

Oracle® Hospitality Cruise Shipboard Property Management System ADPI User Guide



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Preface

The Asynchronous Data Processing Interface (ADPI) is an automated function within the Oracle Hospitality Cruise Shipboard Property Management System (SPMS) that purges past data to make way for newer data based on the number of days specified.

The interface program processes asynchronously long running, low priority tasks on a separate computer, preferably in a server where it executes its tasks. A command triggered from the night audit computer after system date change completes initiates the data cleaning procedure, and is based on the task frequency set up during installation.

Audience

This document is intended for Ship's System Administrator and/or Application Specialists of Oracle Hospitality Cruise Shipboard Property Management System.

Customer Support

To contact Oracle Customer Support, access My Oracle Support at the following URL:

<https://support.oracle.com>

When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take

Documentation

Oracle Hospitality product documentation is available on the Oracle Help Center at <http://docs.oracle.com/en/industries/hospitality/cruise.html>.

Revision History

Table 1 Revision History

Date	Description of Change
September 2021	Initial publication.
March 2022	Made minor grammatical changes.

1

System Parameter

Before you begin, the application requires you to set up the following parameter in **Administration, System Setup, Database Parameter**.

PAR_GROUP: Interface

Table 1-1 PAR Group Interface

PAR Name	PAR Value	Description
ADPI Server Name	Server Name defined by user	Specify the computer name or Internet Protocol (IP) address of the machine where ADPI is running.

2

User Interface

The application purges data older than the days indicated in each of the purge groups. You should develop an adequate backup method that lets you restore and access old data that you already purged, when required. You cannot recover the data once it is purged.

The ADPI application provides three tabs:

Messages: The tab provides an overview of all the messages coming from and being sent to SPMS, including the data processing messages.

Debug: The tab enables detail view of selected messages use for debugging purposes. Each message is logged into a file named `"ADPILog_DDMMYY.txt"` and saved in the same folder as the application.

Settings: The tab provides you the options to define the data to keep or purge.

Apply: During the setup, the system prompts for your log-in name and password each time you click the Apply button and save the settings to the `OHCSettings.par` file.



Note:

The application only accepts changes made by users from the Administrative group.

Process Now: Click to initiate the data purge based on the settings defined. The following warning appears:



WARNING:

Purged Data is not recoverable.

A blinking 'green light' indicates that the ADPI is operational and not processing. A blinking 'yellow light' indicates the interface is currently processing commands.

3

ADPI Configuration

This section describes the steps to use for defining the parameters in the ADPI interface according to the ship's operation. You can specify the number of days to retain the data before purging it.



Note:

Some functions correlate with other fields. Be sure to select the correct check box before applying changes.

Figure 3-1 ADPI Daily Data Purge Settings

Asynchronous Data Processing

Messages | Debug | **Settings**

Session Status: **Enabled** Started: 2/12/2018 3:27:12 PM

Daily Data Purge | Cruise End Data Purge

Data Selection

Specify number of days to keep the data before purging for each of the selected item groups. For more information see ADPI documentation.

☐ Guests Accounts (days):	365	☐ Gift Card Accounts (days):	365
☐ Guests Account Details (days):	365	☐ Gift Card Acc Details (days):	365
☐ Guests Bill/Item Details (days):	365	☐ Gift Card Bill/Item Dtls (days):	365
☐ Group Accounts (days):	365	☐ DRS Details (days):	730
☐ Group Account Details (days):	365	☒ Payroll Information (days):	10
☐ Group Bill View Details (days):	365	☐ Change Log (days):	300
☐ Crew Accounts (days):	365	☐ Seaware Error Logs (days):	90
☐ Crew Account Details (days):	365	☐ Credit Card Data (days):	180
☐ Crew Bill/Item Details (days):	365	☐ Sync Details (days):	90
☐ Log Information (days):	365	☐ Event Details (days):	90
☐ Guest Pictures (days):	365	☐ Crew Document Images (days):	30
☐ Gangway Log (days):	365	☐ Housekeeping Details (days):	30
☐ Crew Incentive Details (days):	365	☐ GL Files Details (days):	30
☐ Crew Pictures (days):	365	☐ Abandon Ship Tracking (days):	30
☐ Guest Document Images (days):	30	☐ General Assembly Tracking (days):	30
☐ Queue Information (days):	365	☐ Passengers History (days):	30
☐ Signature Image (days):	30	☐ Guest Luggage Details (days):	30
☐ Completed Work Order (days):	365		

Special

Specify when actions listed in Data Selection frame should apply to residents. For more information see ADPI documentation.

