

**Oracle® Hospitality OPERA Property Management**  
**Configuring the Transfer of Data Mart**  
**reservation\_stat\_daily from Property to SFA**  
Release v5.0.04.00 and higher

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Oracle® Hospitality OPERA Property Management  
Licensing Information User Manual  
Version v5.0.04.00 and higher

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## Introduction

### Intended Audience

This document is intended for OPERA SFA installers and other advanced users who need to set up the transfer of the reservation\_stat\_daily data mart from an Interfaced Property to Central for use in OPERA SFA and S&C Advanced Reporting. This document introduces configuration guidelines for the OPERA Data Mart Module (ODM) and is for MICROS internal use only.

### Overview

OPERA Data Marts (ODM) are data repositories with summarized or aggregated data. Starting at the property level, dedicated OPERA processes capture groupings of select data from across the hundreds of OPERA tables and place the data in appropriate, specific OPERA data marts containing groupings of similar information (relational tables). This process typically occurs at the End of Day sequence/Night Audit process that closes and balances each day's activities for the property. The data marts contain the most accurate data after the end of each business day.

For optimal performance when running Account Statistics reports in OPERA Sales & Catering, SFA and S&C Advanced Reporting, additional tables will capture the data from reservation\_stat\_daily by Account and summarize on a Daily, Monthly and Yearly basis. So that these tables can be populated in SFA, reservation\_stat\_daily must be transferred (via OXI) from the Interfaced Property. The setup described in this document is required for all Properties interfaced to SFA via OXI.

The minimum requirement for this transfer is OPERA v5.0.03.01 (both Central and the Remote Property have to be on v5.0.03.01 or higher).

If ORS and/or OCIS are already connected to interfaced properties, an analysis of the existing configuration must be done. This is done to assess the impact of the new messages and to consider whether more hardware and disk space is needed.

## Data Mart Configuration Checklist

This Checklist is an overview of the procedures contained in the following pages for configuring the transfer of reservation\_stat\_daily. The page where more detailed instructions in this document can be found is also listed.

**Note:** If you are new to Data Mart configuration, it is recommended that you follow the procedures in the body of the document first (as opposed to this checklist) to become more familiar with the sequence and instructions.

**Table 1: Transferring Data Mart reservation\_stat\_daily Configuration Checklist**

Step	In Remote Property	In ORS	Check	Action	Script
1		Stop resv stat daily population if active. (See page 10 for details)		Set ENABLE_RESV_STAT_DAILY='N'	update application_parameters set parameter_value = 'N' where parameter_name = 'ENABLE_RESV_STAT_DAILY' and resort='XXX' (where XXX is Resort Name).
2	Update ORS parameter (See page 10 for details)			This parameter controls if the child tables of reservation_stat_daily are populated.	When Active, the following tables will be populated when resv stat daily is inserted via OXI: - company_stat_daily - agent_stat_daily - source_stat_daily - profile_monthly_statistics - profile_yearly_statistics
3	Enable datamart upload. (See page 11 for details)			Set ENABLE_DATAMART_UPLOAD to 'Y'	Update application_parameters set parameter_value = 'Y' where parameter_name = 'ENABLE_DATAMART_UPLOAD'
4	Update OXI parameter. (See page 11 for details)			Set OXI parameters to allow the resync of specific datamarts, select each letter of the data mart you want to re-sync - If you do not see the option after enabling data mart upload Exit fully out of the application and go back in and they will be visible.	Direction: Data from OPERA To External System.  Set to N to disable or a combination of other choices to enable desired messages. For transferring reservation_stat_daily set to 'R'  N: None. F: Financial daily statistics. M: Manager's report. R: Reservation daily statistics. S: Reservation Summary. P: SC Booking Production. O: SC Rooms Status

Step	In Remote Property	In ORS	Check	Action	Script
					Snapshot. C: SC Catering Revenue. U: Catering Production. T: Catering Snapshot. A: Room Category Inventory. B: Allotment Daily Statistics.
5	Update Internal OXI-HUB parameter (See page 11 for details)			These parameters instruct how to handle records when conversion fails for a particular field.	Data from external system to OPERA> Valid values are RMNSTCYVD and X. RMNSTCYVD means that when conversion fails for a particular field, the record is not staged and the value from the external system is inserted in the OPERA Data Mart record.  R: Rate Code M: Market Code N: Channel Code S: Source Code T: Room Type C: Country Code Y: Nationality V: VIP Code D: TRX Code
6	Stop and Start OXI and OXI-HUB processors. (See page 13 for details)			Do this after parameter changes for best practice.	
7	Configure Business Events. (See page 14 for details)		Configuration>Setup >Business Events>Configuration.	Configure: CLOSE BUSINESS DATE (Opera Version prior to V5.0.03.02)  END OF DAY PROCEDURES (Opera Version V5.0.03.02+)	
8	Synchronize/Populate datamarts in PMS. (See page 15 for details)	This can slow the system, so please process a month first to test the processing time and performance.		Run the "Synchronize OBI datamart utility" for Sync Reservation Statistics.	
9	Upload past data to ORS. (See page 18 for OXI Resync Utility or page 22 for Data Request in OXI-HUB for details (PMS v5 only)			Run the OXI Resync Utility or OXIHUB Request Data for all datamarts.	As of 5.0.02.01, OXI-HUB Data Request will prompt for deletion of ORS data for the date range being synched – Procedurally, OXI has been used for sending.
10		Clear suspended	In ORS>Datamarts menu, clear Stage		

Step	In Remote Property	In ORS	Check	Action	Script
		transactions. (See page 24 for details)	Reservation Daily Statistics and Stage Reservation Summary. If applicable, clear Stage Financial Statistics.		
11	Refer to OPERA Online Help and the OBI Installation and Configuration Guide for more information on OBI installation and cube maintenance.				



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## Data Mart Processing in OXI/OXI-HUB

Data mart messages and business events only get processed when the processors are idle (not busy processing other message types).

