

**250104**

Aptean Ltd  
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# Contents

<b>1 250104.....</b>	<b>1</b>
<b>2 250104 SW-7EJC8K Revenue Accounting Module (RAM).....</b>	<b>2</b>
<b>3 FUNCTIONAL OVERVIEW.....</b>	<b>3</b>
3.1 Client Requirement.....	3
3.2 Solution.....	3
3.3 Scope.....	3
<b>4 FUNCTIONAL DESCRIPTION.....</b>	<b>4</b>
4.1 EDI Interface - ?RAM? Message.....	4
4.2 Output File specifics.....	4
4.3 Change to the ?PROC_POC_POD package.....	4
4.4 Change to the ?INT_MSG? package.....	4
<b>5 APPENDIX A: NEW TABLES REQUIRED.....</b>	<b>5</b>
5.1 Table - ?INT_RAM_HEADER.....	5
5.2 Table - ?INT_RAM_DETAIL?.....	5
<b>6 APPENDIX B: CHANGES TO EXISTING TABLES REQUIRED.....</b>	<b>6</b>
6.1 Table - INT_SAP_POC_OUTBOUND (ISPO).....	6
6.2 Table - INT_POC_POD_ACK (IPPA).....	6
<b>7 APPENDIX C: EXPECTED OUTPUT FILE LAYOUT.....</b>	<b>7</b>
<b>8 References.....</b>	<b>8</b>
<b>9 Document History.....</b>	<b>9</b>
<b>10 Authorised By.....</b>	<b>10</b>

1 250104



## 2 250104 SW-7EJC8K Revenue Accounting Module (RAM)

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## 3 FUNCTIONAL OVERVIEW

### 3.1 Client Requirement

File extract of all POC and POD records which have had a successful acknowledged from SAP. One file is to contain all the POC records and the other will contain the POD records. This is extract is to run once a day at 12 noon and will include the previous days acknowledgments and relevant POC/POD data. A new TAB page, on the INT\_ERR screen, is also required to display the file header details and the detail breakdown of records sent.

### 3.2 Solution

?The trip Actual data will be written when the outbound message is sent and held on the Table INT\_SAP\_POC\_OUTBOUND.

?The individual acknowledgment records will be assigned a unique id to allow comparison to the outbound records.

?A new procedure will be written to extract the data comparing the acknowledgment received in table INT\_POC\_POD\_ACK and matching the individual records sent from INT\_SAP\_POC\_OUTBOUND.

?Records will be written to a file, each day after 12 noon, for collection by ESI.

?The file records will be viewed via the INT\_ERR screen which will display totals sent in the file and also the details for each booking reference.

### 3.3 Scope

This change will be applied to system version 10.4.7



## 4 FUNCTIONAL DESCRIPTION

### 4.1 EDI Interface - ?RAM? Message

A new outbound EDI flow will be developed for the new ?RAM? message (i.e. ?Revenue Accounting Module?) that will be used to insert records of successful POC/POD acknowledgements and collection/delivery information relevant to the booking\_ref received.

This will require new tables and forms to be developed as follows:

- 1) Table - ?INT\_RAM\_HEADER?  
This table will contain the data to process the header line of the ?RAM? files - details regarding the t
- 2) Table - ?INT\_RAM\_DETAIL?  
This table will contain the data to process the detail lines of the ?RAM? files - details regarding the
- 3) Form - ?INT\_ERR? (Interface Errors)  
A new tab page called ?RAM? will be added to the existing ?Interface Errors? form shown below:  
A database run job will need to be added for the user to upload the ?RAM? file at a set interval.

### 4.2 Output File specifics

The output file is expected to have the file name format;

HHHTTRIPTRK\_SYSDATE in the format DDMMYYYYHHMISS which represents a sequence number for the file created.

The file will contain header information and detail line information (see example on Appendix C).

### 4.3 Change to the ?PROC\_POC\_POD package

Changes will be required within the existing functionality within the database package PROC\_POC\_POD, to store the details of POC/POD. This will involve changing the existing table INT\_SAP\_POC\_OUTBOUND, see details Appendix B.

