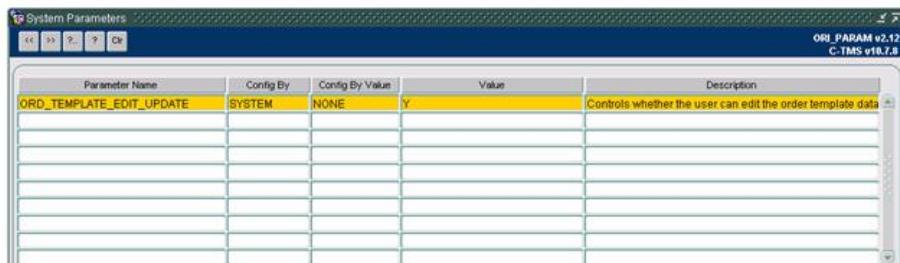
The new functionality will be applicable based on a new system parameter called ?ORD_TEMPLATE_EDIT_UPDATE?.

The description of the new system parameter will be:

?Controls whether the user can edit the order template data during generation (Y/N).?

The new system parameter will be set to ?Y? should the new functionality be required for the database; if the new system parameter does not exist, or is not set to ?Y?, then the existing functionality will apply.

For example:



3.2 Order Template Screen

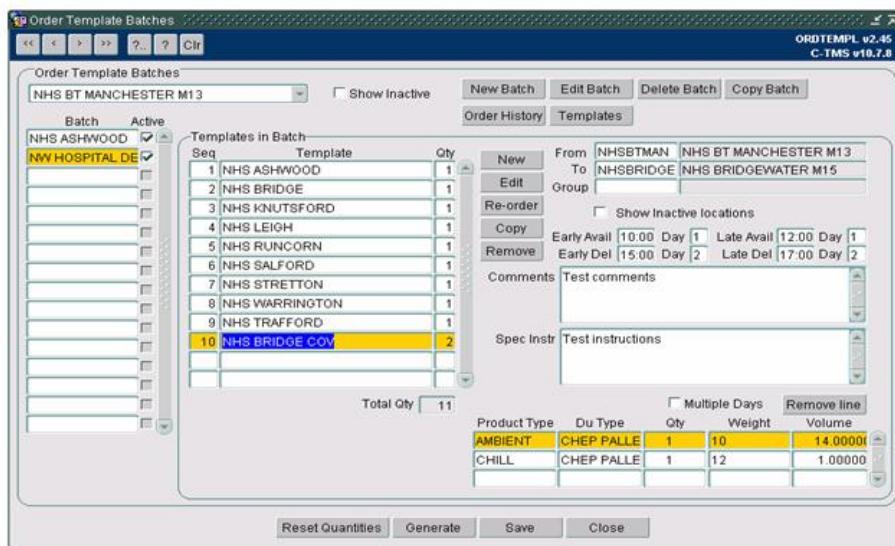
The **Order Templates** screen (i.e. **ORDTEMPL** form) will be modified to enable the user to specify a booking, customer and delivery point reference for all, or each, of the transport orders generated for the batch template.

N.B. The current method for a single transport order created for the template itself allows the user to enter the ?Booking Ref?, ?Customer Ref? and ?Del Point Ref? fields in the ?Order Details? screen when the new transport order has been generated.

The user will also have the opportunity to alter the DU quantity, weight and volume for each transport order generated for the templates in the batch (i.e. via the **?Generate?** button) or for the template itself (i.e. via the **?Create Order?** button).

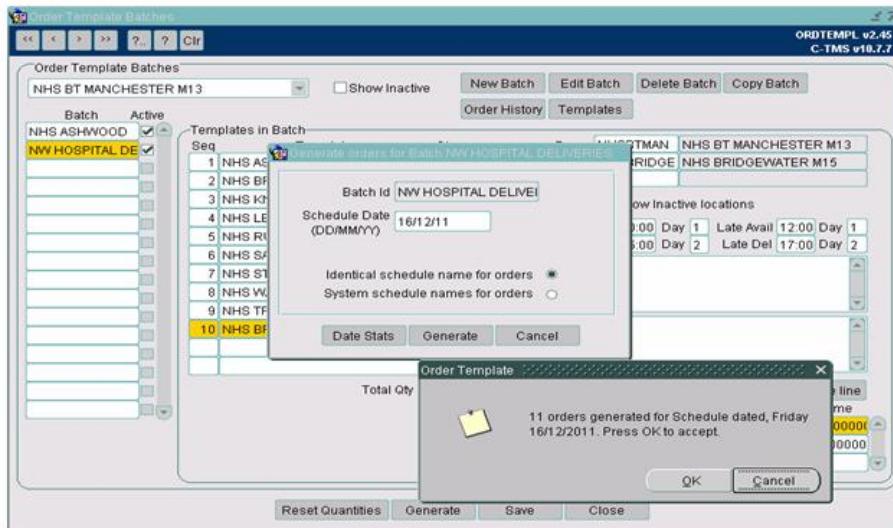
The new functionality will be applicable based on the new system parameter ?ORD_TEMPLATE_EDIT_UPDATE? being set to ?Y?.