Data mart messages are addressed to a virtual consumer called MOTO. Only when other threads (MxTy) are idle, will data mart messages be processed.

If constant processing is required, additional threads can be allocated and assigned to empty OXI-HUB threads (threads for which no properties have been set up in OXI-HUB).

---

## Central Configuration

In order to enable data mart transmission for a property in a Central system, these internal (back-end) and external parameters changes need to be made so past PMS data can be resynched to today's date. The internal parameter can be changed by Administrators or Technical Support.

### Central Parameters

Disable the following internal parameter:

ENABLE\_RESV\_STAT\_DAILY – When active, enables Logging of Reservation Stat Daily Table (in OIS/ ORS where data mart is Active.)

- Set to 'N' to disable, as ORS will be receiving Reservation Daily Statistics Data Marts from the Property

Enable the following parameter:

OBI\_POPULATE\_RESVSTAT\_TABLES\_YN (POPULATE RESERVATION STATISTICS TABLES) – When active, the child tables of reservation\_stat\_daily will be populated

- Set to 'Y' so that the following child tables will be populated when reservation\_stat\_daily is inserted via OXI:
  - company\_stat\_daily
  - agent\_stat\_daily
  - source\_stat\_daily
  - profile\_monthly\_statistics
  - profile\_yearly\_statistics

After the Central internal parameters and settings are disabled, proceed to:

**PMS Configuration** (next section) where you will prepare the system for the Night Audit.

- After PMS Configuration, proceed to OXI Resync where you synchronize past data from PMS to OXI to ORS, using the OXI Resync Utility. See OXI Resync Utility in the following pages. The OXI Resync process is done once, and thereafter the Night Audit will update the data marts.

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## PMS Property Configuration

After Central configuration, some additional settings have to be made for all properties interfaced with Central or integrated on the same database.

### Application Settings

#### Internal PMS Parameter

These back-end parameters can be changed by Administrators or Technical Support.

- ENABLE\_DATAMART\_UPLOAD
  - Set to 'Y' to enable Data Mart upload from the Property to the Central System. (When this parameter is enabled, the OXI parameter SEND\_DATAMART\_MESSAGES will display, see below.)

#### OXI Parameter:

- SEND\_DATAMART\_MESSAGES: Direction - Data from OPERA To External System. (This parameter only displays when the PMS parameter ENABLE\_DATAMART\_UPLOAD is enabled.)

- Set to 'N' to disable, or a combination of other choices to enable the desired messages. For transferring reservation\_stat\_daily, set to 'R'.

N: None.

F: Financial daily statistics.

M: Manager's report.

R: Reservation daily statistics.

S: Reservation Summary.

P: SC Booking Production.

O: SC Rooms Status Snapshot.

C: SC Catering Revenue.

U: Catering Production.

T: Catering Snapshot.

A: Room Category Inventory.

B: Allotment Daily Statistics.

#### Internal OXI-HUB Parameter:

These back-end parameters can be changed by Administrators or Technical Support.

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BYPASS\_CONVERSION\_DM: Direction - Data from external system to OPERA. Valid values are RMNSTCYVD and X. RMNSTCYVD means that when conversion fails for a particular field, the record is not staged and the value from the external system is inserted in the OPERA Data Mart record. Mapping for each field is:

R : RATE CODE  
M : MARKET CODE  
N : CHANNEL CODE  
S : SOURCE CODE  
T : ROOM TYPE  
C : COUNTRY CODE  
Y : NATIONALITY  
V : VIP CODE  
D : TRX CODE

For example if the parameter has values MS then,

if no conversion for the incoming market code (M) is found the record is not staged and external value gets inserted.

if no conversion for Channel (N) is found then the record is staged until conversion is created or external value is changed to a convertible value.

---

## Start/Stop OXI and OXI-HUB Processors

This is recommended as a Best Practice after parameters have been set.

For OXI interface:

The Start/Stop Processor is located under Interface Status>Start/Stop Processor.

The Services that generate status for the Start/Stop Processor are located on the Database Server.

You must have Administrator permissions to access this machine and service.

Go to that machine and login; Start>Settings>Control Panel>Administrative Tools>Services.

The name of the service is called (i.e. OPERA Interface for [name]). Interface names included are: (OPERA Interface for Pegasus/UNIREZ/FTCRS/Holidex etc.).

For OXI\_HUB interface:

The OXI\_HUB interface does not carry Start/Stop Processor as our OXI interfaces do. Instead this is handled by the MICROS Fidelio Queue Manager [ORS].

Go to the machine and login; Start>Settings>Control Panel>Administrative Tools>Services.

Service name is MICROS-Fidelio Queue Manager [ORS].

Highlight service and right-click for service options.

Select Restart from the menu. The service will be Stopped/Restarted in one step.

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## Business Event Configuration

**Note:** For OPERA Sites below V5.0.03.02 requires CLOSE BUSINESS DATE to send the Reservation Daily Stat Datamart.

For OPERA Sites on V.5.0.03.02 or above CLOSE BUSINESS DATE is no longer required and should be replaced with END OF DAY PROCEDURES

Add the requirements for the following NIGHT AUDIT business event (for daily transmission). This allows PMS to send data mart data every Night Audit. Both are required:

### END OF PROCEDURES

Datamarts that are uploaded when the END OF PROCEDURES business event is triggered in the Night Audit include:

- RESVDAILYSTAT – Reservation Daily Statistics
- MANAGERSREPORT – Managers Report
- FINDAILYSTAT – Financial Daily Statistics
- ALLOTSTATDAILY – Allotment Daily Statistics
- SCBOOKPROD - SC Booking Production
- SCROOMSSNAPSHOT - SC Rooms Snapshot
- SCCATERINGREVENUE - SC Catering Revenue
- SCCATPRODUCTION - SC Catering Production
- SCCATSNAPSHOT - SC Catering Snapshot
- RTAV - Room Category Inventory

### ROLL BUSINESS DATE

Datamarts that are uploaded when the END OF PROCEDURES business event is triggered in the Night Audit include:

- RESVSUMMARY - Reservation Summary

Access **Configuration>Setup>Business Events>Configuration.**

Select **ORS** from the External System LOV.

