

276308

Aptean Ltd
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1 276308



2 276308 - DU-86YEQ6/ Generic Extract Suite

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3 FUNCTIONAL OVERVIEW

3.1 Client Requirement

Facility for users to choose their own data outputs / extracts to satisfy ad-hoc reporting and queries.

A screen will be available to choose a data set. Initially Trips, Trip Stops, Orders, Order Lines and Order Parts will be available. The user will then be able to select data items from the chosen data set to build a defined format of report columns. Filters and sorts will be available. The user can then save the format and run the extract on demand. The output will be provided in CSV format to the users desktop.

3.2 Solution

A new form and package will be written to allow users to build an export format in a similar fashion to the existing imports maintenance form and package. The initial data sets will include:

SCH_TRIP SCH_TRIP_STOP SCH_HAULAGE_ACTIVITY SCH_ORD SCH_ORD_LINE SCH_ORD_ITEM

Additionally INT_XML_HEADER and DETAILS will be available for XML interface queries.

3.3 Scope

This change will be applied to system version 10.5



4 FUNCTIONAL DESCRIPTION

4.1 Oracle Reporting Suite - Maintenance

A new form will be written similar to the below (format will match current C-TMS look and feel).

The screenshot shows the 'Oracle Reporting Control' window. At the top, it displays 'Company: JPI Department: 0000' and '16-JUL-2010 ORS0100 v4.20'. Below this are dropdowns for 'Report Type' (set to ORDER) and 'Report Level' (set to DETAIL), along with a 'Saved Reports' dropdown and a 'Create XLS' button. The main area is a table with columns: Level, Title, Displayed Title, Sel From, To, Sort, Req, and Inc. The table lists various report fields, including Address Line 2 through 7, Sales Territory, Sales Area, Route Code, Received Date, Allocated Date, Load Number, Product Type, Picked Date, and Pick Confirm Date. Each row has checkboxes for 'Sel From', 'To', 'Sort', 'Req', and 'Inc'. At the bottom, there are buttons for 'Clear All Selection Criteria', 'Include ALL', 'Include None', 'Save Selection', 'Copy To User', and 'Delete Report'.

Level	Title	Displayed Title	Sel From	To	Sort	Req	Inc
HEADER	Address Line 2	Address Line 2	N			N	
HEADER	Town	Town	N			N	
HEADER	County	County	N			N	
HEADER	Post Code	Post Code	N			N	
HEADER	Country Code	Country Code	Y			N	
HEADER	Address Line 5	Address Line 5	N			N	
HEADER	Address Line 6	Address Line 6	N			N	
HEADER	Address Line 7	Address Line 7	N			N	
HEADER	Sales Territory	Sales Territory	N			N	
HEADER	Sales Area	Sales Area	N			N	
WELL	Route Code	Route Code	R			Y	
WELL	Received Date	Received Date	R			N	
WELL	Allocated Date	Allocated Date	N			N	
WELL	Load Number	Load Number	R			Y	
WELL	Product Type	Product Type	R			Y	
WELL	Picked Date	Picked Date	R			N	
WELL	Pick Confirm Date	Pick Confirm Date	R			N	

This screen will allow users to set up their own bespoke reports based on an underlying data structure to be defined and maintained by OBS.

Initial development and design has suggested the following tables data should be available for reporting:

SCH_TRIP - Trip Header information (Trip Id, Driver, Tractor etc) SCH_TRIP_STOP - Trip Stop information (location, arrive time etc) SCH_HAULAGE_ACTIVITY - Activity at each stop (ie load/unload, OMS ref) SCH_ORD - Order header information (references, dates etc) SCH_ORD_LINE - Order line information (product type, qtys etc) SCH_ORD_ITEM - SKU level information INT_XML_ORDER_HEADER - EDI Order header information (XML flows only) IN_XML_ORDER_DETAILS - EDI Order detail information (XML flows only)

4.2 Oracle Reportings Suite - Execution

Each user will be able to create bespoke csv extracts based on the above data tables. The users will be able to select which columns of information to report on and may add criteria on which the report is to be limited on.



5 REFERENCES

Ref No	Document Title & ID	Version	Date
1	EST-276308 DU-86YEQ6 Generic Extract Suite	1.0	05/08/10



6 DOCUMENT HISTORY

Version	Date	Status	Reason	Initials
0.1	15/07/10	Draft	Initial version	MJC
1.0	17/07/10	Issue	Reviewed and Issued	MJC



7 AUTHORISED BY

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