Oracle® Payment Interface

Oracle Hospitality Simphony 2.9 Native Driver
Installation Guide
Release 6.2
E92154-03

March 2019

ORACLE

Contents

Preface

This document describes how to install the Oracle Payment Interface (OPI) Release 6.2 with Oracle Hospitality Simphony Release 2.9 or higher and contains the configuration for both Simphony and the Oracle Payment Interface systems.

Audience

This document is intended for installers and system administrators of the Oracle Payment Interface and the Oracle Hospitality Simphony Point-of-Sale Release 2.9 or higher.

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 and any associated log files
- Screenshots 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/

Revision History

Date	Description of Change
December 2017	• Initial publication
March 2019	• Documentation updates for native driver and tender mapping

1 Simphony Native Driver

Installing the Native Driver

The Simphony native driver provides connectivity functionality between Simphony and OPI. Equivalent functionality was provided by the MGDH software (MICROS Gateway Device Handler) in older versions of Simphony. To use the native driver you must upgrade Simphony to release 2.9 or higher.

Selecting the Native Driver Refund Method

The native driver handles refunds in two ways, one method affects the sales figure in Simphony reports; the other method does not. Choose the appropriate method depending on how you want refund amounts to appear in their Simphony sales reporting.

When configuring OPI, you must also understand how the other credit card interfaces used by the enterprise or property are handling refunds. It may be necessary to match the native driver configuration in order to maintain consistent Simphony reporting to other properties across the enterprise.

Method 1

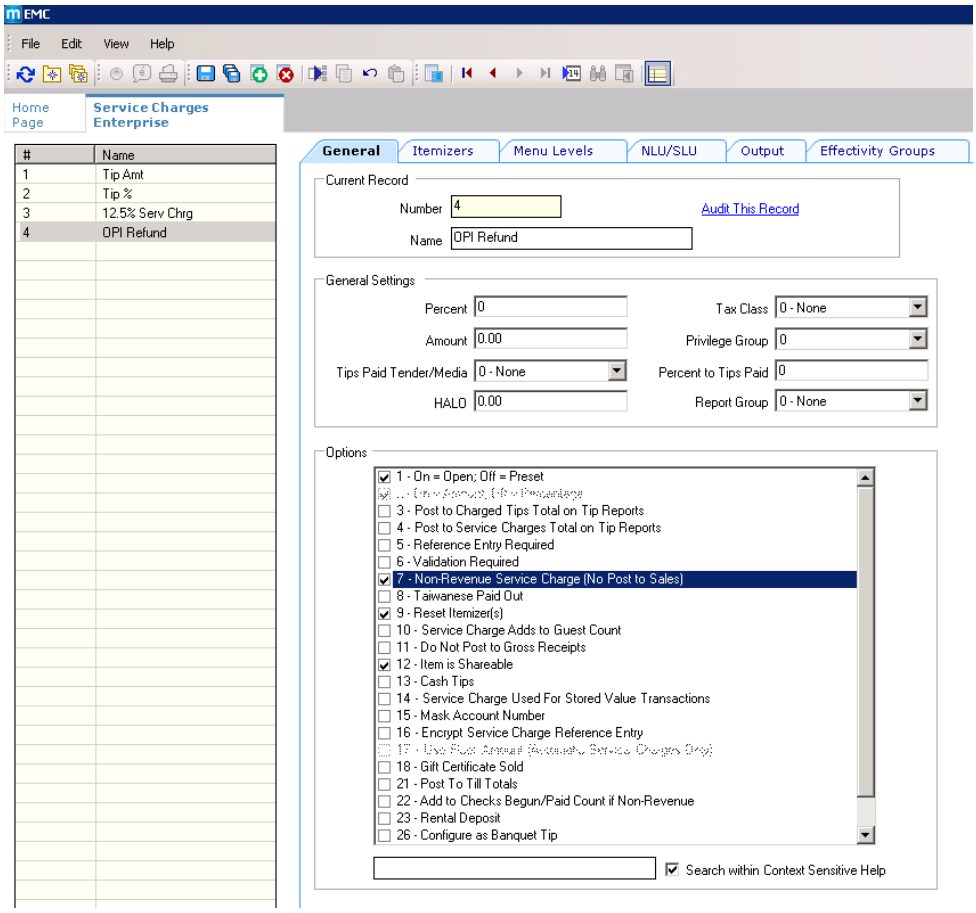
1. Create the refund check value by ringing in a non-revenue service charge.
2. Pay the check using the **Native Driver | CreditCardRefund** function.

