292357 v1.0

Aptean Ltd Copyright © 2011-2025.

# **Contents**

1 292357	1
1.1 Client Requirement	2
1.2 Solution	2
1.3 Scope	3
'	
2 Set-up	4
2 Set-up	4
2.2 Menu Structure	4
2.3 Data	4
2.4 Implementation Advice.	5
3 Functional Description	7
4 AUTHORISED BY	9
	• • • • • • • • • • • • • • • • • • • •

## 1 292357



**DHL C-TMS** 

# Reports

FUNCTIONAL SPECIFICATION - 10.7

10/11/11 - 1.0 Reference: FS 292357 - PM8LZMWA



## 1.1 Client Requirement

**New Reports** 

1. Utilisation KPI 2. Reasons Listing 3. Resource Export

It is understood items 1 & 3 above have been removed from scope as per Andrew Philip?s email attached below.

[[Image:]]

## 1.2 Solution

### 2) Reasons Listing

A new CSV export will be written that will simply list order items with reason codes along with data from the corresponding order and delivery trip.

Selection criteria will be a date range and a depot.

The date will be compared against the orders? actual arrival time at the delivery point.

The depot will be compared against the orders collection point (the manufacturer?s location is also the DHL depot as they are based at the site).

The proposed layout is as below:-

Date Range	Origin Depot					
Trip	Stop	PO Reference	Reason Code	Reason Text	Comment	User
PLU-BHILL-123	Tuscany Park	12345678765	002	Shortage of product	Product damaged in transit	JB
PLU-BURN-136	Magna Park	12345678987	002	Shortage of product	Product damaged in transit	SC
PLU-DONC-211	Brackmills Ind Est	12345678315	001	Late arrival	Heavy traffic M6	FR
PLU-DONC-126	Drayton Ind Est	12345678523	002	Shortage of product	Product damaged in transit	JT
PLU-SIDC-231	Shellsey Trading Est	12345678478	007	Bakery shut down	Production moved	IL

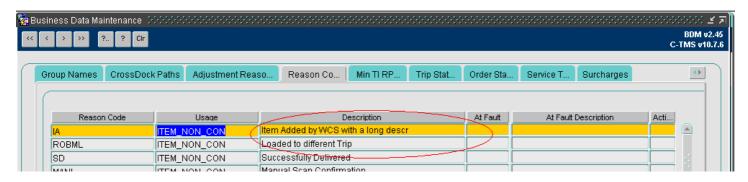
Both the original trip number (held on the trip in the Route Code field) and the generated trip id will need to be reported.

Stop will be the location name for the delivery point of the order.

PO Reference is also from the order.

The customer (external) reference from the order will also be displayed...

All other data is from the order item non-conformance table apart from the reason text. That will be obtained from the description held against the reason code:



The following additional columns will be included on the report:-



Planned DU, Planned DU qty, Actual DU qty, Item, Item Desc, Planned Item Qty, Actual Item Qty A variance column will be available for each of the quantity fields.

## 1.3 Scope

This change will be applied to system version 10.7



## 2 Set-up

## 2.1 Pre-requisites

None

## 2.2 Menu Structure

Administration > File Interfaces > Exports

## 2.3 Data

The new export will be added to the standing data to allow it to be selected from the standard exports form. The selection criteria for the export will also be added as parameters.

### REP\_REPORT

Column Value

Reasons Listing Name

Report Type **CSV** 

Filename reasons listing

**Proc Name** DP CSV3.reasons listing export

**Default Queue NULL** Printer Type **NULL Show PFORM NULL** 

Orientation **LANDSCAPE** 

Active **NULL NULL Display Name** Report Extension NULL REP\_REPORT\_PARAM

#### Column Value

Report Reasons Listing Name

Report Type CSV

Record 1

Name

Param Type P\_START\_DATETIME Param P\_START\_DATETIME

Conditional M

Default **TODAY** 

Value Type

Default TODAY:00:01 Value

Param Title Date From

**Format NULL** Mask **NULL** Sql String **LOV Title** NULL Col 1 Title NULL Col 2 Title NULL Col 3 Title NULL



Report List N

Record 2

Param Type P\_END\_DATETIME
Param P END DATETIME

Name F-

Default

TODAY

Value Type

Default Value TODAY:23:59

Param Title Date To

**Format** 

NULL

Mask
Sql String NULL
LOV Title NULL
Col 1 Title NULL
Col 2 Title NULL
Col 3 Title NULL
Report List N

Record 3

Param Type P\_DEPOT
Param
P DEPOT

Name

Conditional M
Default ...

Value Type NULL

Value Type Default

Value NULL

Param Title Depot

**NULL** 

Format

Mask

SELECT distinct(gl.location\_id) COL1, gl.location\_name COL2 FROM geo\_location gl, adm\_user\_param

aup WHERE gl.location id = aup.value AND aup.username = (SELECT user FROM dual) AND

Sql String aup.param\_type = 'BASED\_AT' AND gl.depot = 'RDC' and NVL(gl.inactive,'N') = 'N' UNION SELECT distinct

(gl.location\_id) COL1, gl.location\_name COL2 FROM geo\_location gl, adm\_user\_param aup WHERE

gl.location\_name like DECODE(aup.value,'Y','%%') AND aup.username = (SELECT user FROM dual) and