An example of an order template may be seen below:



3.2.1 Generate

The order template can be used to create transport orders via the ?Generate? button (if the ?Multiple Days? box is ticked then the user can specify the number of successive days to generate the transport orders in an extra ?Days to Generate? field):



The two transport orders will have been created from the order template:

Order details for 1023013

Status		Oms Ref	Booking Ref	Booked In	Customer Ref	Del Point Ref	Lookup...								
UNSCHEDEDLED		1023013					ORDERS v2.184 C-TMS v10.7.7								
Detail		Order Refs	Add Detail	LOC Detail	SAP Detail	MTM Info	Audit	Audit Archive	Finance	Services	Non Conform.	Comments	Trip Detail	Hazardous D...	
Cost Centre		NHSBT	Customer	NHS	Schedule	111216									
Template ID		NHS BRIDGEC	Group Name		Postcode Search										
Collected From		NHSBTMAN	NHS BT MANCHESTER M13		Postcode Search										
Deliver To		NHSBRIDOE	NHS BRIDGEWATER M15		Postcode Search										
Current Location					Temp Combo	Chill Amb									
Collect times		17/12/11	10:00	to	17/12/11	12:00	Target		Target		Hazardous		Quality Control		
Delivery times		18/12/11	15:00	to	18/12/11	17:00	Target		Target						
Planned		Product Type	DU Type	Qty	Weight	Volume	Cases	RPE	Packed	Despatched	Delivered	Weight	Volume	Special Flag	
Actual		AMBIENT	CHEP PALLET	1	10.00	14.00000		1.00							
		CHILL	CHEP PALLET	1	12.00	1.00000		1.00							
Original Date				2	22.00	15.00000	0	2.00							
Special Instructions		Do not do													

New Order View Info Save Close Re-book Send Ord Msg Non Conformance Pack Confirm Reprint Label

Order details for 1023014

Status		Oms Ref	Booking Ref	Booked In	Customer Ref	Del Point Ref	Lookup...								
UNSCHEDEDLED		1023014					ORDERS v2.184 C-TMS v10.7.7								
Detail		Order Refs	Add Detail	LOC Detail	SAP Detail	MTM Info	Audit	Audit Archive	Finance	Services	Non Conform.	Comments	Trip Detail	Hazardous D...	
Cost Centre		NHSBT	Customer	NHS	Schedule	111216									
Template ID		NHS BRIDGEC	Group Name		Postcode Search										
Collected From		NHSBTMAN	NHS BT MANCHESTER M13		Postcode Search										
Deliver To		NHSBRIDOE	NHS BRIDGEWATER M15		Postcode Search										
Current Location					Temp Combo	Chill Amb									
Collect times		17/12/11	10:00	to	17/12/11	12:00	Target		Target		Hazardous		Quality Control		
Delivery times		18/12/11	15:00	to	18/12/11	17:00	Target		Target						
Planned		Product Type	DU Type	Qty	Weight	Volume	Cases	RPE	Packed	Despatched	Delivered	Weight	Volume	Special Flag	
Actual		AMBIENT	CHEP PALLET	1	10.00	14.00000		1.00							
		CHILL	CHEP PALLET	1	12.00	1.00000		1.00							
Original Date				2	22.00	15.00000	0	2.00							
Special Instructions		Do not do													

New Order View Info Save Close Re-book Send Ord Msg Non Conformance Pack Confirm Reprint Label

3.2.2 Create Order

The order template can also be used to create a transport order via the ?Create Order? button in the screen that is



displayed via the ?Templates? button:

Template Id	Cost Centre	Customer	ECT	EDT	From Location	To Location	Group	Last Used	Del Type	First Batch
NHS BRIDGE COX	NHSBT	NHS	10:00	15:00	NHSBTM_NHS BT MANCHES	NHSBRID_NHS BRIDGEWATE	15-12-2011		NW HOSPIT	
NHS TRAFFORD	NHSBT	NHS	08:00	11:30	NHSBTM_NHS BT MANCHES	NHSSTRAF_NHS TRAFFORD M1	15-12-2011	Standard	NW HOSPIT	
NHS WARRINGTON	NHSBT	NHS	08:00	09:30	NHSBTM_NHS BT MANCHES	NHSWVARI_NHS WARRINGTON	15-12-2011	Standard	NW HOSPIT	
NHS STRETTON	NHSBT	NHS	08:00	10:00	NHSBTM_NHS BT MANCHES	NHSSPR_NHS SPIRE WA4	15-12-2011	Standard	NW HOSPIT	
NHS SALFORD	NHSBT	NHS	08:00	10:00	NHSBTM_NHS BT MANCHES	NHS SALFORD M2	15-12-2011	Standard	NW HOSPIT	
NHS RUNCORN	NHSBT	NHS	08:00	09:30	NHSBTM_NHS BT MANCHES	NHSRULIN_Runcorn_N H S Loc	15-12-2011	Standard	NW HOSPIT	
NHS LEIGH	NHSBT	NHS	08:00	11:00	NHSBTM_NHS BT MANCHES	NHSLEIO_NHS LEIGH WN7	15-12-2011	Standard	NW HOSPIT	
NHS KNUTSFORD	NHSBT	NHS	08:00	11:00	NHSBTM_NHS BT MANCHES	NHSKNUJ_NHS KNUTSFORD	15-12-2011	Standard	NW HOSPIT	
NHS BRIDGE	NHSBT	NHS	07:30	09:00	NHSBTM_NHS BT MANCHES	NHSBRID_NHS BRIDGEWATE	15-12-2011	Standard	NW HOSPIT	
NHS ASHWOOD	NHSBT	NHS	08:00	09:00	NHSBTM_NHS BT MANCHES	NHSASHW_NHS ASHWOOD WJ	15-12-2011	Standard	NHS ASHW	
NHSMADS COV			00:01	00:01	DHLCOVE_DHL_Coventry_0raft	NHS MAC_Maidstone_Nhs Logi	05-10-2007	OTHER DEL		
NHSALFERT COV			00:01	00:01	DHLCOVE_DHL_Coventry_0raft	NHSALFR_Afferton_Nhs Alfre	04-10-2007	OTHER DEL		
NHS NORMA COV			00:01	00:01	DHLCOVE_DHL_Coventry_0raft	NHSNORI_Normanton_N H S Loc	04-10-2007	OTHER DEL		
NHSRUNC COV			00:01	07:00	DHLCOVE_DHL_Coventry_0raft	NHSRULIN_Runcorn_N H S Loc	02-10-2007	OTHER DEL		
NHS BRIDE COV			00:01	00:01	DHLCOVE_DHL_Coventry_0raft	NHSBRID_Bridgwater_N H S Loc	01-10-2007	OTHER DEL		
NHSBURY ST COV			00:01	00:01	DHLCOVE_DHL_Coventry_0raft	NHSBLR_Bury St_Nhs Logist	05-10-2007	OTHER DEL		
NHSBURYSTED			00:01	00:01	EXELBAN_Banbury_Banbury D	NHSBLR_Bury St_Nhs Logist		Other Deliv		
NHSRUNC BAN			00:01	07:00	EXELBAN_Banbury_Banbury D	NHSRULIN_Runcorn_N H S Loc		Other Deliv		
NHSNORM BAN			00:01	00:01	EXELBAN_Banbury_Banbury D	NHSNORI_Normanton_N H S Loc		Other Deliv		
NHSMADM BAN			00:01	00:01	EXELBAN_Banbury_Banbury D	NHSMADM_Maidstone_N H S Loc		Other Deliv		

The single transport order will have been created from the order template:

Order details for 1023016										
Status	Orns Ref	Booking Ref	Booked In	Customer Ref	Del Point Ref	ORDERS v2.176 C.TMS v18.7.7				
UNSCHEDEDLED	1023016									
Cost Centre	NHSBT	Customer	NHS	Schedule	111217					
Template ID	NHS BRIDGE C	Group Name								
Collect From	NHSBTMAN	NHS BT MANCHESTER M13		Postcode Search						
Deliver To	NHSBRIDOE	NHS BRIDGEWATER M15		Postcode Search						
Current Location				Temp Combo	Child Amb					
Collect times	16/12/211	10:00	to	16/12/211	12:00	<input checked="" type="checkbox"/> Standard times	<input type="checkbox"/> Collection Time Target	<input type="checkbox"/> Delivery Time Target	<input type="checkbox"/> Open Window	Hazardous
Delivery times	17/12/211	15:00	to	17/12/211	17:00	<input type="checkbox"/> Target	<input type="checkbox"/> Target	<input type="checkbox"/> Target	<input type="checkbox"/> Target	Quality Control
Planned										
Actual										
Product Type	DU Type	Qty	Weight	Volume	Cases	RPE	Packed	Despatched	Delivered	Weight
AMBIENT	CHEP PALLET	1	10.00	14.00000		1.00				
CHILL	CHEP PALLET	1	12.00	1.00000		1.00				
Original Date		2	22.00	15.00000	0	2.00				
Special Instructions	Do not do									
<input type="button" value="New Order"/> <input type="button" value="View Info"/> <input type="button" value="Save"/> <input type="button" value="Close"/> <input type="button" value="Re-book"/> <input type="button" value="Send Ord Msg"/> <input type="button" value="Non Conformance"/> <input type="button" value="Pack Confirm"/> <input type="button" value="Reprint Label"/>										

The functionality for the ?Create Order? button will not be changed because the user is able to modify the order references and DU data once the transport order is created.