☐ Residents purge delay (days): 0

Comment Card Data Selection

☐ Use number of days specified in comment card module. Specify number of days to keep the data before purging.

☐ Comment Cards (days): 365

☐ Purge blob data only: 365

☐ Result & Scanned Forms ☐ Scanned Form Only

☐ Mark form as removed (days): 365

Performance

Specify number of entries deleted per batch (default 100) and delay (default 0.2 sec) between each batch execution. The more entries in a batch and shorter the time between batches the more processing power is needed.

Batch Size: 5000

Batch Purge Delay (sec): 10.0

☐ Purge orphaned records for account details

☐ Purge Offboard Generic Visitor Pictures

Warning: Set the parameters carefully. ADPI purges the data permanently, recovery is not possible.

Process Now Apply

The Interface has two type of purges:

Daily Data Purge: This purge executes daily when the ADPI interface receives the 'EndOfDay' command from the Management application after the system date change. ADPI only purges previous day(s) data from the days you specify.

Cruise End Data Purge: This purge executes during End of Cruise when the ADPI Interface receives the 'EndofCruise' command from the Management application.

Refer to the following available options and descriptions:

Table 3-1 Daily Data Purge Function

Function	Description
Guest Accounts	Purges the postings and user-defined fields for all guests that checked-out, and reservation cancellation.
Guest Account Details	Purges the excursion and excursion waitlist, pre-postings and billing info, amenities and special requests, visa and flights, reservation history, guest history, travel agent info, allergies info, promotion history, credit card info, authorization, settlement info and guest comment for guests that checked out. The number of days cannot be greater than the number of days set for Guest Accounts.
Guest Bill/Item Details	Purges the bill view, point-of-sale (POS) detail item, XML guest history and Dining Reservation System (DRS) item for all guest accounts, and bill view details. The number of days cannot be greater than the number of days set for Guest Accounts.
Group Accounts	Purges the regular postings and user-defined fields for all groups that checked out and reservation cancellation.
Group Account Details	Purges the billing info, travel agent info, credit card info, authorization and settlement info for groups that checked-out. The number of days cannot be greater than the number of days set for Group Accounts.
Group Bill View Details	Purges the bill view, POS detail items for all group accounts, and bill view details. The number of days cannot be greater than the number of days set for Group Accounts.
Crew Accounts	Purges the regular postings, user defined fields, crew history info, and hotel and bar service charge info on checked-out reservations and cancellations.
Crew Account Details	Purges information about the following: pre-postings, visa, uniform, training and courses, shore side deny, crew history and promotion history, cabin change log, warning, allergies, credit card, authorization, settlement, time and attendance, scheduled crew drill training and crew comments for crew that checked-out. The number of days cannot be greater than the number of days set for Crew Accounts.

Table 3-1 (Cont.) Daily Data Purge Function

Function	Description
Crew Bill/Item Details	Purges the bill view and POS detail item for all crew accounts and bill view details. The number of days cannot be greater than the number of days set for Crew Accounts.
Log Information	Purges Log entries log.
Guest Pictures	Purges all checked-out and cancelled guest accounts picture details.
Gangway Log	Purges Gangway log entries.
Crew Incentive Details	Purges Crew incentive entries.
Crew Pictures	Purges all checked-out and cancelled crew accounts picture details.
Guest Document Images	Purges all checked-out and cancelled guest document image.
Queue Information	Purges guests queue details that were entered a specified number of days ago.
Signature Image	Purges all guest/crew checked-out and cancelled accounts signature image.
Completed Work Order	Purges the completed maintenance work order and the associated image file.
Gift Card Accounts	Purges the regular postings for all gift card accounts that checked-out and reservation cancellation.
Gift Card Acc Details	Purges the excursion and excursion waitlist, pre-postings and billing info, amenities and special requests, visa and flights, reservation history and guest history, travel agent info, allergies info, promotion history, credit card info and authorization and settlement info for all gift card accounts. The number of days cannot be greater than the number of days set for Gift Card Accounts.
Gift Card Bill/Item Dtls	Purges the bill view and POS detail items for all gift card accounts and bill view details. The number of days cannot be greater than the number of days set for Gift Card Accounts.
DRS Details	Purges the DRS posting details.
Payroll Information	Purges the contract, pay details, contract details and pay sheet information for all crew accounts payroll details.
Change Log	Purges change, deletion and insertion of audit trail log. Purges the errors or warnings that return from Seaware.
Seaware Error Logs	Purges the errors or warnings that return from Seaware.

