

**275183 v1.0**

Aptean Ltd  
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DHL MTS

## Profit Colours on Trip Finance Tab

### FUNCTIONAL SPECIFICATION - 10.5

10/09/2010 - 1.0

Reference: FS 275183 PA-83EFTE



## 1.1 Client Requirement

### Change Request Summary:

Enhancement to RIO PA-7X9DXSAllan Butterworth/St Albans/UK/Exel

### Change Request Details:

RIO PA-7X9DXS specified a 0% - 3% profit margin for AMBER status between Trip Cost and trip Revenue when a trip is subcontracted - The upper % should be variable and set by site or Group name, in Location details and then applied to Trips created by the respective site or Group name.

### Benefits identified as a result of the change:

Visibility of contribution from each subcontracted trip

## 1.2 Solution

A new field will be added to the table OMS\_SCHED\_GROUP called PROFIT\_MARGIN. The field will be maintainable from the BUSINESS DATA MAINTENANCE screen, allowing users to assign a profit margin % to each GROUP\_NAME.

In the Trip screens, the profit\_loss field is currently displayed with a red or green background to indicate profit or loss. This value will be investigated further to identify the profit margin. To calculate PROFIT\_MARGIN we will divide PROFIT\_LOSS by REVENUE and times by 100 to return a percentage.

The owning depot of the trip will be assigned a GROUP\_NAME and this will be used to determine the PROFIT\_MARGIN for the trip.

PROFIT\_MARGIN will only be calculated for trips which have made a profit.

If the PROFIT\_MARGIN for the GROUP is 3% and the value of ( profit\_loss/revenue \*100) is between 0 and 3, the profit\_loss field will be displayed with an amber background.

If the value of ( PROFIT/REVENUE \*100) > 3 then PROFIT\_LOSS field will be displayed with a green Background.

## 1.3 Scope

This change will be applied to system version 10.6.0 on CONTST and once approved CONPRD.



## 2 Set-up

### 2.1 Pre-requisites

None

### 2.2 Menu Structure

Unchanged

### 2.3 Data

Create a new field in the OMS\_SCHED\_GROUP table, PROFIT\_MARGIN. This will hold a numeric value against each GROUP\_NAME. The data will be populated by the users.



### 3 Functional Description

Currency	EUR	Trip Costs	0.00	872.89
Carrier Cost	75.99	Payments	Trip Revenue	948.88
VAT	11.40		VAT	30.60
Allocable Cost	0.00			
MTM Cost		Apply		
Payment Ref				

On the finance tab of the trip screens, the cost and revenue of the trip are displayed. A new field has been added recently, which displays the profit/ loss of the trip. This calculated by the difference between the carrier-cost and trip-cost and trip-revenue.

A profit is indicated with a green background a loss with a red background. This formatting will be changed to indicate how the GROUP is performing. The group is identified as the GROUP which the OWNING\_DEPOT is assigned to. Each GROUP will be assigned a PROFIT\_MARGIN value which indicates the percentage above which a profit is being made.

To find the % of profit, the profit/loss value is divided by the Trip revenue. In the above screen shot , we will say the GROUP is EXELBAWT which has a PROFIT\_MARGIN of 5%. To calculate the profit\_margin of the trip :

$872.89 / 948.88 = 91\%$  profit. This trip has clearly exceeded the GROUPS profit margin, so the profit/loss field will remain with a green background.

If the profit/loss value had been between 0 and 47.44 (5%), the field would be displayed with an amber background as the profit/loss is within the Profit margin for the group.

Any loss will be displayed with a red background regardless of the percentage of loss.

The colour will be set in the forms, using the post\_query trigger of the SCH\_TRIP\_FINANCE data block.

Each time the query is run, the profit/loss will be calculated and the profit margin compared with the GROUP value to determine the fields background colour.

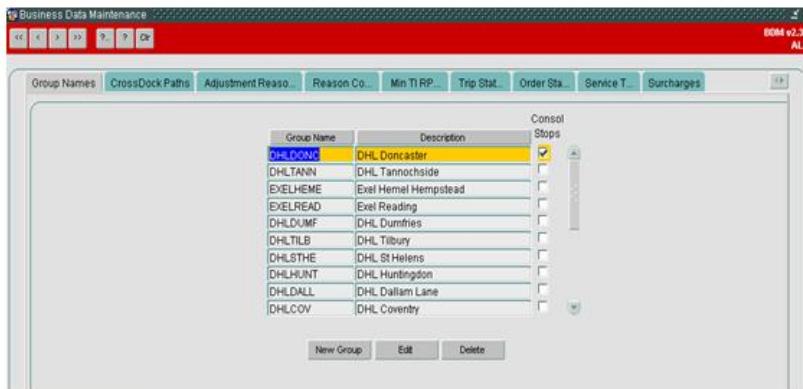
RED Any Loss  
 AMBER > 0 % and <= PROFIT\_MARGIN % for GROUP  
 GREEN > PROFIT\_MARGIN % for GROUP

#### TABLE UPDATES REQUIRED

Alter table OMS\_SCHED\_GROUP

Add column PROFIT\_MARGIN NUMBER;





Data will be entered into the new field via the Business Data Maintenance screen as displayed above.

## References

Ref No	Document Title & ID	Version	Date
	EST 275183 PA-83EFTE Profit Colours on Trip Finances Tabs. v1.0.doc		19/03/10

## Document History

Version	Date	Status	Reason	Initials
0.1		Draft	Initial version	SW
1.0		Issue	Reviewed & Issued	MJC

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