

249774

Aptean Ltd
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3 Functiona Overview

3.1 Client Requirement

Change Background Colour of 'Customer ref' field to identify Modified orders

If an Order is Modified via Interface then the background colour of the 'Booking Ref, Customer Reference, Del Point Ref' fields should change to a Red Tone to identify Orders that have been modified. (As per the colour change associated with addition of Special Instructions) Suggest a third colour when both conditions are true.

Added by NW - 15/01/08: The condition should probably be based around the order being edited by the user associated with the Interface (MTS_INTERFACE) post creation. Once the order reference is highlighted in the new colour it should then revert the previous colour (either based on Special Instructions or none) once the order has been edited by a user other than MTS_INTERFACE, note that to apply this I would suggest it being mandatory to press the "Save" button.

I have suggested against the different colour when both criteria are satisfied as this will get confusing if a third criteria is added.

3.2 Solution

Currently the only highlighting functionality within ORDERS, TRIPSUM and TRIP_PLAN that applies to Consumer Networks is as follows: If an Order has Special Instructions then set the OMS Ref, External Ref, Del Point Ref and Booking Ref fields BLUE.

New functionality for screens ORDERS, TRIP_SUM and TRIPPLAN will set the External Ref, Del Point Ref and Booking Ref RED when the following are true:

Changed_User = ?MTS_INTERFACE? Created_Date and Changed_Date have a difference of more than 5 seconds, as when an Order is created by MTS_INTERFACE this process may span a few seconds. For example the Created_Date may be 27/06/2008 12:18:00 but when the Order is finished being automatically set up it will have a Changed_Date of 27/06/2008 12:18:02 with both Created_User and Changed_User being ?MTS_INTERFACE?, making it look like it was changed by MTS_INTERFACE post-creation. Also suggest checking: Order Status = ?UNSCHEDULED? as most orders in status of SCHEDULED, SCHED_COLL, DELIVERED etc. have a Changed_User of ?MTS_INTERFACE? due to POD Info / Order Revenue / Contract / Cost Data being changed/updated in the background.

When an Order has Special Instructions and has also been modified post-creation by MTS_INTERFACE this will be evident as the OMS Ref will be BLUE and the External Ref, Del Point Ref and Booking Ref will be RED, therefore no third colour will be required when both criteria are true. When the Order has been updated by someone other than MTS_INTERFACE, the RED highlighting will be removed and the OMS Ref, External Ref, Del Point Ref and Booking Ref will all be BLUE to indicate the order has only got Special Instructions.

3.3 Scope

This change will be applied to system version 10.6 on CONTST and once approved CONPRD. This form will be applicable to all MTS environments, as the nature of this change does not impact on the current functionality of the form. At present, only Consumer Networks have Orders Modified by MTS_INTERFACE and will therefore be the only environment to see the red highlighting.



4 Functional Description

4.1 New Functionality

The screenshot below is an example of the Order Summary section of the ORDERS screen including the new functionality to highlight the External Ref, Del Point Ref and Booking Ref with the colour RED; when the Order has been modified by MTS_INTERFACE post-creation.

Order Summary

<< < > >> P... ? Or

ORDERS v2.1
MTS v19.0

Custom up to 16/07/08 Refresh

Locations Totals Finance Comments

Schedule	Cust Ref	Status	Type	Collect	Ready At	Deliver	Deliver By	Target	
080404	00003765_R1	ABORTED	Standard	DHLBIC	DHL_BICESTER_OX26	04/04/08 00:00	SOMEBRID	Bridgwater_Somerf	04/04/08 14:00
080404	803727754	CANCELLED	Standard	DHLDONC	Hatfield_DHL (Scotts) C	03/04/08 06:00	FOCUCREV	Crews_Focus_CW1	04/04/08 15:59
080404		CANCELLED	Standard	DHLBIC	DHL_BICESTER_OX26	03/04/08 00:01	DHLBANB	Banbury_DHL Exel Su	04/04/08 23:00
080404		CANCELLED	Standard	DHLBIC	DHL_BICESTER_OX26	03/04/08 00:01	DHLBANB	Banbury_DHL Exel Su	04/04/08 23:00
080404	03270013	UNSCHEDULED	Standard	SILVBURY	Bury St Edmunds_Silver	04/04/08 00:00	EASTBIRM	Birmingham_East End F	04/04/08 23:59
080404	03270010	UNSCHEDULED	Standard	ALLIBISH	Bishop Stor_Allinsons C	04/04/08 00:00	DHLHUNT	Godmanchester_DHL	04/04/08 23:59
080404	03270009	UNSCHEDULED	Standard	SILVBURY	Bury St Edmunds_Silver	04/04/08 00:00	DHLHUNT	Godmanchester_DHL	04/04/08 23:59
080404	8062300	UNSCHEDULED	Standard	DHLMKCAC	DHL_CADBURY_MILTO	04/04/08 00:00	MORRBELL	Bellshill_Morrisons_M	04/04/08 23:59
080404	03270012	UNSCHEDULED	Standard	ASKEAYLE	Aylesbur_Askeys From	04/04/08 00:00	DHLHUNT	Godmanchester_DHL	04/04/08 23:59
080404	TEST DATA	SCHEDULED	Standard	DHLMKCAC	DHL_CADBURY_MILTO	04/04/08 06:00	DHLCADWP	Warrington_DHL Cad	04/04/08 23:59
080404	65031545	UNSCHEDULED	Standard	DHLHUNT	Godmanchester_DHL_f	04/04/08 00:00	NISASCUN	Scunthor_Nisaway W	04/04/08 23:59
080404	4480928233	UNSCHEDULED	Standard	DHLBIC	DHL_BICESTER_OX26	04/04/08 00:00	000206378	NEW LOCATION 1001	04/04/08 23:59
080404	55031545	UNSCHEDULED	Standard	DHLHUNT	Godmanchester_DHL_f	04/04/08 00:00	3013624	NEW LOCATION 1011	04/04/08 23:59
080404	4480928235	UNSCHEDULED	Standard	DHLBIC	DHL_BICESTER_OX26	04/04/08 00:00	000206378	NEW LOCATION 1001	04/04/08 23:59
080404	00003765_R2	UNSCHEDULED	Standard	DHLBIC	DHL_BICESTER_OX26	05/04/08 03:00	SOMEBRID	Bridgwater_Somerf	05/04/08 12:00