Table 3-1 (Cont.) Daily Data Purge Function

Function	Description
Credit Card Data	Purges the orphaned credit card data, authorization and settlement.
Sync Details	Purges the completed sync data to Seaware.
Event Details	Purges event booking, item booking and group booking details.
Crew Document Images	Purges all checked-out and cancelled crew document image.
Housekeeping Details	Purges housekeeping task assignment.
GL Files Details	Purges all generated General Ledger (GL) files.
Abandon Ship Tracking	Purges all records in Abandon Ship Tracking.
General Assembly Tracking	Purges all records in General Assembly Tracking.
Passenger History	Purges all Passenger History records.

Table 3-2 Daily Data Purge Function (Special Section)

Special Edition	Description
Residents purge delay	Include all in one resident accounts and details purging that have the same purging accounts and details as Guest Accounts, Guest Account Details and Guest Bill/Item Details.

Table 3-3 Daily Data Purge Function (Comment Card Data Selection)

Comment Card Data Selection	Description
Use Number of days specified in comment card module.	Defines whether to use the Purges parameter defined in Comment Card module.
Comment Cards	Purges the comment card scanned forms and scanned results for comment card details that were entered specified number of days ago.
Purge blob data only	Purges the comment card scanned forms and scanned results blob files for comment card blob files that were entered a specified number of days ago. There is an option to purges blob data for scanned forms only or both.
Mark form as removed	Marks comment card scanned forms as removed for forms that were entered a specified number of days ago.

Table 3-4 Daily Data Purge Function (Performance)

Performance	Description
Batch Size	Purges the number of entries to delete per batch. The default number of record is 100.
Batch Purge Delay (sec)	Defines the execution time to delay between each batch. The default delay time is 0.2 seconds.

Table 3-5 Daily Data Purge Function (Others)

Others	Description
Purge orphaned records for account details	Allows all orphaned entries to be purged for guest, crew, group, resident and gift card account details.
Purge sync transactions	Purges synchronize transaction records that were entered a specified number of days ago, which have status as successful or failed.
Purge Offboard Generic visitor pictures	Allow generic visitor pictures and document images to be purged when visitor status = shore side.
Log SQL Statement	Enables log of data purges when check System stores files name 'ADPILog_ddmmyyyy.txt' is in Oracle Hospitality Cruise folder.

Setting Up Daily Data Purge

1. From the Interface PC, launch **ADPI** if the program is not running in the background.
2. Navigate to the **Settings** tab, and select **Daily Data Purge**.
3. Under the Data Selection section, select the **check box** of the desired option and modify the days accordingly. The default number of days to keep the data is zero.
4. Click **Apply** and log in when prompted.

The system prompts a Login screen as a confirmation before the changes takes place. Log in with a user account that has permission to change the selection.

Setting Up Cruise End Data Purge

The Data purge processes during the End of Cruise when ADPI interface receives an 'EndOfCruise' command from the Management application. The Cruise End Data purge options are in the table below.

Figure 3-2 Cruise End Data Purge

Table 3-6 ADPI Cruise End Data Purge Setting

Function Name	Description
Routing Instructions	Purges all checked-out guests, crew and groups routing instructions details.
Discounts	Purges all checked-out guests, crew and groups discounts details.
Package Plans	Purges package plan details of the cruise.
Sys Acc Bill/Item Details	Purges system account sales check and posting details item.
Residents purge delay	Purge consist of three types and they are pictures for checked out and reservation cancellation residents, routing instructions for checked-out residents and discounts for checked-out residents.

1. From the Interface PC, launch **ADPI** if the program is not running in the background.
2. Navigate to the **Settings** tab, and select **Cruise End Data Purge**.
3. Under the Data Selection section, select the **check box** of the desired option and modify the days accordingly. The default number of days to keep the data is zero.
4. Click **Apply** and log in when prompted.

The system prompts a Login screen as a confirmation before any changes takes place. Log in with a user account that has permission to change the selection.