

**Oracle® Hospitality Cruise Shipboard Property
Management System**

OHC ADPI User Guide

Release 7.30.871

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Preface

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

The interface program processes asynchronously long running, low priority tasks on a separate computer, preferably a server where it executes its tasks. Data cleaning procedure is initiated by a command from night audit computer upon system date change, based on the frequency of task set up upon installation.

The application cleans data that is a specific number of days old, based on the number of days defined to keep the data before it is purged. Customer is expected to develop adequate backup method that will allow them to restore and access old data that was already purged.

Audience

This document is intended for Ship's System Administrator and/or Application Specialist 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>

Revision History

Date	Description of Change
October, 2016	▪ Initial publication.

Prerequisite, Supported Systems, and Compatibility

This section describes the minimum requirement for IFC ADPI.

Prerequisite

- IFC ADPI.exe

Supported Systems

- Operating System
 - Microsoft Windows 7 - 32-bit/ 64-bit System
 - Microsoft Windows 8 - 32-bit/ 64-bit System
 - Microsoft Windows 10 - 32-bit/ 64-bit System

Compatibility

- SPMS version 7.30.871 or later. For customer operating on version below 7.30.871, database upgrade to the recommended or latest version is required.

1. System Parameter

The following parameter must be setup in **FC Administration, System Setup, Database Parameter** before running ADPI Interface.

PAR_GROUP: Interface

Table 1-1: PAR Group Interface

PAR Name	PAR Value	Description
ADPI Server Name		Specify computer name or IP address of a machine where ADPI is running.

2. User Interface

The ADPI application is comprised of three tabs and they are:

- Messages:* Provides an overview of all messages coming from and being sent to OHC SPMS, and the data processing messages.
- Debug:* Enable detail view of selected messages and for debugging purposes. Each message displayed is also logged into a file named "ADPILog_02072009.txt" and saved in the same folder as the application.
- Settings:* This tab provides installers and users with configuration options, allowing data need to be purged and number of days to keep the data before purging to be defined.

Once setting is configured, users is required to enter a login name and password each time '**Apply**' is pressed, to save the settings in the file *FCSettings.par*. Only changes made by Administrative group users are accepted. '**Process Now**' is pressed when the setting is configured and saved.

Additionally, blinking '*green light*' is an indicator that ADPI is operational and not processing while blinking '*yellow light*' indicates that the interface is currently processing commands.

WARNING: Data purged is not recoverable.

3. ADPI Configuration

This section describes the steps in defining the parameters in ADPI interface according to the Ship’s operation. The number of days specified is the *days to keep the data before the purge*.

Note: Some of the functions correlate to one another. Please pay careful attention to which check box is checked before applying any changes.

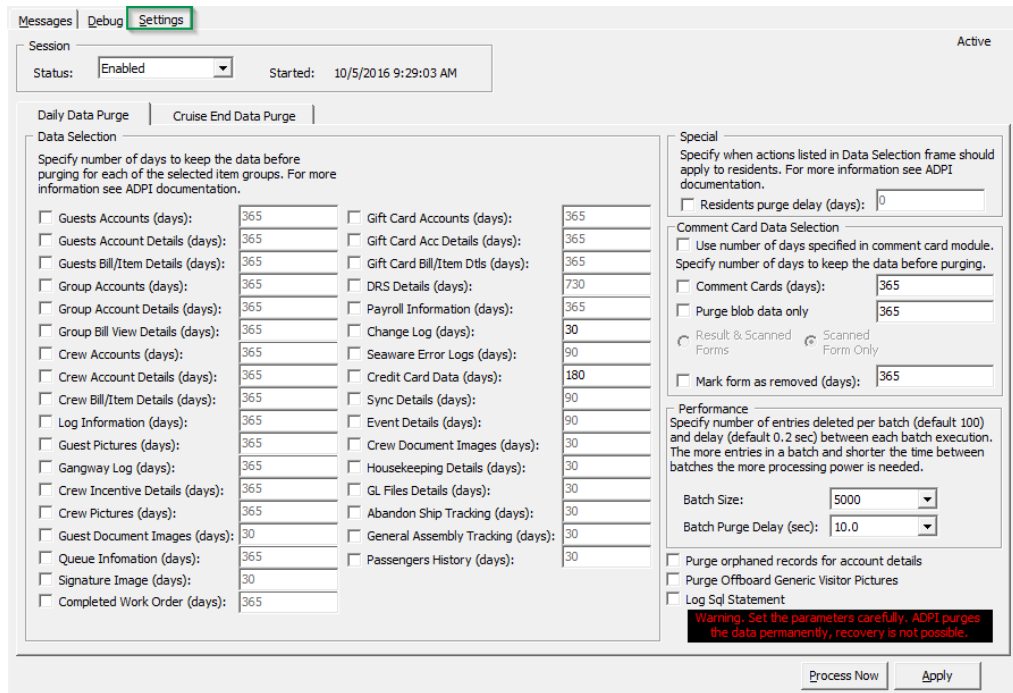


Figure 3-1 - ADPI Daily Data Purge Settings

The Interface has two type of purges:

Daily Data Purge: This purge executes daily when ADPI interface receives ‘EndOfDay’ command from FC Management application after system date change. ADPI will purge only *one day* data that is specific number of days old. Options can be configured to allow different purge date for each items.