Select Night Audit from the Module LOV.

Select Search to reveal the available Business Events.

Select Edit to display the Data Element screen.



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## Synchronize Data Marts

The data marts data needs to be synchronized with the property's past data up to the current business date, at the time when OBI is first implemented. This includes the synchronization processes of:

Synchronize OBI Data Mart Utility

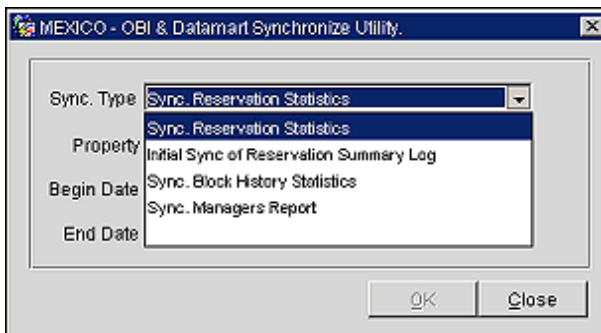
**Note:** Please be aware that the process Synchronize OBI Data Mart Utility generates intense traffic.

Synchronize OBI Data Mart Utility

Select **Utilities>Synchronize Utilities>Synchronize OBI Data Mart Utility** to display the OBI & Datamart Synchronize Utility screen. Use this screen to populate data mart tables for the first time for OPERA Business Intelligence (OBI) use, or to recalculate and update the data mart tables, ensuring they contain the latest data. Once the data marts are built, they are updated after the End of Day/Night Audit Procedure.



There are multiple data marts available for synchronizing, for the purposes of this document, you only need to select: Sync. Reservation Statistics.



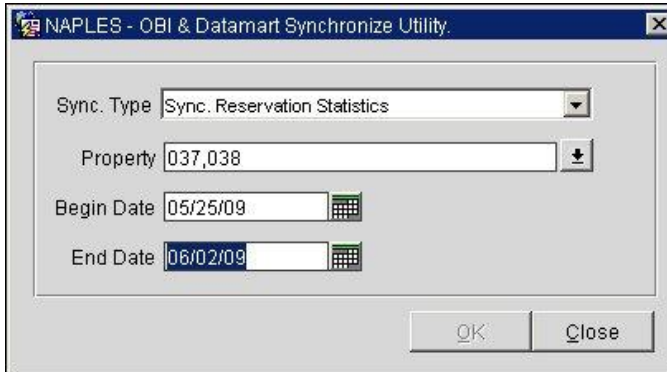


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## OBI Data Mart Synchronization Overview

This procedure applies to all OBI & Datamart Synchronize Utility synchronization types. To run the synchronization process, provide the following information and select the **OK** button. When the process is complete, a message informs you "Synchronizing Complete."

### OBI & Datamart Synchronize Utility Screen Description



**Sync. Type.** Select the option 'Sync. Reservation Statistics' from the LOV.

**Property.** This LOV appears when the OPP\_MHOT OPERA Property Management Multi- Property Base add-on license code or OPR<version number>ORS license code is active. Select the down arrow to select a property from the list of values.

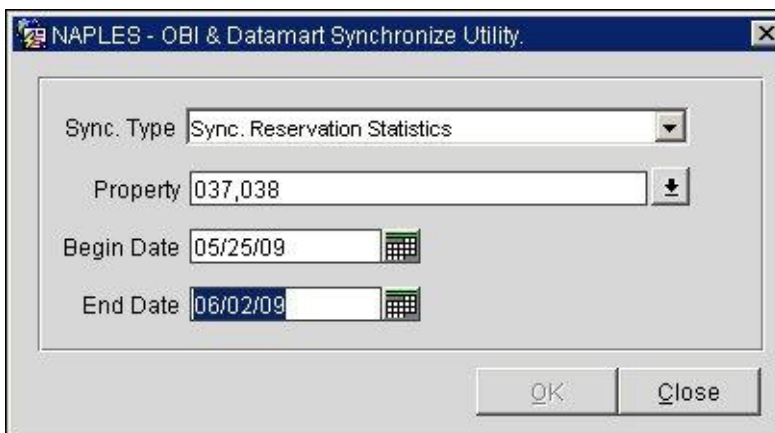
**Begin Date.** Enter the beginning date for the data that will be synchronized.

**End Date.** Enter the ending date to be covered by the synchronization action.

### Sync. Reservation Statistics

This procedure populates additional columns for access by OBI for all the reservation statistics created at the property. The data mart and cubes affected are:

**Data mart** - Reservation\_stat\_daily



To run the synchronization process, provide the following information and select the **OK** button. When the process is complete, a message informs you "Synchronizing Complete."

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**Sync. Type.** Select the synchronization process from the LOV. Each is explained below.

**Property.** This LOV appears when the **OPP\_MHOT OPERA Property Management Multi- Property Base** add-on license code or **OPR<version number>ORS** license code is active. Select the down arrow to select a property from the list of values.

**Begin Date.** Enter the beginning date for the data that will be synchronized.

**End Date.** Enter the ending date to be covered by the synchronization action.

Initial Sync of Reservation Summary

This procedure is not explained in this document as it does not pertain.

Sync. Block History Statistics

This procedure is not explained in this document as it does not pertain.

Sync. Managers Report

This procedure is not explained in this document as it does not pertain.

