290931 v2.0

Contents

1 290931

DHL C-TMS

Report & Export Development

FUNCTIONAL SPECIFICATION - 10.7

19/10/11 - 2.0
Reference: FS 290931 NW-8KEN8F

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2 FUNCTIONAL OVERVIEW

2.1 Client Requirement

It is assumed that this RIO will be managed in conjunction with the Project Rigel System Requirements Document v1.0 or higher. Create the following Reports / Exports from C-TMS:

Carrier DU's Shipped Export

HC Delivery Note - Modification only

Baxter Radial Loading Schedule

Baxter Download ID Orders Report

Baxter CSR Report

Load Summary Report

SMS / e-mail Summary Report

2.2 Solution

Carrier DU?s Shipped Export

A CSV export called Carrier DU?s Shipped will be created in CTMS. The export will run from the current exports screen. The export will display in a separate window to allow the user to save or print the export as needed.

The export will run for the following parameters :-

- From Date / Time
- To Date / Time
- Carrier

The carrier parameter will show a list of available carriers.

The export will show a line for each order and order line that match the selection criteria. For an order to appear on the export it must be scheduled onto a trip.

HC Delivery Note

The current layout of the Healthcare Uk Delivery Note matches the example given in the requirements document. The current Healthcare UK Delivery Note will be used as a template for a new delivery note and the following changes will be made.

- ?COLLECTION? label will print above the order details when the order is a collection back to the depot.

Baxter Radial Loading Schedule A new PDF report will be created in CTMS. The report will be available in the existing Reports screen. When the report is run it will display in a new window to allow the user to save or print the output.

Three parameters will be added to the REP_REPORT_PARAM table and these parameters will be available in the Reports screen.

- From Schedule - Drop down list of schedules.
- To Schedule - Drop down list of schedules.
- Depot - Validated against a list of locations.

The depot parameter will show a list of available depots for the user.

Baxter Download ID Orders Report

A CSV export called Baxter Download ID Orders will be created in CTMS. The export will run from the current exports screen. The export will display in a separate window to allow the user to save or print the export as needed.

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The export will run for the following parameters :-

- Download ID

Baxter CSR Report

A CSV export called Baxter CSR will be created in CTMS. The export will run from the current exports screen. The export will display in a separate window to allow the user to save or print the export as needed.

The export will run for the following parameters :-

- From Date / Time
- To Date / Time
- Customer

The customer parameter will show a list of available customers.

Load Summary Report

An oracle report called HCR Load Summary will be created in CTMS. The report will run from the current reports screen. The report will display in a separate window to allow the user to save or print the report as needed.

The report will run for the following parameters :-

- Cost Centre
- Schedule From
- Schedule To

The report will show the total number of trips for the cost centre group by trip status and carrier type (E.G. Own fleet, haulier etc).

The report will also contain any trips for the cost centre that have a warning message. The source of this warning will need to be confirmed at Functional Spec stage.

The report will show a separate page for each schedule within the range.

SMS / e-mail Summary Report

An CSV export called SMS Email Summary will be created in CTMS. The export will run from the current exports screen. The export will display in a separate window to allow the user to save or print the report as needed.

The report will run for the following parameters :-

- Cost Centre
- Date / Time From

The report will contain details of any SMS or Email messages sent since the date specified in the parameter.

The development of the SMS/Email functionality will provide more details for the source of fields for this report.

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3 SET-UP

3.1 Data

7 new reports will be added to the rep report table to allow the reports to be selected in the Reports or Exports screen.

The selection parameters will be added to Rep Report Param.