Method 2

1. Start a negative check using the **Function | Transaction Void** key.
2. Enter the items to be refunded and raise the negative check value.
3. Pay the check using the **Native Driver | CreditAuthAndPay** function.

You cannot combine steps from the two different methods. For example, creating a negative check and trying to use the **Native Driver | CreditCardRefund** function does not work.

If the non-revenue service charge method is required, configure a non-revenue service charge similar to the following example:



Configuring the Native Driver

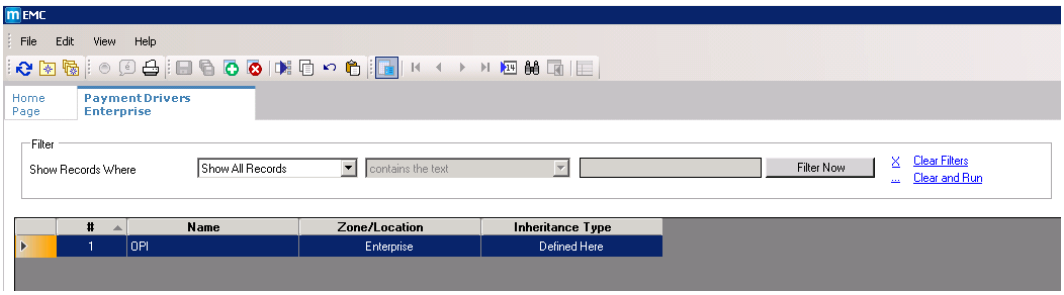
You can configure the native driver in the Enterprise Management Console (EMC). The screenshots and examples in this document refer to the configuration at an enterprise level.

Typically, the OPI host resides at property level. As a result, the host address may be different at each property or RVC, so the native driver configuration may need to be completed at property or the RVC level. In either case, the configuration steps are the same.

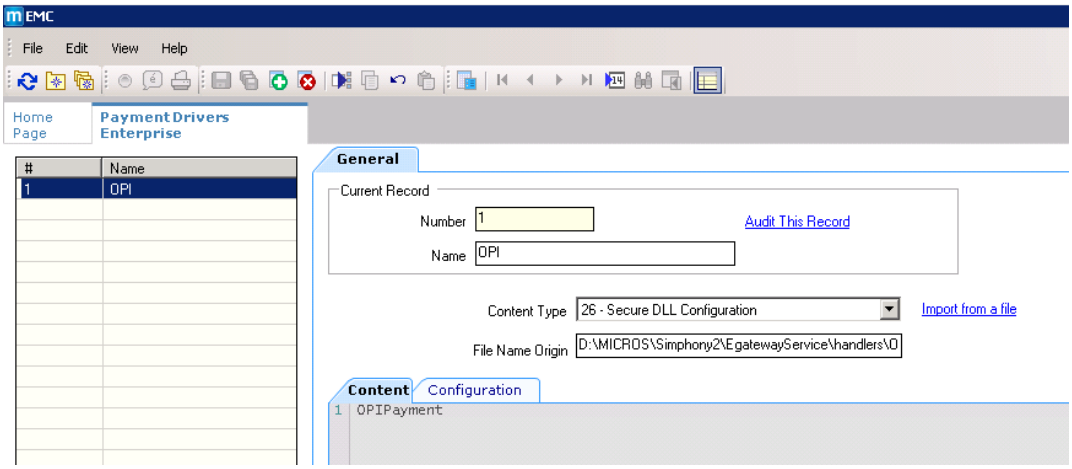
Adding the Payment Driver Configuration

To configure the OPI payment driver:

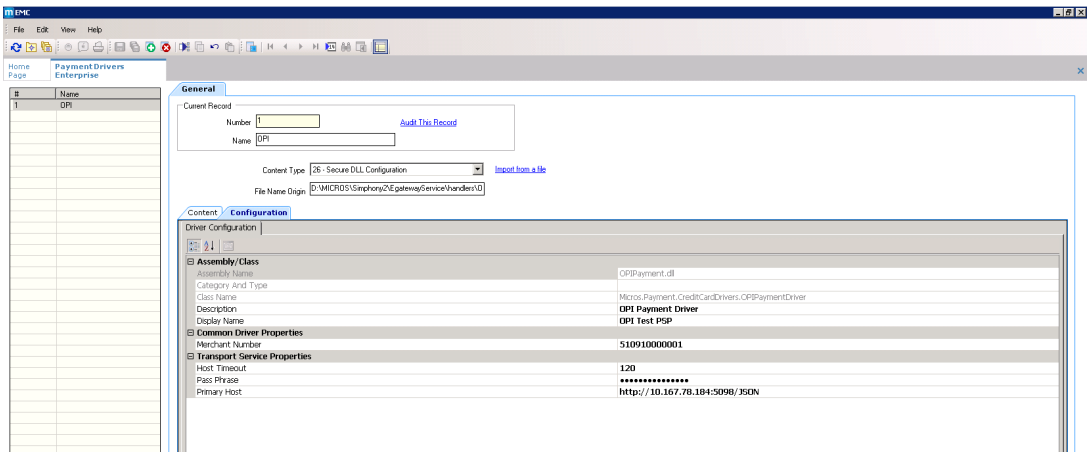
1. Depending if the payment drivers are configured at enterprise, property, or RVC level, select the required level in the locations hierarchy and then navigate to **Setup** | **Payment Drivers.**
2. If a record for the OPI payment driver does not exist, use the green **Insert Record** option.



1. For the initial setup, open the OPI record and select **Import from a file**.
2. Browse to:
   `:\MICROS\Simphony2\EgatewayService\handlers\OPIPayment.dll`
3. Select the **Open** option.



4. Select the **Configuration** tab.



5. Configure the following options in each section.

Assembly/Class

- Display Name: (Mandatory). This value appears in the driver display drop-down list later during the configuration.

Common Driver Properties

- Merchant Number: (Mandatory) The value must match the Device Merchant ID that has been configured in the OPI.

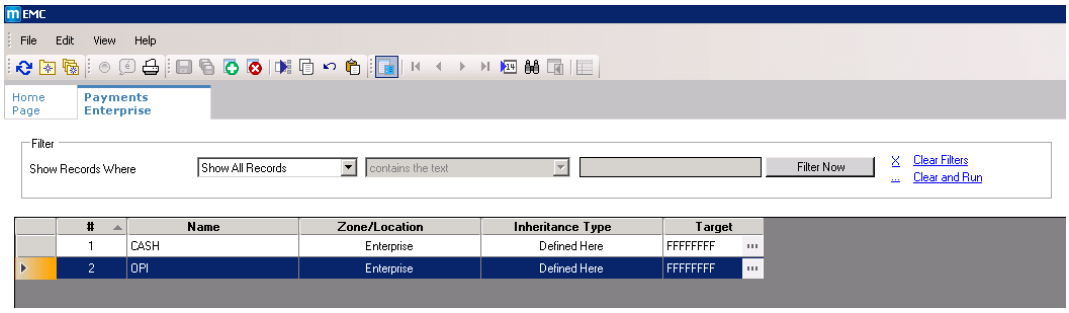
Transport Service Properties

- Host Timeout: (Mandatory) The recommended value is 60 seconds. If the value configured is too low, the Ops client can timeout before a response is received from the payment service provider.
- Pass Phrase: Enter the pass phrase that is configured in OPI.
- Primary Host: Enter the address of the OPI host. The host address must be appended by the port number and the JSON interface.