3.2.3 Modifications

When the user presses the ?Generate? button a popup screen is displayed, for example:

Generate orders for Batch NW HOSPITAL DELIVERIES									
Batch Id	NW HOSPITAL DELIVEI								
Schedule Date	12/01/12 (DD/MM/YY)								
Days to Generate	2								
<input checked="" type="radio"/> Identical schedule name for orders <input type="radio"/> System schedule names for orders									
<input type="button" value="Date Stats"/> <input type="button" value="Generate"/> <input type="button" value="Cancel"/>									

This popup screen will be changed so that the user will be able to enter order references and specify that the transport order may be edited once created.

If the new system parameter ?ORD_TEMPLATE_EDIT_UPDATE? is set to ?Y? then the popup screen will display extra fields to ask the user whether the order template data will be changed during processing, for example:



The popup screen will include the following questions with tick boxes:

- ?Do you want to edit the transport order data during processing??
- ?Use the following references for all orders??

If the box is ticked then the item will have a value of ?Y? and when not ticked the item will have a value of ?N?.

The popup screen will also include the following fields for the order references:

- ?Booking Ref?
- ?Customer Ref?
- ?Del Point Ref?

The new tick boxes and order references will be stored in the ?GENERATE_ORDERS? data block.

If the ?Do you want to edit the transport order data during processing?? box is ticked then the ?Order details for X? screen will be displayed once the transport order has been created and the user will be able to edit the order data (i.e. the order references and DU data). The functionality for the ?Generate? button will then be similar to the ?Create Order? button.

If the ?Use the following references for all orders?? box is ticked then the same order references entered will be used for all of the transport orders that may be created.

N.B. No validation will be performed to ensure that an order reference has been entered should the user tick the ?Use the following references for all orders?? box. If an order reference of any type is entered then the transport order will be created with that order reference.

If the ?Use the following references for all orders?? box has not been ticked then the user will have to maintain the order references for each transport order that are created for the order template.

In summary:

Functionality Required	Do you want...?	Use the ...?	References
Same references for all orders on the templates in the batch.	N/Y	Y	Y
Different references for all orders on the templates in the batch.	Y	N	N
Ability to modify the DU data.	Y	N/Y	N/Y

The processing will be changed to pass the order references to the ?OMS.CREATE_BATCH_ORDERS? function if the ?Use the following references for all orders?? box is ticked; if the box is not ticked then the order references will be passed as null values.

The order references will also be passed as null values to the ?OMS.CREATE_ORDER_FROM_TEMPLATE? function when transport orders are created via the ?Create Order? button: this is because the order references will be passed between the functions in the ?OMS? package as described in section 3.3.

If the ?Do you want to edit the transport order data during processing?? box is ticked then the internal ?F_EDIT_ORDER? function will be used to allow the user to edit the transport order after it has been created.



3.3 OMS Package

The ?OMS? package for the transport order processing will be modified to use the extra data that may be entered by the user in the ?Order Template? screen.

The new functionality will be applicable if the extra data has been provided by the call from the ?Order Template? screen, therefore the new system parameter ?ORD_TEMPLATE_EDIT_UPDATE? will not need to be checked within the package because it must be set to ?Y? for the extra data to be provided.

The ?CREATE_BATCH_ORDERS? function will be changed to receive the three extra parameters for the order references.

The ?CREATE_ORDER_FROM_TEMPLATE? function will also be changed to receive the three extra parameters for the order references.

The ?CREATE_ORDER_FROM_TEMPLATE? function will use the three extra parameters to update all of the transport orders created from the template with the order references provided.

The order references will be stored on the ?SCH_ORD? database table as follows:

Reference	Database Item
Booking Ref	BOOKING_REF
Customer Ref	EXTERNAL_REF
Del PointRef	DEL_POINT_REF



4 REFERENCES

Ref No	Document Title & ID	Version	Date
1	EST-294635 NW-8P9PHN Template Modifications v1.0.doc	1.0	16/12/11



5 DOCUMENT HISTORY

Version	Date	Status	Reason	Initials
0.1	11/01/12	Draft	Initial version	PDR
1.0	12/01/12	Issue	Reviewed and Issued	MJC



6 AUTHORISED BY

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