Carrier DU?s Shipped Export

From Date

To Date

Carrier - Drop down list

HC Delivery Note

Trip ID

Depot

Carrier

Schedule

Copies

To Date

From Date

Baxter Radial Loading Schedule

Schedule From

Schedule To

Depot

Baxter Download ID Orders

Download ID

Baxter CSR

From Date

To Date

Customer - Drop down list

Load Summary

Schedule From

Schedule To

Cost Centre - Drop down list

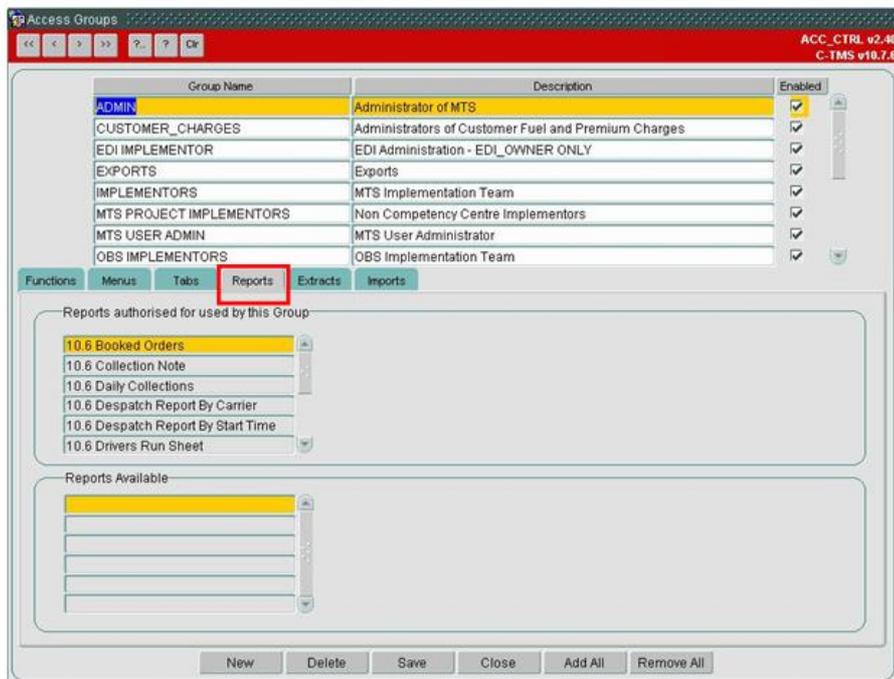**SMS Email Summary**

Cost Centre

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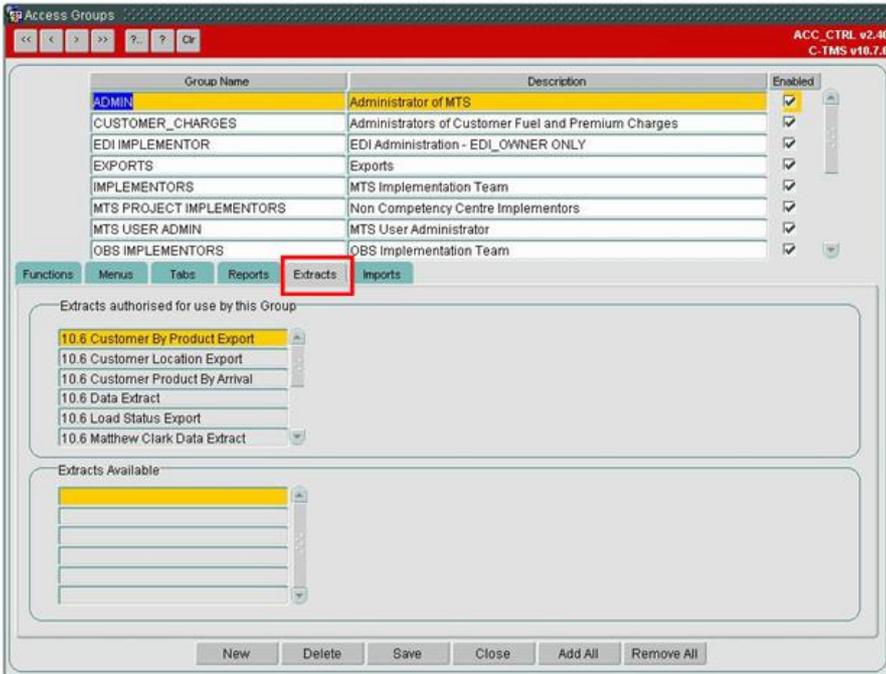
Date From

3.2 Implementation Advice

For the reports to be accessible in the Report or Exports screen they should be promoted to the relevant user group.

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4 FUNCTIONAL DESCRIPTION

4.1 Carrier DU's Shipped Export

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 window to allow the user to save or print the output.

Three parameters will be added to the REP_REPORT_PARAM table and these parameters will be available in the Exports screen.

- From Date - Will include the date and time. Defaults to today
- To Date - Will included the date and time. Defaults to today
- Carrier - a drop down list containing carriers will be available. The default value will be ?ALL?

The From Date and To Date parameters will be mandatory.

A line will be displayed for each order and order line that matches the criteria entered. The order Late Del Date and time will be compared to the From and To date parameters. An order must be scheduled on a trip to appear in the export.

The export will contain the following fields.

