

249378

Aptean Ltd
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1 249378

Ready for **What's Next, Now™**



2 249378 (PA-7DDFH9) Check and enhance EFX data export

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3 Functional Overview

3.1 Client Requirement

Check Data compilation for EFX extract FileAdd 'Expiry Date and Time' to output fields.

3.2 Solution

The EFX file will be sent when the following conditions are met:-

- A trip was at a status of planned
- EFX Carrier assigned
- EFX Box ticked
- Pop up payment box populated with rate etc
- OK button pressed
- Trip Set to Status Tendered

Two extra fields will be added to the generation of the output file. These fields will be taken from the column TRIP_EXPIRY_TIME on the SCH_TRIP table. This column contains both the expiry date and time. The payments popup screen will be amended to allow the user to enter the Expiry date and time. The existing fields on [Trip Manipulation](#) and [Trip Planning](#) will be display only.

The outbound and inbound EFX flows will amended to match the mapping provided.

3.3 Scope

This change will be applied to system version 10.6 on CONST and once approved CONPRD.

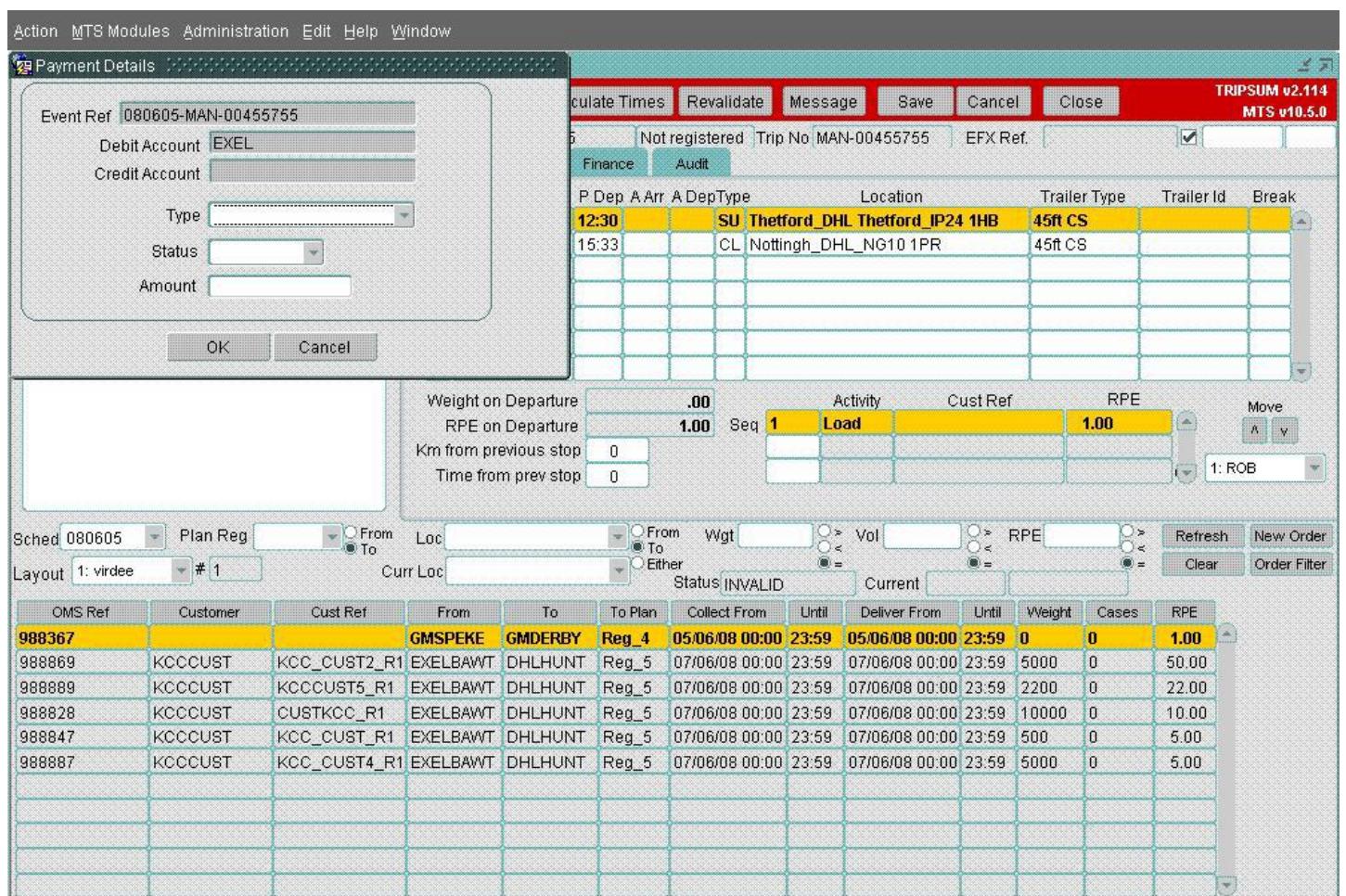


4 Functional Description

The EFX message is currently sent when the trip is set to status TENDERED. However the message informing the user that the message has been sent is displayed at the wrong point. This will be changed so that the message only appears when the message has been sent.