Order Count Cancel/Rest... Search New Edit View View Trip Re-book Close

On the screen above, you can only see the External Ref, if an Order has been modified Post-Creation by MTS_INTERFACE and also has Special Instructions; then RED highlighting will take precedence on the Order Summary screen.

Below is an example screenshot of the Order Details section of the ORDERS screen including the new functionality for RED highlighting. An Order that has been modified post-creation by MTS_INTERFACE will display as this; without having Special Instructions.

Product Type	DU Type	Qty	Weight	Volume	Cases	RPE	Despatched	Delivered	Weight	Volume	Special Flag
AMBIENT	CHEP PALLET	1.000	493.32	1.00000	120	1.00					

This further screenshot is an example of the Order Details Section with an order that has been modified post-creation by MTS_INTERFACE; with Special Instructions.



Order details for 934377

STATUS: UNSCHEDULED Oms Ref: 934377 Booking Ref: RELEASED Booked In: 86031545 Customer Ref: 86031545 Del Point Ref: TEST UPLIFT

Cost Centre: EXEL Customer: SILVER SPOOL Schedule: 080404 Template ID: Collect From: DHLHUNT Group Name: DHLHUNT Collect To: NISASCUN2 Scunthorpe Warehouse DN15 8QQ

Current Location: Temp Combo: Collect times: 04/04/08 00:00 to 04/04/08 23:59 Delivery times: 04/04/08 00:00 to 04/04/08 23:59

Target: Standard times Collection Time Target Delivery Time Target Open Window

Product Type	DU Type	Qty	Weight	Volume	Cases	RPE	Despatched	Delivered	Weight	Volume	Special Flag
AMBIENT	CHEP PALLET	3,000	2,825.28	3,00000	180	3.00					

Original Date: 3,000 2,825.28 3,00000 180 3.00

Special Instructions: Contact: Contact Phone: Contact Fax: Contact Email: Name: NISA TODAY'S LTD Address1: NISAWAY Address2: FOXHILL INDUSTRIAL ESTATE Town: PARK FARM ROAD Post Code: DN15 80P Country: GB Notes: 1 PROD PER PLT BIN 01724282028 FAIL 2 DEL ON SPEC DAY=PENALTY

New Order View Info Save Close Re-book

From the screenshot below, displaying the TRIP_PLAN screen, the Unscheduled Order Well will display as:

- Orders with Special Instructions - OMS Ref and Cust Ref are BLUE
- An Order that has been modified post-creation by MTS_INTERFACE - Cust Ref is RED
- An Order with Special Instructions that has been modified post-creation by MTS_INTERFACE - OMS Ref is BLUE and Cust Ref is RED

Trip Planning

Plan Reg: Postal Reg: From: To: Schedule: Trip: 080404 Order: 080404

Loc: Vol: RPE: Clear: Refresh: New Order: Order Filter

Status: UNSCHEDULED Current: EFX Ref: Layout: #1

OMS Ref	Cust Ref	From	To	Weight	RPE
933158	8062300	DHLMKCAD	MORRIBELL	1.00	
933225	03270012	ASKEAYLE	DHLHUNT	4156.86	26.00
933214	03270010	ALLIBISH	DHLHUNT	27179.92	24.00
933235	03270013	SILVERBURY	EASTBIRM	24913.59	20.00
933213	03270009	SILVERBURY	DHLHUNT	3645.65	6.00
933674	4480926235	DHLEIC	0002063784	493.32	1.00
934377	86031545	DHLHUNT	NISASCUN2	2825.28	3.00
933675	4480926233	DHLEIC	0002063784	493.32	1.00
934140	55031545	DHLHUNT	3013624	2825.28	3.00
932743	86031545	DHLEIC	SOMERBRD	15000	1.00