Field	Source
OMS Ref	sch_ord.oms_ref
Customer Ref	sch_ord.external_ref
Booking Ref	sch_ord.booking_ref
Del Point Ref	sch_ord.del_point_ref
Customer	sch_ord.customer
Addressee	Geo_contact.forname / surname
Delivery Address	Geo Location - Details TBC
Delivery Postcode	geo_location.postcode
Location Name	geo_location.location_name
Units	Sch_order_line.quantity
Delivery Instructions	sch_ord.special_instructions
Carrier	sch_trip.carrier_id
Saturday Delivery	sch_ord.Saturday_del
Carrier Service Type	sch_ord.delivery_type_id
Shipment ID	New field see RIO NW-8KEMAG
Trip Id	sch_trip.trip_id
DU Type	sch_order_line.du_type
Weight	sch_order_line.weight
Volume	sch_order_line.cube
Packer Id	New field see RIO NW-8KEMRU
Packed Time	New field see RIO NW-8KEMRU
Shipment Tracking No	New field see RIO NW-8KEMRU
DU Tracking No	New field see RIO NW-8KEMRU
Consignee Ref	Sch_ord.del_point_ref

4.2 HC Delivery Note

A HC Delivery Note exists in CTMS, however the requirement for this RIO is slightly different. The existing report will be used as a template for a new ?Rigel Delivery Note?. The report will be created in PDF format and will run from the existing Reports screen. When the report is run it will be displayed in a new window to allow the user to save or print the output.

Seven parameters will be added to the REP_REPORT_PARAM table, these parameters will be available in the Reports screen at runtime.

- From Date - Will include Date and Time. Defaults to today.
- To Date - Will include Date and Time. Defaults to today.
- Trip ID - Free text field.
- Depot - Validated against a list of locations.
- Carrier - A drop down list of carriers will be available.
- Schedule - A drop down list of schedules will be available.
- Copies - A list of 1, 2 or 3. Defaults to ?1?

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The functionality of the report will match that of the existing report. However, if the order being printed is identified as a collection back to the depot the label ?Collection? will be printed above the order details.

4.3 Baxter Radial Loading Schedule

A new PDF report will be created in CTMS. The report will be available in the existing Reports screen. When the report is run it will display in a new window to allow the user to save or print the output.

Three parameters will be added to the REP_REPORT_PARAM table and these parameters will be available in the Reports screen.

- From Schedule - Drop down list of schedules.
- To Schedule - Drop down list of schedules.
- Depot - Validated against a list of locations.

The From and To schedule parameters will be mandatory.

The report will contain the following fields.

Field	Source
Arrive Time	sch_trip.arrive
Depart Time	sch_trip.depart
Due Date	Sch_trip_stop.arrive (date)
Target Time	Sch_trip_stop.arrive (time)
Early Del	sch_ord.early_del
Late Del	sch_ord.late_del
Destination	sch_ord.to_loc
Orginal From Loc	Sch_ord.from_loc
Final To Location	Sch_ord.to_loc
Customer Ref	sch_ord.external_ref
Product Type	sch_order_line.prod_type_id
DU Type	sch_order_line.du_type
Qty	sch_order_line.quantity
Qty Loaded	sch_order_line.actual_despatched_qty
RPE	sch_order_line.rpe_qty
Route Code	sch_trip.route_code
Trip No	sch_trip.trip_id
Carrier	sch_trip.carrier_id
Driver	sch_trip.driver_id
Vehicle ID	Sch_trip_stop.trailer_id
Tractor ID	sch_trip.tractor_id
Trailer Type	sch_trip.trailer_type
Radial Route Code	Sch_trip.route_code

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 window to allow the user to save or print the output.

A parameter will be added to the REP_REPORT_PARAM table and these parameters will be available in the Exports screen.

- Download id - Free text field

This parameter will be mandatory.

The export will contain the following fields

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Field	Source
Download Id	New field see RIO NW-8L8JRN
OMS Ref	sch_ord.oms_ref
Status	sch_ord.status
Cust Ref	sch_ord.external_ref
Booking Ref	sch_ord.booking_ref
Del Point Ref	sch_ord.del_point_ref
Order Type	Sch_ord.del_type_id
Dest Name	geo_location.location_name (for To Loc)
Shipment ID	New field see RIO NW-8KEMAG
Trunk Trip	sch_trip.trip_id
Trunk Carrier	sch_trip.carrier_id
Del Trip	sch_trip.trip_id
Del Carrier	sch_trip.carrier_id
IFCSUM Message ID	int_xml_control.filename
IFCSUM Created Date / Time	int_xml_control.created_date
Route Code	sch_trip.route_code
Drop Seq	sha.sequence

The user will enter a specific Download Id which will be used to retrieve data in the export. Orders that have a matching Download ID will be displayed in the report. No other restrictions on the orders will be used.