The message will only be triggered under the following conditions:-

- A trip was at a status of planned
- EFX Carrier assigned
- EFX Box ticked
- Pop up payment box populated with rate etc
- OK button pressed
- Trip Set to Status Tendered



Two fields will be added to the Payment Details window that will allow the user to enter the expiry date and time. The current fields on [Trip Manipulation](#) / planning will become display only and will pick up the values from the data entered in the Payment details window.



The above screen changes will be applied to both the **Trip Manipulation** screen and the **Trip Planning** screen.

The outbound file will be changed to match the mapping shown below. Outbound files will be put in the directory /webint/<database>/interface/out to be collected.



Field name	Datatype	Example
RECHEADSTART	Text	<RECHEADSTART>
MTS_OPERATION	Text	CORF
MESSAGE_TYPE	Text	EFX_TRIP_DETAILS
TIMESTAMP	Date/Time (DD/MM/YY)	28/07/2007 18:29:30
RECHEADEND	Text	<RECHEADEND>
Details		
EFXTRIPDTLSTART	Text	<EFXTRIPDTLSTART>
Trip Number	Text	MANH124
Owning Depot	Text	Test Depot
First PK Loc Name	Text	Test Depot
First PK Loc Post Code	Text	OX163
Pick by Date	Date/Time (DD/MM/YY)	28/07/2007
Pick by Time	Date/Time (HH24:MM)	18:00
First PK Dep Date	Date/Time (DD/MM/YY)	28/07/2007
First PK Dep Time	Date/Time (HH24:MM)	18:34
Sum of delivery DUs on Trip (Integer)	Integer	12
DU Type from first line of first order	Integer	CHP Pallet
Sum of delivery Weight on Trip (Integer)	Double	
Trip Cost	Double	123
Expiry Date	Date/Time (DD/MM/YY)	28/07/2007
Expiry Time + 2 Hours	Date/Time (HH24:MM)	11:34
Trailer Type via decode	Text	
Carrier via Decode if not EFX	Text	CARRIER CH
Temperature Type from first order	Text	AMBIENT
First DL Loc Post Code	Text	
First DL Loc Name	Text	
Latest delivery date from order at first DL stop	Text	
Latest delivery time from order at first DL stop	Text	
Second DL Loc Name	Text	
Latest delivery date from order at second DL stop	Text	
Latest delivery time from order at second DL stop	Text	
Third DL Loc Name	Text	
Latest delivery date from order at third DL stop	Text	
Latest delivery time from order at third DL stop	Text	
Fourth DL Loc Name	Text	
Latest delivery date from order at fourth DL stop	Text	
Latest delivery time from order at fourth DL stop	Text	
Fifth DL Loc Name	Text	
Latest delivery date from order at fifth DL stop	Text	
Latest delivery time from order at fifth DL stop	Text	
Sixth DL Loc Name	Text	
Latest delivery date from order at sixth DL stop	Text	
Latest delivery time from order at sixth DL stop	Text	
Seventh DL Loc Name	Text	
Latest delivery date from order at seventh DL stop	Text	
Latest delivery time from order at seventh DL stop	Text	
Eighth DL Loc Name	Text	
Latest delivery date from order at eighth DL stop	Text	
Latest delivery time from order at eighth DL stop	Text	
Ninth DL Loc Name	Text	
Latest delivery date from order at ninth DL stop	Text	
Latest delivery time from order at ninth DL stop	Text	
Trailer		
EOF	Text	<EOF>

The Inbound flow will be amended to accept CSV files in the below format.

EFX FIELDS

<RECHEADSTART>
 MTS database name
 Tripstatus
 timestamp
 <RECHEADSTART>
 <EFXTRIPDTLSTART>
 Load Ref
 EFX_REF
 Owning Depot
 <EFXTRIPDTLEND>



The inbound files will be put into the folder /webint/<database>/interface (This will be controlled by a system parameter - See below). A new database job will be created that will handle the inbound files from this directory.

When a file is processed the EFX_REF and owning depot will be updated on the relevant sch_trip record.

As part of the inbound flow 2 new system parameters will be created. These will be ?EFX_PATH? and ?EFX_IDENTIFIER?. EFX_PATH will contain the directory path into which the inbound files should be put. Initially this will be /webint/<database>/interface.

EFX_IDENTIFIER will be the first three characters of the inbound file names. This will be set to ?EFX*?.



5 Document History

Version	Date	Status	Reason	Initials
1a	02/06/08	Draft	Initial version	DNG
1	02/12/08	Issued	Reviewed and Issued	MJC



6 Authorised By

Matt Crisford	OBS Development Manager
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6.1 Part of Release(s)

- CONPRD Release - 9/12/2008