### 4.4 Change to the ?INT\_MSG? package

Changes will also be required within INT\_MSG, to store the sequence of the individual records received in the acknowledgment file, this will involve changing the existing table INT\_POC\_POD\_ACK, see details on Appendix B.



## 5 APPENDIX A: NEW TABLES REQUIRED

### 5.1 Table - ?INT\_ RAM\_HEADER

Name	Type	Nullable	Default	Storage	Comments
INT_RECORD_ID	VARCHAR2(100)	N			
MTS_OPERATION	VARCHAR2(10)	Y			
MSG_TYPE	VARCHAR2(12)	Y	RAM		
NUM_POC	NUMBER	Y			
NUM_POD	NUMBER	Y			
CREATED_DATE	DATE	Y	SYSDATE		
CREATED_BY	VARCHAR2(40)	Y	USER		
SEQ_NUMBER	NUMBER	N			

### 5.2 Table - ?INT\_ RAM\_DETAIL?

Name	Type	Nullable	Default	Storage	Comments
INT_RECORD_ID	VARCHAR2(2000)	Y			
SEQ_NUMBER	NUMBER	Y			
IPPA_ID	NUMBER	Y			
ISPO_ID	NUMBER	Y			



## 6 APPENDIX B: CHANGES TO EXISTING TABLES REQUIRED

### 6.1 Table - INT\_ SAP\_POC\_OUTBOUND (ISPO)

Add the following columns:

Name	Type	Nullable	Default	Storage	Comments
TRIP_ID	VARCHAR2(2000)	Y			
STOP_ID	NUMBER				
STOP_TYPE	VARCHAR2(2)				
ACTUAL_ARRIVE	DATE				
ACTUAL_DEPART	DATE				
DU_TYPE	VARCHAR2(12)				
DU_QUANTITY	NUMBER(24,4)				
REASON_CODE	VARCHAR2(12)				
CARRIER_ID	VARCHAR2(12)				
SO_POD_NAME	VARCHAR2(50)				
SCHED_NAME	VARCHAR2(12)				

### 6.2 Table - INT\_ POC\_POD\_ACK (IPPA)

Add the following columns:

Name	Type	Nullable	Default	Storage	Comments
ID	NUMBER	Y			





## 7 APPENDIX C: EXPECTED OUTPUT FILE LAYOUT

1. File name format will be as follows HHTTRIPTRK\_SYSDATE in the format DDMMYYYYHHMISS which represents a sequence number for the file created. The file will contain a header section in the format

```
<RECHEADSTART>SARLV,RAM,2<RECHEADENDC>

<RECHEADSTART>  =      Start of header Line
SARLV           =      Database Name
RAM             =      Identifier
2              =      Number of records on file
<RECHEADENDC>   =      End of header Line
```

2.The body of the file should be as follows;

```
<HHTSTART>MAN-00297931,1251303,PK,R,02/06/2008,10:45,4502408266000010001,10,PIPE,,14:00,8758455<HHTEND>
<HHTSTART>MAN-00297912,1251224,PK,R,02/06/2008,08:55,4502375106000040001,12,BUNDLE,,12:50,<HHTEND>

<HHTSTART>           =      Start of detail Line
MAN-00297931         =      Trip_id
1251303              =      Stop_id this will be the stop_no
PK                  =      Stop_type
R                   =      User_type
02/06/2008           =      Actual_arrival_date
10:45               =      Actual_arrival_time
4502408266000010001 =      Booking_ref
10                  =      Du_quantity
PIPE                =      Du_type
Empty field          = Reason_code (Will this ever be populated ??)
14:00               =      Actual_depart_time
8758455             =      Badge_number
<HHTEND>            =      End of detail Line
```



## 8 References

Ref No	Document Title & ID	Version	Date
	HHTTRIPTRK File Format - 140508.xls		



## 9 Document History

Version	Date	Status	Reason	Initials
1a	23/04/08	Draft	Initial version	CBW
1b	09/06/08	Draft	Change to re-processing	JAT



## 10 Authorised By

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