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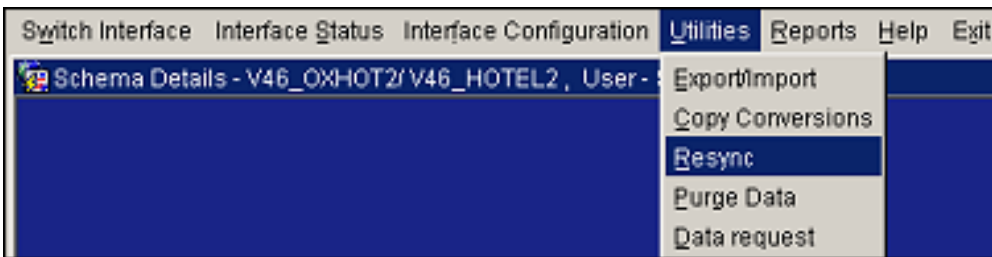
## OXI Resync Utility

When OPERA PMS has been utilized prior to the Data Mart installation, synchronize past data from PMS properties (external systems) to OXI to ORS. If this isn't done, the Reservation Summary Table and Reservation Stat Daily Table will not contain past data.

**Note:** Ensure that you have *disabled* the internal parameters as discussed in the previous Central Configuration section: **ENABLE\_RESV\_SUMMARY\_LOG** and **ENABLE\_RESV\_STAT\_DAILY**.

Connect to OXI and access **OXI>Utilities>Resync**. In this case, the only necessary resync processes are for the Stay and Data Mart options.

**Note:** A different utility, **Data Request**, requests data from the OPERA PMS (external systems) to ORS through OXI/OXI-HUB. See the section, **Data Request Option in OXI-HUB**.



### Recommendations

Resynchronization for large periods of time during peak work hours is not recommended.

Resynchronization should be done in the late to early morning hours where Night Management or Night Audit can run without compromising system performance.

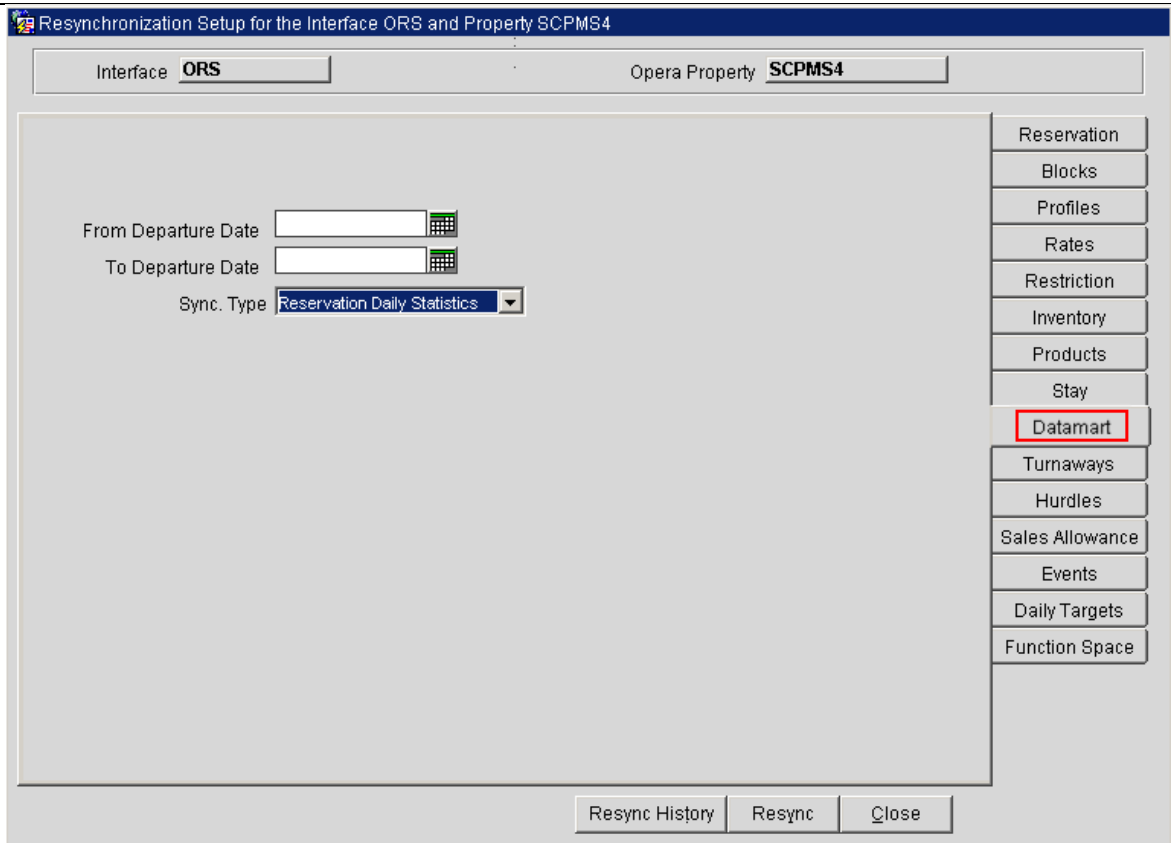
Resynchronization can be done during the day, however keep in mind that:

Smaller time frames are preferable to larger ones.

Choose the necessary records to resync over hundreds of records at a time.

### Resync Option – Datamart

Ensure that the PMS Property Configuration Application Settings are set. Then process the Datamart Resync option. Once this Datamart resync process is done (recommended when the property is activated), the Night Audit will continue to process the data marts. This Data mart process is very intensive and collects thousands of rows per day. However, this resync process does not interfere with reservations made in PMS and other mission-critical data.