Cruise End Data Purge: Data purge will execute during End of Cruise when ADPI interface receives ‘EndOfCruise’ command from FC Management application.

Below are the available options and its description.

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 specific number of days ago.
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 specific number of days ago, number of days cannot be greater than the one set for Guest Accounts.
Guest Bill/Item Details	Purge the bill view, POS detail item, XML guest history and DRS item for all guest accounts bill view details for a specific number of days ago, number of days cannot be greater than the one set for Guest Accounts.
Group Accounts	Purge the regular postings and user defined fields for all groups that checked-out and reservation cancellation specific number of days ago.
Group Account Details	Purge the billing info, travel agent info, credit card info, authorization and settlement info for groups that checked-out specific number of days ago, number of days cannot be greater than the one set for Group Accounts.
Group Bill View Details	Purge the bill view and POS detail item for all group accounts bill view details for a specific number of days ago, number of days cannot be greater than the one set for Group Accounts.
Crew Accounts	Purge the regular postings, user defined fields, crew history info and hotel and bar service charge info that checked-out and reservation cancellation specific number of days ago.
Crew Account Details	Purge the pre-postings, visa info, uniform, training and courses, shore side deny info, crew history and promotion history, cabin change log, warning, allergies info, credit card info, authorization, settlement info, time and attendance info, scheduled crew drill training info and crew comment for crew that checked-out specific number of days ago, number of days cannot be greater than the one set for Crew Accounts.
Crew Bill/Item Details	Purge the bill view and POS detail item for all crew accounts bill view details for a specific number of days ago, number of days cannot be greater than the one set for Crew Accounts.
Log Information	Purge Log entries that were entered specific number of days ago.

Function	Description
Guest Pictures	Purge All guest accounts picture details that were entered specific number of days ago. (Applicable for checked out and reservation cancellation guest only)
Gangway Log	Purge Gangway log entries that were entered specific number of days ago.
Crew Incentive Details	Crew incentive entries that were entered specified number of days ago.
Crew Pictures	All crew accounts picture details that were entered specific number of days ago. (Applicable for checked out and reservation cancellation crew only)
Guest Document Images	Purge all guest document image that were entered specific number of days ago. Applicable for checked out and reservation cancellation crew only.
Queue Information	Guests queue details that were entered specified number of days ago.
Signature Image	All guest/crew accounts signature image that were entered specific number of days ago. (Applicable for checked out and reservation cancellation crew only).
Completed Work Order	Purge the completed maintenance work order and the associated image file that were entered specific number of days ago.
Gift Card Accounts	Purge the regular postings for all gift card accounts that checked-out and reservation cancellation specific number of days ago.
Gift Card Acc Details	Purge 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, authorization and settlement info for all gift card accounts that checked-out specific number of days ago, number of days cannot be greater than the one set for Gift Card Accounts.
Gift Card Bill/Item Dtls	Purge the bill view and POS detail item for all gift card accounts bill view details for a specific number of days ago, number of days cannot be greater than the one set for Gift Card Accounts.
DRS Details	Purge the DRS posting details that were entered specific number of days ago.
Payroll Information	Purge the contract, pay details, contract details and pay sheet information for all crew accounts payroll details for a specific number of days ago.
Change Log	Purge change, deletion, insertion of audit trail log entries that were entered specific number of days ago. Purge the errors or warnings that return from Seaware that were entered specific number of days ago.

Function	Description
Seaware Error Logs	Purge the errors or warnings that return from Seaware that were entered specific number of days ago.
Credit Card Data	Purge the orphaned credit card data, authorization and settlement that were entered specific number of days ago.
Sync Details	Purge the completed sync data to Seaware that were entered specific number of days ago.
Event Details	Purge event booking, item booking and group booking details that were entered specific number of days ago.
Crew Document Images	Purge all crew document image that were entered specific number of days ago. Applicable for checked out and reservation cancellation crew only.
Housekeeping Details	Purge housekeeping task assignment that were entered specific number of days ago.
GL Files Details	Purge all generated GL files that were entered specific number of days ago.
Abandon Ship Tracking	Purge all records in Abandon Ship Tracking that were entered specific number of days ago.
General Assembly Tracking	Purge all records in General Assembly Tracking that were entered specific number of days ago.
Passenger History	Purge all Passenger History records that were entered specific number of days ago.
Special Section	
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.
Comment Card Data Selection	
Use Number of days specified in comment card module.	Define whether to use the purge parameter defined in Comment Card module.
Comment Cards	Purge the comment card scanned forms and scanned results for comment card details that were entered specified number of days ago.
Purge blob data only	Purge the comment card scanned forms and scanned results blob files) for comment card blob files that were entered specified number of days ago. There is an option to purge blob data for scanned form only or both.
Mark form as removed	Mark comment card scanned forms as removed for comment card scanned forms that were entered specified number of days ago.
Performance	
Batch Size	Purge the number of entries to delete per batch. Default number of record is 100.