KPI Information: Trip Outbound KPI: 28.57 Trip Inbound KPI: .00 Trip has Collection: N

Carrier Id: Add Remove

Carrier Outbound KPI: Carrier Inbound KPI:

The screenshot below shows the TRIPSUM screen with the same Schedule selected, as in the TRIP_PLAN screen above, the Unscheduled Order Well will display as:

- Orders with Special Instructions - OMS Ref, Cust Ref, Booking Ref and Del Point Ref are BLUE
- An Order that's been modified post-creation by MTS_INTERFACE - Cust Ref, Booking Ref and Del Point Ref are RED
- An Order with Special Instructions that's been modified post-creation by MTS_INTERFACE - OMS Ref is BLUE and Cust Ref, Booking Ref and Del Point Ref are RED



TRIP Management

Sched: 080404 Search

Sched/Batch No: 080404 Not registered Trip No: MAN-00428097 EFX Ref

TRIPSUM v2 MTS v1

Find Trip Filter Refresh Tree Refresh Trip Recalculate Times Revalidate Message

08:00 MAN-00428097 (PLANNED)

Trip Detail Stops Finance Audit

Fix	P	Arr	P	Dep	A	Arr	A	Dep	Type	Location	Trailer Type	Trailer Id	Break
1	04/04/08	08:00	08:30							SU DHL_CADBURY_MILTO	RIGID 9 TON		
2	04/04/08	11:21	22:26							DL Warrington DHL Cadbu	RIGID 9 TON		2:15
3	05/04/08	01:19	01:46							CL DHL_CADBURY_MILTO	RIGID 9 TON		

Weight on Departure .00 Activity Cust Ref RPE
RPE on Departure 4.00 Seq 1 Load TEST DATA 4.00
Km from previous stop 0
Time from prev stop 0

Sched: 080404 Plan Reg From Loc To From Wgt Vol RPE Refresh New O
Layout 1: vndee #1 Curr Loc Status: UNSCHEDULED Current

OMS Ref	Cust Ref	Booking Ref	Del Point Ref	From	To	To Plan	Collect From	Until	Deliver From	Until	Weight	Cases	RPE
933155	8062300	DHLMKCAD		DHLMKCAD	MORREBELL	Reg_1	04/04/08 00:00	23:59	04/04/08 00:00	23:59	28	1.00	
933225	03270012			ASKEAYLE	DHLHUNT	Reg_5	04/04/08 00:00	23:59	04/04/08 00:00	23:59	4156.86	1662	26.01
933214	03270010			ALLIBISH	DHLHUNT	Reg_5	04/04/08 00:00	23:59	04/04/08 00:00	23:59	27179.9	2416	24.01
933235	03270013			SILVBURY	EASTBIRM	Reg_4	04/04/08 00:00	23:59	04/04/08 00:00	23:59	24913.5	1600	20.01
933213	03270009			SILVBURY	DHLHUNT	Reg_5	04/04/08 00:00	23:59	04/04/08 00:00	23:59	3645.65	551	6.00
933674	448092935		Please short ph	DHLBIC	000206378	NMF	04/04/08 00:00	23:59	04/04/08 00:00	23:59	493.32	120	1.00
934377	55031545	RELEASED	TEST UPLIFT	DHLHUNT	NISASCUNG	Reg_2	04/04/08 00:00	23:59	04/04/08 00:00	23:59	2825.28	180	3.00
933675	448092933		Please short ph	DHLBIC	000206378	NMF	04/04/08 00:00	23:59	04/04/08 00:00	23:59	493.32	120	1.00
934140	55031545	RELEASED	TEST UPLIFT	DHLHUNT	3013624	NMF	04/04/08 00:00	23:59	04/04/08 00:00	23:59	2825.28	180	3.00
932743	55031545	RELEASED	TEST UPLIFT	DHLBIC	SOMEBRID	Reg_7	05/04/08 03:00	12:00	05/04/08 11:55	12:00	15000	0	1.00

4.2 New Function

The following Function F_CHECK_ORDER_MODIFIED will be used in forms TRIP_PLAN, TRIPSUM and ORDERS. It will be passed in an OMS_REF where it will check to see if

- the last_changed user was MTS_INTERFACE
- the order status is UNSCHEDULED
- the difference between created_date and changed_date is more than 5 seconds

If TRUE is returned then RED highlighting will be used in the specified fields.



5 References

Ref No	Document Title & ID	Version	Date
249774	EST-249774 PA-7APLFB Identification of Modified orders v1.doc	1	14/07/08



6 Document History

Version	Date	Status	Reason	Initials
1a	15/07/08	Draft	Initial version	LAD
1	16/07/08	Issue	Reviewed and Issued	JAT



7 Authorised By

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