**From Departure Date.** Select the first departure start date for the resync.

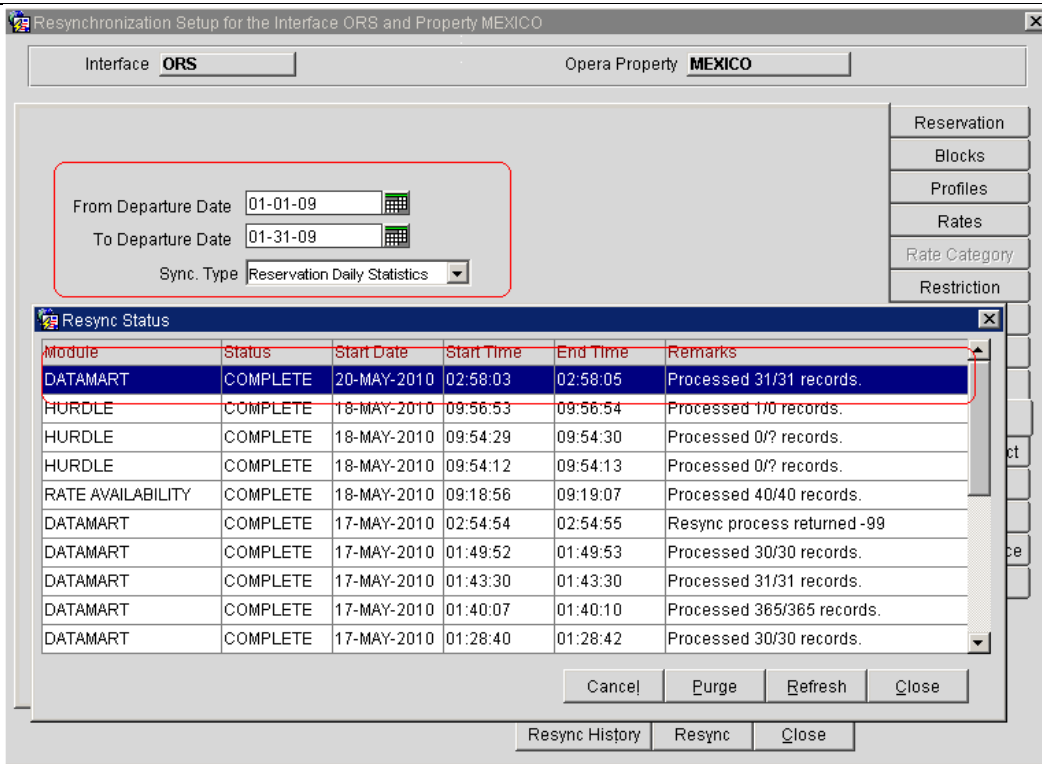
**To Departure Date.** Select the last departure start date for the resync.

**Sync. Type.** Select the Sync Type. Although there are many options, for the purposes of this document, you will only be selecting **Reservation Daily Statistics**.

### Resynchronization History

For any resync that is executed, a record is created in the resync history table. (A record indicates a day, for which thousands of messages may be generated per day). This history record will assist you in keeping track of all resyncs done and what their status is/was.

**Example:** Resync History.



## Fields

**Module.** Resync module that was used.

**Status.** Status of resync. Options are:

**NEW** – resync has just started.

**IN PROGRESS** – resync is currently being processed.

**COMPLETE** – resync is complete and reservations will be sent to external system if resync filters have found any records.

**Start Date.** System date that the Resync was run on.

**Start Time/End Time.** The time stamps showing full span of time to for the resync to process.

**Remarks.** Text message of how many records found and processed. Inventory and Stay resyncs will not display text in the remarks. A message with (-1) in it will mean that 1 or more messages did not successfully resync.

## Button Functions

**Cancel.** Use this option to cancel out of any action on this screen.

**Purge.** Manual purge of the entire resync history. Only resyncs that have not been completed yet will be excluded from the deletion. A warning occurs that has to be confirmed before the purge is performed.

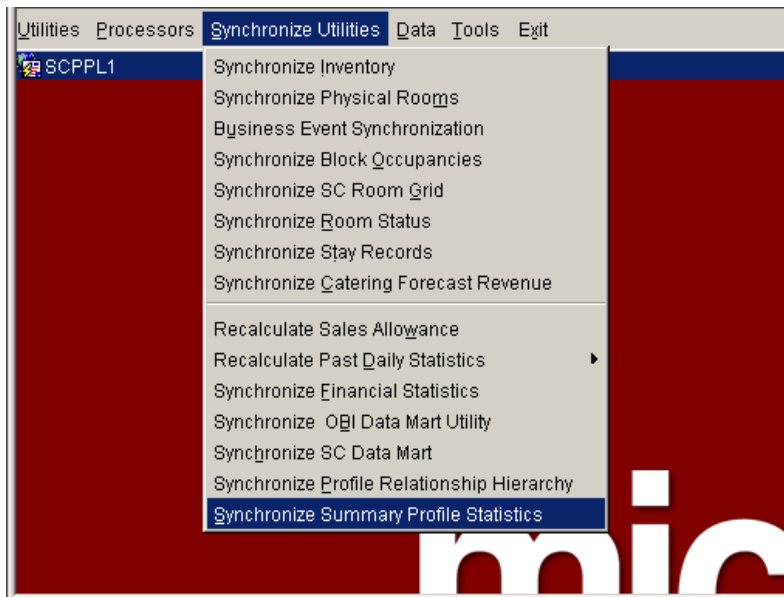
**Refresh.** To see the latest status of all resync activities.

**Close.** Exits the Resync History screen

## Synchronize Profile Summary Tables

When OPERA PMS has been utilized prior to the transfer of reservation\_stat\_daily to Central, this Utility must be run to populate the child tables in central

Select **Utilities>Synchronize Utilities>Synchronize Summary Profile Statistics** to display the Synchronize Summary Profile Statistics Utility screen.

A screenshot of the 'SCPPL - Synchronize Summary Profile Statistics' utility screen. The screen has a blue title bar. Below the title bar, there is a 'Name Type' dropdown menu set to 'Company'. Below that is a checkbox labeled 'Update contact flag in reservation\_stat\_daily' which is unchecked. There are two text input fields for 'Name' and 'Property'. Below these are two date selection fields, each labeled 'Year(YYYY) / Month', with dropdown arrows for year and month. At the bottom of the screen are 'OK' and 'Close' buttons.