The trip details shown will be for the trip collecting the order from the Orders From Location

4.4 Baxter CSR Report

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 window to allow the user to save or print the output.

Three parameters will be added to the REP_REPORT_PARAM table and these parameters will be available in the Exports screen.

- From Date - Will include Date and Time. Defaults to today.
- To Date - Will include Date and Time. Defaults to today.
- Customer - Drop down list containing all customers. The default value will be ?ALL?

The From and To date parameters will be mandatory.

The following fields will be included in the extract.

Field	Source
Del Point Ref	sch_ord.del_point_ref
Booking Ref	sch_ord.booking_ref
Customer Ref	sch_ord.external_ref
Driver Name	sch_trip.driver_id (link to res_person)
Vehicle Phone No	Res_tractor.contact_no
Vehicle Reg	sch_trip.tractor_id
Drop	sha.sequence
Consignee Name	Geo_contact.forename / surname
Address	geo_location
Postcode	geo_location.postcode
Keycode	sch_ord.key_code
Deliver Between	sch_ord.early_del/late_del
Order Type	Sch_ord.del_type_id
Carrier	sch_trip.carrier_id

Any orders with an Early Del date that falls between the From and To date parameters, will be included in the report. If a customer is selected in the parameters only orders for this customer will be included.

4.5 Load Summary Report

A new PDF report will be created in CTMS. The report will be available in the existing Reports screen. When the report is run it will display in a new window to allow the user to save or print the output.

Three parameters will be added to the REP_REPORT_PARAM table and these parameters will be available in the Reports screen.

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- From Schedule - Drop down list of schedules.
- To Schedule - Drop down list of schedules.
- Cost Centre - Drop down list of cost centres. Default will be ?ALL?.

The From and To schedule parameters will be mandatory.

The report will include trips where the schedule of the trip falls between the From and To schedule parameters. If a Cost Centre parameter is entered only trips belonging to this cost centre will be included in the report.

The report will show trip totals for each cost centre grouped by trip status and carrier type, for example Fleet or Haulier.

The report will also include a section showing warning messages against a particular trip.

The report will show a separate page for each schedule in the range and carrier if all carriers have been selected.

The following fields will be included in the report.

Field	Source
Status	sch_trip.trip_status
Carrier Type	res_carrier.carrier_type_id
Count	Calculated Field
Trip No	sch_trip.trip_id
Warning Type	Reference NW-8KENH2
Warning Text	Reference NW-8KENH2

Please se RIO NW-8KENH2 for more details of the warning messages.

4.6 SMS Email Summary Report

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 window to allow the user to save or print the output.

Two parameters will be added to the REP_REPORT_PARAM table and these parameters will be available in the Exports screen.

- From Date - Will include Date and Time. Defaults to today.
- Cost Centre - Drop down list containing cost centres. The default will be ?ALL?

The export will show the details of and SMS or Email preadvice messages sent since the date specified in the From Date parameter. If a cost centre is selected only messaged relating to Orders for this cost centre will be included.

The export will include the following fields.

Field	Source
Send time	msg_sms_audit.created_date
Format	msg_sms_audit.msg_medium
Destination Address	msg_sms_audit.recipient_address
Recipient	sch_ord.customer
Message	msg_sms_audit.message
Sender	Msg_sms_audit.created_by
C-TMS Oms Ref	sch_ord.oms_ref
Customer Ref	sch_ord.external_ref
Cost Centre	sch_ord.cost_centre_name

For full details of the SMS functionality see RIO NW-8KENBD

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5 DOCUMENT HISTORY

Version	Date	Status	Reason	Initials
0.1	28/09/11	Draft	Initial version	DNG
0.2	28/09/1	Draft	Revised	MJC
0.2	04/10/11	Draft	Review of the initial draft	PJH
1.0	04/10/11	Issued	Issued to client	PJH
1.1	12/10/11	Amend	Amendment	DNG
1.1	14/10/11	Review	Review of version 1.1	PJH
2.0	14/10/11	Issued	Issued to client	PJH

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6 AUTHORISED BY

Matt Crisford	Development Manager
Peter Greer	TMSCC MTS Product Manager

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