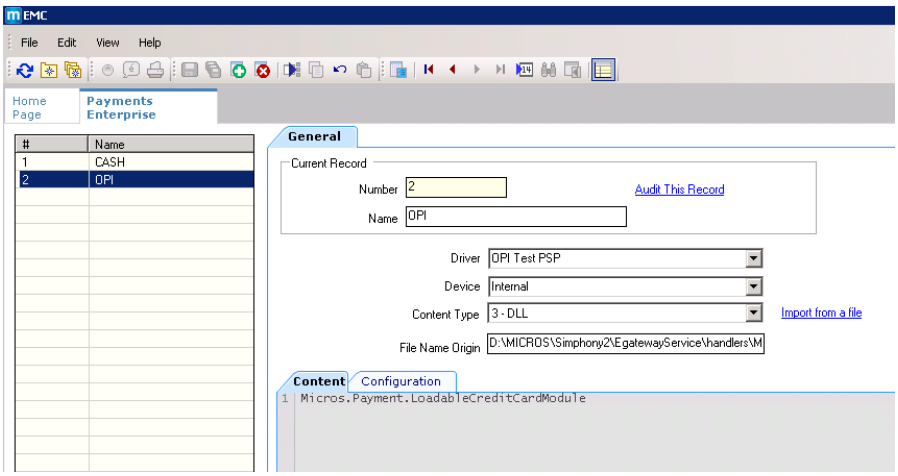
Adding the Payment Module Configuration

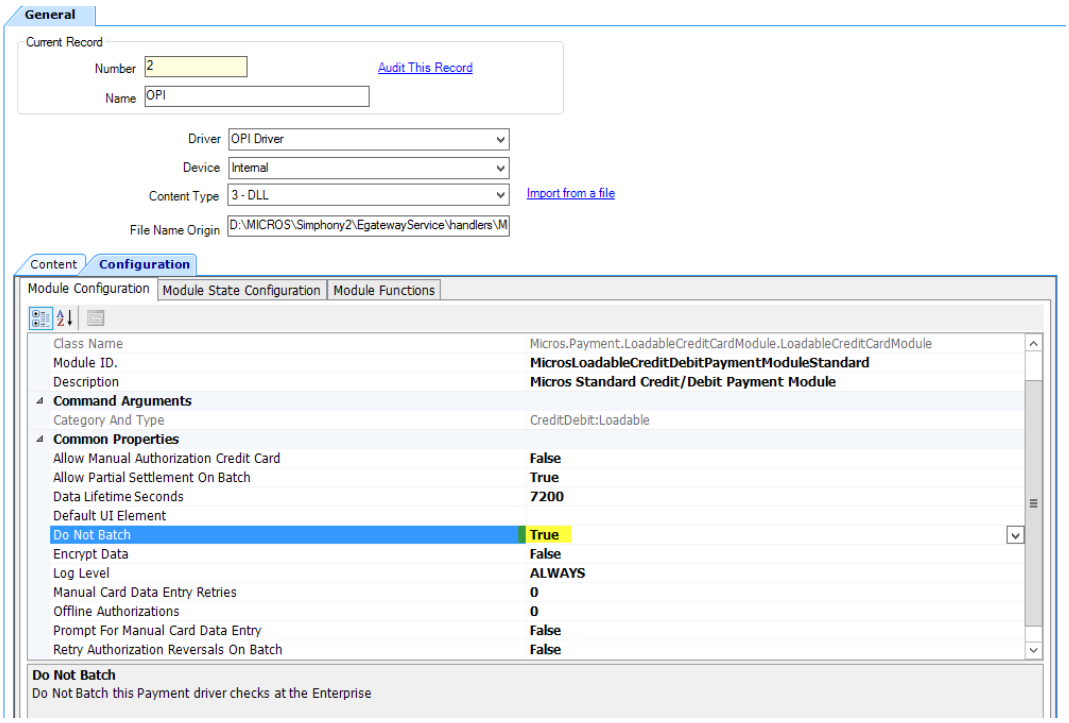
To configure the payment module:

1. Depending if the payment drivers are configured at enterprise, property, or RVC level, select the required level in the locations hierarchy then navigate to **Setup | Payments.**
2. If a record for the OPI payment driver does not exist, use the green **Insert Record** option.



3. For the initial setup, open the OPI record and select **Import from a file**.
4. Browse to `:\MICROS\Simphony2\EgatewayService\handlers\Micros.Payment.LoadableCreditCardModule.dll`
5. Select the **Open** option.
6. Select the **Driver** from the drop-down list of the payment drivers and display name created previously.
7. Use the default settings for the **Device** and **Content Type** drop-down list.
8. Select the **Configuration** tab.





In the Common Driver Properties section, you must configure the following information. If the setting is not listed below, then you must retain the default value and the setting is not used with the OPI integration.

Setting	Description
Allow Manual Authorization Credit Card	This indicates if the manual authorization of credit cards is allowed. You must set this value to True unless the process guidelines state otherwise.

Do Not Batch	You must define this value as True, preventing database tables from filling up with unnecessary data which may cause problems with other Simphony features for example, Clear Totals.

Configuring the Default Payment Card Tender (Pre-Authorization Tender)

With the OPI, the credit card type is not known until the transaction processes and returns to the Point-of-Sale (POS). As a result, you must configure a pre-Authorization Tender/Media record as a placeholder until the transaction is processed. If multiple loadable payment drivers are used in the organization, set the following settings in the properties or revenue centers use OPI.

Tender/Media

1. In the relevant locations hierarchy, navigate to **Configuration | Tender/Media.**
2. Add a new Tender/Media record using the green **Insert Record** option. (This becomes the default OPI Payment.)
3. Provide the **Record Name(s)** for example, Default OPI and select **Ok**.
4. Double-click the newly added Tender/Media row to open.
5. Select the **Options** tab.
6. Configure the following option bits for the OPI Default/Pre-authorization tender.

Tender Section	Area	Parameter	Notes	State
2 - Options	Interface Options	31 - ON=PMS and Credit Cards use 19 Digit Acct Number; OFF=16 Digits		Disable
2 - Options	Credit Card Options	Estimated Tip Percentage	Unsupported in F&B	Disable
2 - Options	Credit Card Options	Base Limit	Obsolete with OPI	Disable
2 - Options	Credit Card Options	Second Limit	Unsupported in F&B	Disable
2 - Options	Credit Card Options	Second Limit Percentage	Unsupported in F&B	Disable
2 - Options	Credit Card Options	Offline Est Tip Percentage	Unsupported in F&B	Disable
2 - Options	Credit Card Options	Unauthorized Authorization Threshold	Obsolete with OPI	Disable