Function	Description
Batch Purge Delay (sec)	Define the execution time to delay between each batch. Default delay time is 0.2 seconds.
Others	
Purge orphaned records for account details	Allows all orphaned entries purging for guest, crew, group, resident and gift card account details.
Purge syn transactions	Syn records entries that were entered specified number of days ago which status is successful or failed.
Purge Offboard Generic visitor pictures	Allow to purge the generic visitor pictures and document images when visitor status is shore side.
Log SQL Statement	Enable log of data purge when check. System stores files name 'ADPILog_yyyymmdd.txt' in OHC Cruise folder.

3.1. Setting up Daily Date Purge

1. From the *Interface PC*, launch **IFC ADPI** if the program isn't running in the background.
2. Navigate to **Settings** tab, and then select **Daily Data Purge**.
3. Under the Data Selection section, check the desire check box and modify the days accordingly. The default days to keep the data is **0**.
4. Click **Apply** at the bottom right of the screen and re-login when prompt.

Note: System will prompt a login screen as a confirmation before changes takes place. Login with a user that have permission to change the selection. Only changes made by Administrator Group will be accepted.

3.2. Setting up Cruise End Data Purge

Data purge will be executed during end of cruise when ADPI interface receives '*EndOfCruise*' command from FC Management application. Cruise end data purge options are as below.

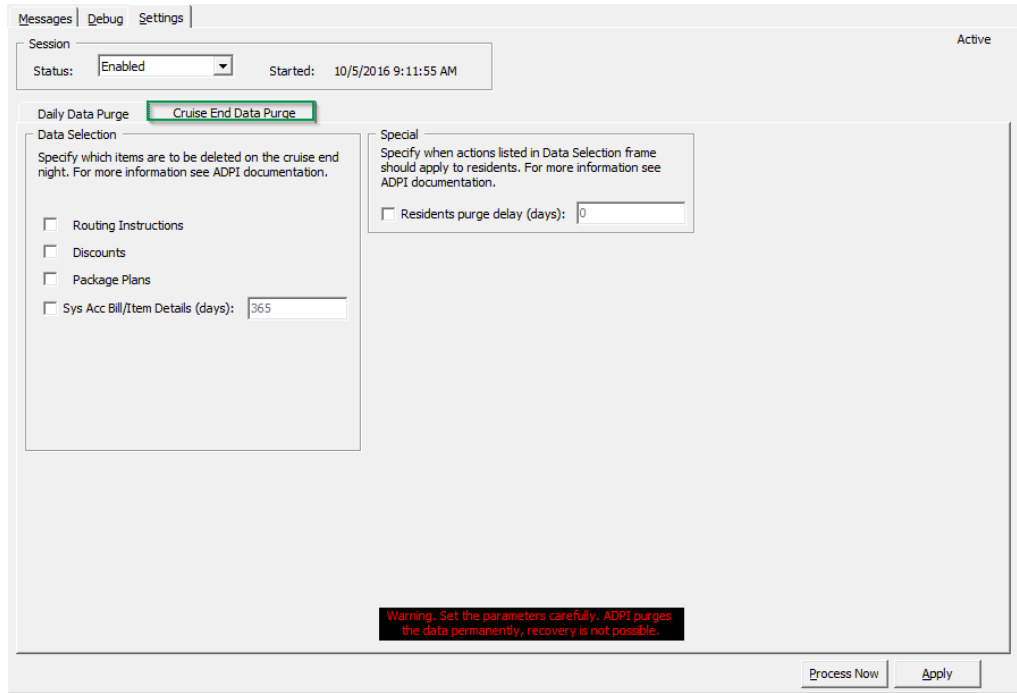


Figure 3-2 - Cruise End Data Purge

Table 3-2: ADPI Cruise End Data Purge Setting

Function Name	Description
Routing Instructions	Purge all checked-out guests, crew and groups routing instructions details.
Discounts	Purge all checked-out guests, crew and groups discounts details.
Package Plans	Purge Package plan details of the cruise.
Sys Acc Bill/Item Details	Purge system account sales check and posting details item.
Residents purge delay	Purge consist of three types of purging, 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 **IFC ADPI** if the program isn't running at the background.
2. Navigate to **Settings** tab, and then select **Cruise End Data Purge**.
3. Repeat step 4 – 5 of the above.

Note: System will prompt a login screen as a confirmation before changes takes place. Login with a user that have permission to change the selection. Only changes made by Administrator Group will be accepted.