Use this screen to populate the tables company\_stat\_daily, agent\_stat\_daily, source\_stat\_daily, profile\_monthly\_statistics and profile\_yearly\_statistics. Once they are populated, and the application parameter OBI\_POPULATE\_RESVSTAT\_TABLES\_YN is Active, these tables will be automatically updated when reservation\_stat\_daily is inserted in Central via OXI after the End of Day/Night Audit Procedure.

## Data Request Option in OXI-HUB

The purpose for the **Data Request** Utility is to have data sent *from* OPERA PMS to the ORS for synchronization, initiated from the ORS side. Data mart synchronization is done through this utility, sending data from PMS to ORS.

**Note:** Data Requests only apply when polling a V5.x OPMS.

Access this utility by selecting **OXI-HUB>Utilities>Data Request**.

To perform this process, users must have the permission **OXIHUB>OXIHUB UTILITIES**.

To initiate the Data mart Data Request, select the:

Data mart check box

Item Type from the LOV

Begin From and To Dates

**OK** button.

The screenshot shows the 'MOTTI - Data Request Synchronization' window. The 'Interface' is set to 'OXI-OPERA' and the 'Property' is 'SEPARA'. The 'Data Request Module to synchronize' section includes checkboxes for 'Reservations', 'Blocks', 'Rates', 'Packages', 'Profiles', 'Configuration', and 'Datamart'. Each module has associated date pickers for 'Start Criteria' and 'End Criteria'. The 'Datamart' module is checked, and its 'Item Type' and 'Level' are set to 'Item' and 'Level' respectively. A 'Datamart Message Types' dialog box is open, showing a list of 'Sync\_Type' and 'Sync\_Type\_Desc' values. The 'Find' field is empty. The dialog box has 'Find', 'OK', and 'Cancel' buttons.

Sync_Type	Sync_Type_Desc
ALL	All
RESVDAILYSTAT	Reservation Daily Statistics
MANAGERSREPO...	Managers Report
FINDAILYSTAT	Financial Daily Statistics
RESVSUMMARY	Reservation Summary
SCBOOKPROD	SC Booking Production
SCCATERINGREV...	SC Catering Revenue
SCROOMSSNAPS...	SC Rooms Snapshot
SCCATPRODUCT...	SC Catering Production

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## Data Mart Items

There are many options available, but for the purposes of this document you would only select RESVDEAILSTAT (Reservation The available Sync Types and their Sync Type Descriptions are:

<b>Sync Type</b>	<b>Sync Type Description</b>
ALL	All
RESVDAILYSTAT	Reservation Daily Statistics
MANAGERSREPORT	Managers Report
FINDAILYSTAT	Financial Daily Statistics
RESVSUMMARY	Reservation Summary
SCBOOKPROD	SC Booking Production
SCCATERINGREVENUE	SC Catering Revenue
SCROOMSSNAPSHOT	SC Rooms Snapshot
SCCATPRODUCTION	SC Catering Production
SCCATSNAPSHOT	SC Catering Snapshot
RTAV	Room Category Inventory



## Data Mart Staged Records

The Data Mart Staged Records functionality allows you to view records that were rejected, and therefore staged, by the system during data upload and conversion from PMS to OXI to ORS/OCIS data marts. These rejected records were staged because they were incomplete or inaccurate. By using the **ORS>Data Mart** screens you can view these records and their errors, make corrections, and then process them to be uploaded to the appropriate data mart. These data mart staging screens are available:

Stage Reservation Daily Statistics

Stage Reservation Summary Log

Stage Financial Statistics

Stage Reservation Daily Statistics

Stage Reservation Daily Statistics

Access the Stage Reservations Daily Statistics Staged Records screen by selecting **ORS>Data Mart>Stage Reservations Daily Statistics**. This screen displays the property, reservation status and reservation ID and other details, arrival and departure dates, and the import date of the staged record. If you want to display specific records, select the Property from the Property LOV and/or the Import Date and select **Search**.

Property	Resv. Status	Resv. ID	Arrival	Departure	Book Date	Import Date
ADLON		483808	05/26/05	06/01/05	03/30/05	07/29/05
ADLON		482418	05/27/05	05/31/05	03/21/05	07/29/05
ADLON		482422	05/27/05	05/31/05	03/21/05	07/29/05
ADLON		483803	05/27/05	06/01/05	03/30/05	07/29/05
ADLON		486700	05/27/05	06/01/05	04/11/05	07/29/05
ADLON		479015	05/27/05	06/02/05	02/24/05	07/29/05
ADLON		456369	05/27/05	06/02/05	10/18/04	07/29/05
ADLON		486699	05/27/05	06/01/05	04/11/05	07/29/05
ADLON		469012	05/27/05	05/29/05	01/03/05	07/29/05
ADLON		475216	05/27/05	05/31/05	02/04/05	07/29/05
ADLON		475217	05/27/05	05/31/05	02/04/05	07/29/05
ADLON		481489	05/27/05	05/30/05	03/14/05	07/29/05
ADLON		483806	05/27/05	06/01/05	03/30/05	07/29/05
ADLON		482423	05/27/05	05/31/05	03/21/05	07/29/05
ADLON		486710	05/27/05	06/01/05	04/11/05	07/29/05

### Options

You have several options for working with staged records from the Reservations Daily Statistics Staged Records screen.

**Summary.** Select this button to open the Error Summary screen (described below) which lists a description of all the errors that occurred while processing the reservations.

**Reprocess.** After you select **Edit** (see below) and make corrections to resolve the errors, select **Reprocess** to refresh the Reservation Daily Statistics Staged Records screen with the updated results.