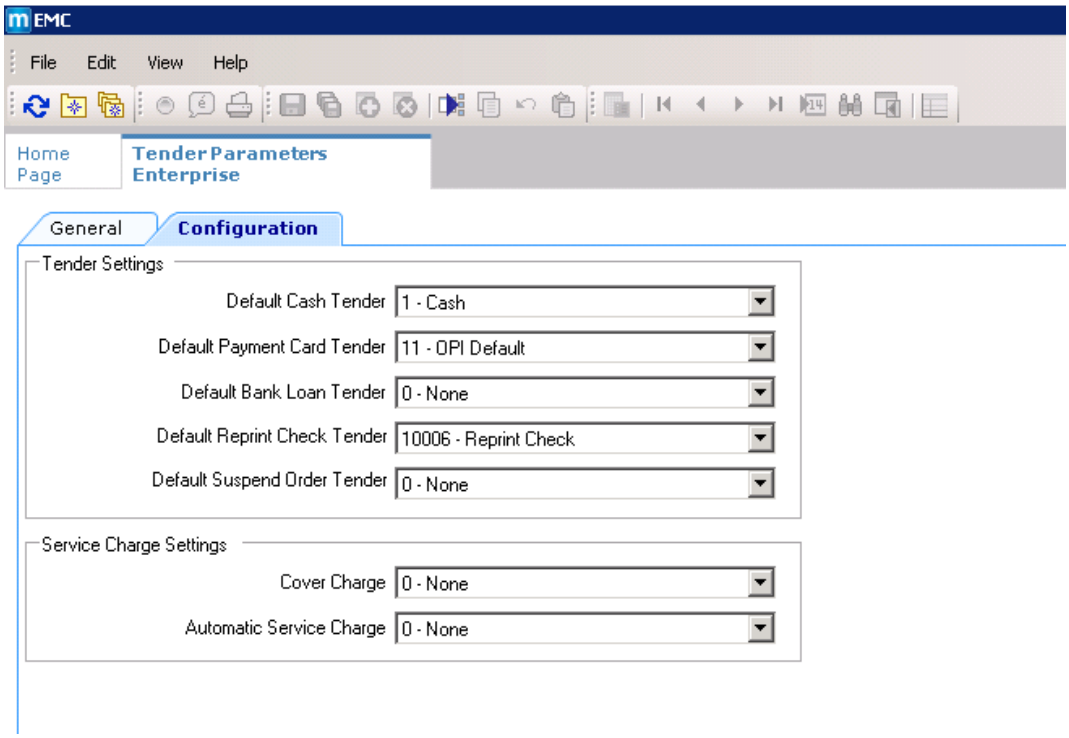
Tender Section	Area	Parameter	Notes	State
2 - Options	Credit Card Options	CA Offline Limit	Obsolete with OPI	Disable
2 - Options	Credit Card Options	Preambles 1 - [n]	Leave blank for Pre-Authorization Tender	NULL
2 - Options	Credit Card Options	7 - Use with Credit Card Recall	Obsolete with OPI	Disable
2 - Options	Credit Card Options	17 - Check Credit Card Expiration Date	Obsolete with OPI	Disable
2 - Options	Credit Card Options	27 - Credit Card Validity Test	Obsolete with OPI	Disable
2 - Options	Credit Card Options	34 - Prompt for Debit or Credit Card	Obsolete with OPI	Disable
2 - Options	Credit Card Options	49 - Require Credit Card Start Date	This information will be collected at the Electronic Payment Device (EPD)	Disable
2 - Options	Credit Card Options	50 - Require Credit Card Issue Number	This information will be collected at the Electronic Payment Device (EPD)	Disable
2 - Options	Credit Card Options	51 - No Credit Card Length Check	Obsolete with OPI	Disable
2 - Options	Credit Card Options	60 - Do Not Retain Cardholder's Name	Obsolete with OPI	Disable
2 - Options	Credit Card Options	61 - Require AVS on Manual Entry	Processor Defined	Disable
2 - Options	Credit Card Options	62 - Require AVS on Auto Swipe	Processor Defined	Disable
2 - Options	Credit Card Options	63 - AVS Must be Full Address	Processor Defined	Disable
2 - Options	Credit Card Options	64 - Require CVV on Manual Entry	Processor Defined	Disable

