

**268484**

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Ready for **What's Next, Now™**



## 2 268484 - NW-7V4FPC MTS to CIM XML for Unscheduled Ords

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## 3 Functiona Overview

### 3.1 Client Requirement

Create a new Interface Trigger for Unscheduled Orders to CIM

Once the return interface from Paragon has been triggered in MTS a validation process needs to be added so that any Orders that have not been scheduled are sent back to CIM once their status has been updated from NEW.

A new System Parameter should be added to control the statuses that are included in this process, for Baxter it should include both UNSCHEDULED and SCHED\_COLL. This parameter should be in the upper level of the form so that Administrators can amend the values.

### 3.2 Solution

Baxter are now intending to use the old method (as currently used by Dixon?s) of generating cross-dock journey legs via Paragon which currently on a successful completion of a trip upload asks the user if they wish to reset any orders that are still at status ?NEW? back to status ?UNSCHEDULED? for the schedule being processed.

These unscheduled orders can then be passed back to CIM for planning their and subsequently will be set to status ?ABORTED? in MTS.

A new tab is now required which will be added to the standard interface form (INT\_ERR) which will allow a schedule to be selected and to display all orders at status ?UNSCHEDULED? on this schedule.

A check box will be available against each of the orders to indicate if the order is to be processed or not.

?Select ALL? and ?Deselect ALL? buttons will be available to automatically check or uncheck all of the orders on the schedule.

A ?Generate CIM? button will then process all of the checked orders.

This button will produce an outbound XML file for all of these orders and set the status on the order to ?ABORTED? so that the orders can be planned onto trips within CIM and not MTS.

### 3.3 Scope

This change will be applied to system version 10.5.

### 3.4 Data

N/A



## 4 Functional Description

### 4.1 INT\_ERR

The current form looks like :-

The screenshot shows a software interface titled "Interface Errors" with the version "INT\_ERR v1.35" and "MTS v10.5.0". The main window displays a table of orders with columns for Sched, Msg Type, Status, Cost Centre, Customer, From Loc, To Loc, Sched Date, Early Avail, Late Avail, and Early. The table contains several rows of data, many of which are highlighted in yellow, indicating failure. Below the table are several validation error messages and a table for order lines.

Sched	Msg Type	Customer	From Loc	To Loc	Sched Date	Early Avail	Late Avail	Early
scotts_test.txt	SCOTTS OR	SCOTTS	DHLBIC	0002060693	07-05-2008	07/05/08 00:00	07/05/08 23:59	07/05/08
scotts_order.txt	SCOTTS OR	SCOTTS	DHLBIC	0002060693	07-05-2008	07/05/08 00:00	07/05/08 23:59	07/05/08
SCOTTSORDERTEXT	SCOTTS OR	SCOTTS	DHLBIC	0002060693	07-05-2008	07/05/08 00:00	07/05/08 23:59	07/05/08
SCOTTSORDERTEXT	SCOTTS OR	SCOTTS	DHLBIC	0002060693	07-05-2008	07/05/08 00:00	07/05/08 23:59	07/05/08
SCOTTSORDERTEXT	SCOTTS OR	SCOTTS	DHLBIC	0002060693	07-05-2008	07/05/08 00:00	07/05/08 23:59	07/05/08
SCOTTSORDERTEXT	SCOTTS OR	SCOTTS	DHLBIC	0002060693	07-05-2008	07/05/08 00:00	07/05/08 23:59	07/05/08
ROBTESTB.ROB	SILVERSPN	SILVER SPOO	DHLHUNT	2013633	18-02-2008	18/02/08 00:00	18/02/08 23:59	18/02/08
ROBTESTA.ROB	SILVERSPN	SILVER SPOO	DHLHUNT	2013633	18-02-2008	18/02/08 00:00	18/02/08 23:59	18/02/08
ROBTEST.ROB_D	SILVERSPN	SILVER SPOO	DHLHUNT	2013633	18-02-2008	18/02/08 00:00	18/02/08 23:59	18/02/08

Below the table are several validation error messages:

- Action field cannot be null
- Order Detail Validation Error
- Order Line Validation Error

At the bottom of the interface are "Close" and "Action" buttons.

A new tab is now required which will be added to the standard interface form (INT\_ERR) which will allow a schedule to be selected and to display all orders (including OMS\_Ref, Customer, Cost Centre, Group Name, Source System etc.) at status ?UNSCHEDULED? matching this schedule.

A check box will be available against each of the orders to indicate if the order is to be processed or not.

?Select ALL? and ?Deselect ALL? buttons will be available to automatically check or uncheck all of the orders on the schedule.

A ?Generate CIM? button will then process all of the checked orders.

This button will produce an outbound XML file for all of these orders and set the status on the order to ?ABORTED? so that the orders can be planned onto trips within CIM and not MTS.

Only the first stage of the XML production will be performed by the screen which will write records to the standard XML control table (INT\_XML\_CONTROL) for each of the orders being sent to CIM.

### 4.2 INT\_XML\_OUT2

The second stage of the production of the XML will be a database job running at regular intervals which will pick up the standard XML control table records and produce the XML file in the appropriate folder with the appropriate name.

The XML file will be in the standard OBS Trip\_Order format but with the additional tags specified in the new 2.5 version of the xsd (a system registry will be used to determine whether the database is using the old 2.3 version of the xsd or the new version 2.5 with the additional fields).



A new procedure called PROCESS\_XML\_OUT\_ORD\_CIM will be written and added to the package INT\_XML\_OUT2.

The new code will be based upon the already existing code in the package (procedure - INT\_XML\_OUTBOUND\_LOTS) that is used for sending orders to LOTS.

It will use the pre-existing system registries as described in section 2.2 for the directory names and it will use the hard coded file name of :-

TMS\_CIM\_<database>\_ORD\_<date/time>.XML

NB) Any code added to the generic procedures for the extra tags added in the 2.5 version of the XSD will be within a check of the system registry TRIP\_ORDER\_XSD\_VER which must be set to ?2.5? for the new code to be run.

This is to ensure that the new package is backwards compatible for version 2.3 of the XSD which is still being used by all databases other than Healthcare.

NB) The additional tags in the XML are not required for the outbound as the order will already exist in CIM with all of the correct data and we are just informing CIM that the order now needs to be planned in CIM rather than MTS (via Paragon).



## 5 References

Not Available



## 6 Document History

Version	Date	Status	Reason	Initials
0.1	28/08/09	Draft	Initial version	DRM
1.0	29/08/09	Issue	Reviewed and Issued	MJC



## 7 Authorised By

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