**Delete.** Select this button to permanently remove the record.

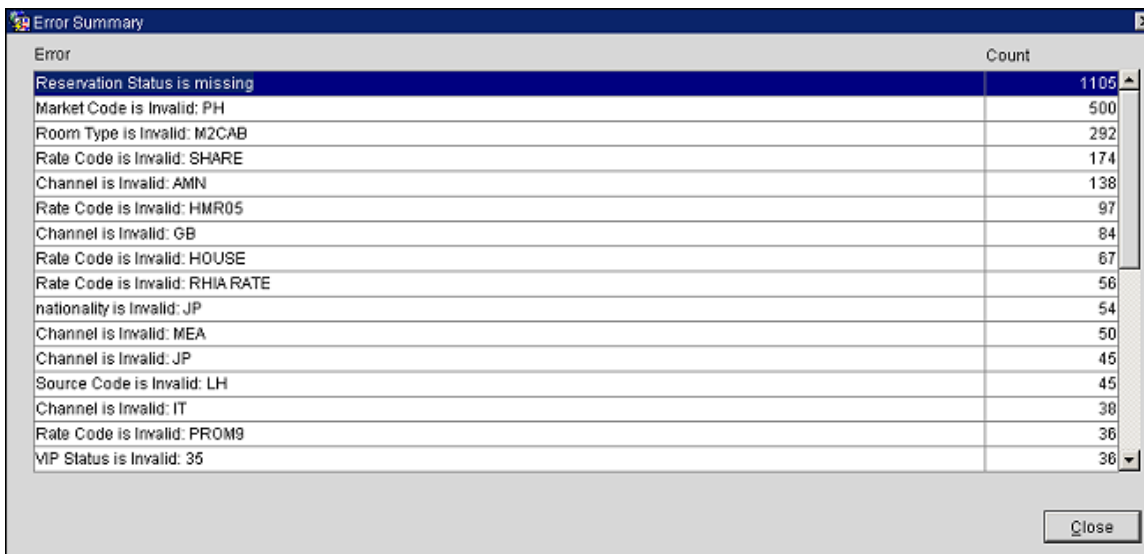
**Edit.** Select this button to open the Reservation Daily Statistics Suspended Record screen (see below) where you can make corrections and reprocess the currently highlighted record (make the change and select the **Process** button). You can also access the Daily Statistics Suspended Record screen by highlighting the record from the Reservations Daily Statistics Staged Records screen and double-clicking.

### Reservation Daily Statistics Error Summary

This screen is accessed from the **Reservations Daily Statistics Staged Records** screen, when **Summary** is selected. The Error Summary screen lists a description of all the errors that occurred while processing the reservations.

You can access the Daily Statistics Suspended Record screen by highlighting the desired record from the Reservations Daily Statistics Staged Records screen and double-clicking.

To return to the **Reservations Daily Statistics Staged Records** screen, select **Close**.



Error	Count
Reservation Status is missing	1105
Market Code is Invalid: PH	500
Room Type is Invalid: M2CAB	292
Rate Code is Invalid: SHARE	174
Channel is Invalid: AMN	138
Rate Code is Invalid: HMR05	97
Channel is Invalid: GB	84
Rate Code is Invalid: HOUSE	67
Rate Code is Invalid: RHIA RATE	56
nationality is Invalid: JP	54
Channel is Invalid: MEA	50
Channel is Invalid: JP	45
Source Code is Invalid: LH	45
Channel is Invalid: IT	38
Rate Code is Invalid: PROM9	36
VIP Status is Invalid: 35	36

### Reservation Daily Statistics Suspended Record

This screen is accessed from **Reservations Daily Statistics Staged Records>Edit** or from the Error Summary screen where you have double-clicked on an error. Here you can change the item highlighted in red, explained in the bottom Error Field.

Make the change and select the **Process** button to implement your changes.

When you return to the Reservations Daily Statistics Staged Records screen, select the **Reprocess** button.

Reservation Daily Statistics Suspended Record

Property:  Resv. ID:  Stage Record Id:

Rate Code:  Channel:

Source Code:  Country:

Market Code:  Nationality:

Room Type:  Vlp Status:

Resv. Status:  Booked Room Type:

Error Field	Error Description
RESV_STATUS	Reservation Status is missing

Errors Found in Validation / Conversion

### Stage Reservation Summary Log

Access the Reservation Summary Staged Records screen by selecting **ORS>Data Mart>Stage Reservation Summary Log**. This screen displays the property, the reservation ( R ) or Block ( B ) ID, and relevant dates of the staged record. For specific results, select the Property from the Property LOV and/or the Import Date and select **Search**.

NAPLES - Reservation Summary Staged Records

Property:  Import Date:

Property	Resv./Block	Resv./Block ID	Considered Date	Business Date	Update Date	Import Date
SEPARA	B	459341	06/11/07	06/11/07	02/18/09 10:57	08/07/09
SEPARA	B	244279	06/11/07	06/11/07	02/18/09 10:45	08/07/09
SEPARA	B	244279	06/11/07	06/11/07	02/18/09 10:34	08/07/09
SEPARA	R	1686979	05/03/07	03/23/07	11/07/07 16:49	10/29/09
SEPARA	R	1686979	05/04/07	03/23/07	11/07/07 16:49	10/29/09
SEPARA	R	1686979	05/05/07	03/23/07	11/07/07 16:49	10/29/09
SEPARA	R	1686979	05/02/07	03/23/07	11/07/07 16:49	10/29/09
SEPARA	R	1686979	05/01/07	03/23/07	11/07/07 16:49	10/29/09
SEPARA	R	1686979	05/01/07	03/23/07	11/07/07 16:49	10/29/09
SEPARA	R	1686979	05/05/07	03/23/07	11/07/07 16:49	10/29/09
SEPARA	R	1686979	05/03/07	03/23/07	11/07/07 16:49	10/29/09
SEPARA	R	1686979	05/04/07	03/23/07	11/07/07 16:49	10/29/09
SEPARA	R	1686979	05/02/07	03/23/07	11/07/07 16:49	10/29/09
SEPARA	R	1686979	05/05/07	03/23/07	11/07/07 16:49	10/29/09

ERROR: ORA-00001: unique constraint (V46\_CENTRAL\_RESV\_SUMMARY\_LOG\_UK) violated  
 ORA-00001: unique constraint (V46\_CENTRAL\_RESV\_SUMMARY\_LOG\_UK) violated | Updating reservation\_summary\_log PK | INSERT\_RESV\_SUMMARY | 97054

### Options

You have several options for working with staged records from the Reservation Summary Staged Records screen.