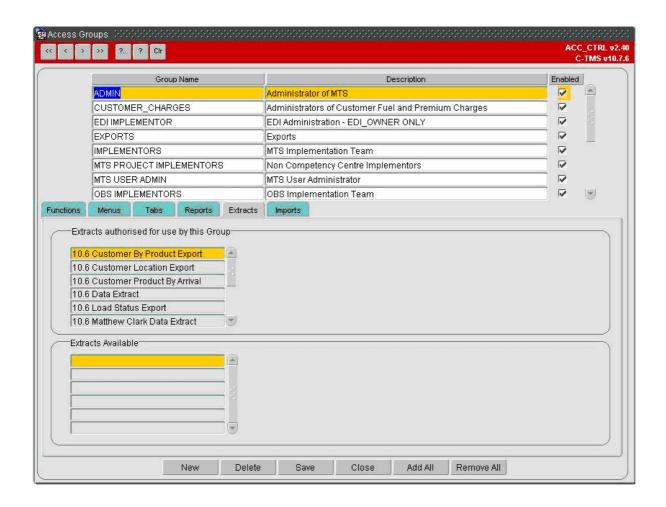
aup.param type = 'ALL DEPOTS' and gl.depot = 'RDC' and NVL(gl.inactive, 'N') = 'N'

LOV Title Depot
Col 1 Title Depot Id
Col 2 Title Name
Col 3 Title NULL
Report List N

# 2.4 Implementation Advice

For the export to be available in the Exports screen, it must be promoted the relevant group(s).







## **3 Functional Description**

A new CSV export will be created in CTMS. The export will be available in the existing Exports screen. When the export is run it will display in a new browser window or MS Excel depending on the user?s local configuration. This will allow the user to save or print the output. The export will be developed in the existing package DP CSV3.sql.

Three parameters will be added to the REP\_REPORT\_PARAM table and these parameters will be available in the Exports screen.

- Actual From Date / Time Date and time field
- Actual To Date / Time Date and time field
- Depot Free text with lookup on valid depots for user.

Order Items will be displayed in the export if:

- 1. A non-conformance reason code added
- 2. AND the arrival time at the delivery location is between the From Date/Time and To Date/Time parameters.
- 3. AND the Depot code selected in the selection parameters the Order?s collection location

The export will show the following columns.

•	-
Field Name	Source SCH_TRIP.TRIP_ID
Trip	(Derived by linking from sch_ord_items to sch_ord to sch_haulage_activity (based on to_loc) to sch_trip_stop to sch_trip) SCH_TRIP.ROUTE_CODE
Route	(Derived by linking from sch_ord_items to sch_ord to sch_haulage_activity (based on to_loc) to sch_trip_stop to sch_trip.) GEO_LOCATION.LOCATION_ID
Stop	(Derived by linking from sch_ord_items to sch_ord to sch_haulage_activity (based on to_loc) to sch_trip_stop.) SCH_ORD.BOOKING_REF
PO Reference	(Derived by linking from sch_ord_items to sch_ord) SCH_ORD.EXTERNAL_REF
External Reference	(Derived by linking from sch_ord_items to sch_ord) SCH_ORD_ITEMS_REASONS.REASON_CODE
Reason Code	(Derived by linking from sch_ord_items to sch_ord_items_reasons) SCH_ REASON_CODES.DESCRIPTION
Reason Text  Comment	(Derived by linking from sch_ord_items to sch_reason_codes (usage = ITEM_NON_CON) SCH_ORD_ITEMS_REASONS.REASON_COMMENTS
User	(Derived by linking from sch_ord_items to sch_ord_items_reasons) SCH_ORD_ITEMS_REASONS.CREATED_BY
DU Type	(Derived by linking from sch_ord_items to sch_ord_items_reasons) SCH_ORDER_LINE.DU_TYPE
Planned DU Qty	(Derived by linking from sch_ord_items to sch_order_line using DU_TYPE) SCH_ORDER_LINE.QUANTITY
Actual DU Qty	(Derived by linking from sch_ord_items to sch_order_line using DU_TYPE) SCH_ORDER_LINE.ACTUAL_QUANTITY
, totaal DO Gty	(Derived by linking from sch_ord_items to sch_order_line using DU_TYPE)



DU Qty Variance Calculation = SCH ORDER LINE.ACTUAL QUANTITY - SCH ORDER LINE.QUANTITY

Item ID SCH\_ORD\_ITEMS.ITEM\_IDENTIFIER
Item Description SCH\_ORD\_ITEMS.ITEM\_DESCRIPTION

Planned Item
Qty

SCH\_ORD\_ITEMS.QTY\_ORDERED

Actual Item Qty

SCH\_ORD\_ITEMS.QTY\_DELIVERED

Item Qty Variance Calculation = SCH\_ORD\_ITEMS.QTY\_DELIVERED -SCH\_ORD\_ITEMS.QTY\_ORDERED

## **Table Updates Required**

?No table changes are required for this development.

## Modules to be changed

## **Module Name Module Type Notes**

DP\_CSV3.sql Packaged Add new extract

### References

Ref No Document Title & ID Version Date

1 EST 292357 PM-8LZMWA Reports 1.0 19/10/2011

## **Glossary**

**Term or Acronym Meaning**C-TMS Calidus TMS

## **Document History**

Version	Date	<b>Status</b>	Reason	Initials
0.1	10/11/11	Draft	Initial version	MJC
1.0	10/11/11	Issue	Issued	MJC



# **4 AUTHORISED BY**

Matt Crisford	Development Manager
Peter Greer	TMSCC MTS Product Manager