**Summary.** Select this button to open the Error Summary screen (described below) which lists a description of all the errors that occurred while processing the reservations.

**Reprocess.** After you select **Edit** (see below) and make corrections to resolve the errors, select **Reprocess** to refresh the Reservation Summary Staged Records screen with the updated results.

**Delete.** Select this button to permanently remove the record.

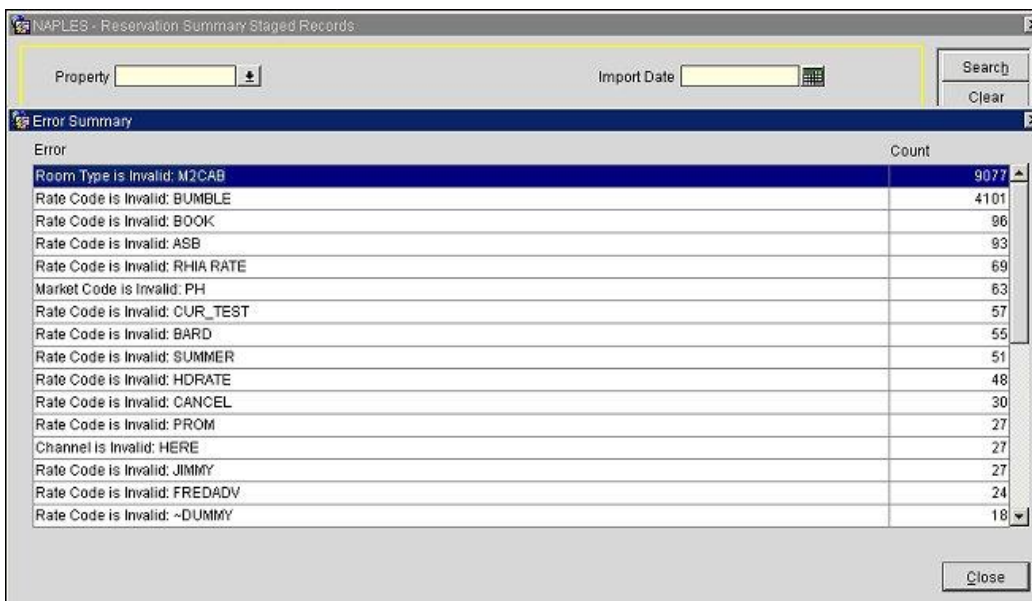
**Edit.** Select this button to open the Reservation Summary Suspended Record screen (see below) where you can make corrections and reprocess the currently highlighted record (make the change and select the **Process** button). You can also access the Reservation Summary Suspended Record screen by highlighting the record from the Reservations Summary Staged Records screen and double-clicking.

### Reservation Summary Error Summary

This screen is accessed from the **Reservation Summary Staged Records** screen, when **Summary** is selected. The Error Summary screen lists a description of all the errors that occurred while processing the reservations.

On the Error Summary screen, highlight the desired error and double-click to access all records having the error. The **Reservation Summary Staged Records** screen displays where you can correct the record.

To return to the **Reservations Summary Staged Records** screen, select **Close**.



The screenshot shows a window titled "NAPLES - Reservation Summary Staged Records" with a sub-window titled "Error Summary". The "Error Summary" window contains a table with two columns: "Error" and "Count". The table lists various error types and their corresponding counts. The "Room Type is Invalid: M2CAB" error has the highest count at 9077.

Error	Count
Room Type is Invalid: M2CAB	9077
Rate Code is Invalid: BUMBLE	4101
Rate Code is Invalid: BOOK	96
Rate Code is Invalid: ASB	93
Rate Code is Invalid: RHIA RATE	69
Market Code is Invalid: PH	63
Rate Code is Invalid: CUR_TEST	57
Rate Code is Invalid: BARD	55
Rate Code is Invalid: SUMMER	51
Rate Code is Invalid: HDRATE	48
Rate Code is Invalid: CANCEL	30
Rate Code is Invalid: PROM	27
Channel is Invalid: HERE	27
Rate Code is Invalid: JIMMY	27
Rate Code is Invalid: FREDADV	24
Rate Code is Invalid: ~DUMMY	18

### Reservation Summary Suspended Record

This screen is accessed from **Reservation Summary Staged Records>Edit** or from the Error Summary screen when you double-click on an error. Here you can change the field highlighted in red, explained in the bottom Error Grid.

Make the change and select the **Process** button to implement your changes.

When you return to the Reservations Summary Staged Records screen, select the **Reprocess** button.

The screenshot shows a window titled "Reservation Summary Suspended Record" with the following fields and values:

- Property: SEPARA
- Resv. / Block ID: 1913230
- Stage Record Id: 235539
- Rate Code: BOOK (highlighted in red)
- Channel: (empty)
- Source Code: GUD
- Country: (empty)
- Market Code: ALL
- Nationality: (empty)
- Room Type: DLX
- Resv. Status: RESERVED

An error table is displayed below the fields:

Error Field	Error Description
RATE_CODE	Rate Code is Invalid: BOOK

At the bottom of the window, there is a section titled "Errors Found in Validation / Conversion" and two buttons: "Process" and "Close".

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## Summary

This concludes the information on preparing the transfer for reservation\_stat\_daily for your site. Refer to OPERA Online Help and the OBI Installation and Configuration Guide for more information on how to install OBI at your site, assign users, and build and maintain OBI cubes.