Tender Section	Area	Parameter	Notes	State
2 - Options	Credit Card Options	65 - Require CVV on Auto Swipe	Processor Defined	Disable
2 - Options	Credit Card Options	80 - Enable Partial Authorization	This information is not defined in the SSL configuration. Partial Auth is controlled on the PSP side.	Disable
2 - Options	Ops Behavior > Amount Options	2 - Amount Required		Recommended Disable
2 - Options	Ops Behavior > Amount Options	3 - Assume Paid in Full		Disable
2 - Options	Ops Behavior > Security Options	68 - Mask Account Number		Disable
2 - Options	Charge Tip Options	9 - Charged Tip Required		Disable
2 - Options	Charge Tip Options	36 - ON = Charged Tip Must Be Less Than Pmt; OFF = Any Amount	Option bit cannot be enforced when OPI is active.	Disable
2 - Options	Miscellaneous Options > Signature Capture Options	Default Tip %	Unsupported in F&B	Disable
2 - Options	Miscellaneous Options > Signature Capture Options	58 - Enable Signature Capture	Inclusion is provided by processor.	Disable

Configuring the Tender Parameters

To configure the Tender Parameters:

1. In the Locations hierarchy, navigate to the relevant **Setup | Tender Parameters.**
2. Select the **Default Payment Card Tender** from the drop-down list of Tender/Media records that are configured as payment types.
3. Select the OPI Default tender that was configured in previous steps.
4. If the customer uses the reprint functions, select an option for the **Default Reprint Check Tender**.



Configuring the Payment Tenders

This section assumes that the Credit Card Payment Tenders have already been configured and are defined at the Enterprise Level. Depending on the customer's specific setup the Tender Media overrides may be required if OPI native drivers are not used at every property or RVC.

To configure the credit card tenders:

1. Select the **Options** tab.
2. Configure the following option bits for the Credit Card Tenders to use with OPI.

Tender Section	Area	Parameter	Notes	Disable?
2 - Options	Interface Options	31 - ON=PMS and Credit Cards use 19 Digit Acct Number; OFF=16 Digits		Disable Option Bit
2 - Options	Credit Card Options	Estimated Tip Percentage	Unsupported in F&B	Disable Option Bit
2 - Options	Credit Card Options	Base Limit	Obsolete with OPI	Disable Option Bit

Tender Section	Area	Parameter	Notes	Disable?
2 - Options	Credit Card Options	Second Limit	Unsupported in F&B	Disable Option Bit
2 - Options	Credit Card Options	Second Limit Percentage	Unsupported in F&B	Disable Option Bit
2 - Options	Credit Card Options	Initial Authorization Amount	Part of default tender configuration only	Disable Option Bit
2 - Options	Credit Card Options	Offline Est Tip Percentage	Unsupported in F&B	Disable Option Bit
2 - Options	Credit Card Options	Unauthorized Authorization Threshold	Obsolete with OPI	Disable Option Bit
2 - Options	Credit Card Options	CA Offline Limit	Obsolete with OPI	Disable Option Bit
2 - Options	Credit Card Options	7 - Use with Credit Card Recall	Obsolete with OPI	Disable Option Bit
2 - Options	Credit Card Options	17 - Check Credit Card Expiration Date	Obsolete with OPI	Disable Option Bit
2 - Options	Credit Card Options	27 - Credit Card Validity Test	Obsolete with OPI	Disable Option Bit
2 - Options	Credit Card Options	33 - Require Credit Auth Before Service Total	Part of default tender only	Disable Option Bit
2 - Options	Credit Card Options	34 - Prompt for Debit or Credit Card	Obsolete with OPI	Disable Option Bit
2 - Options	Credit Card Options	49 - Require Credit Card Start Date	This information is now collected at the device	Disable Option Bit
2 - Options	Credit Card Options	50 - Require Credit Card Issue Number	This information is now collected at the device	Disable Option Bit

Tender Section	Area	Parameter	Notes	Disable?
2 - Options	Credit Card Options	51 - No Credit Card Length Check	Obsolete with OPI	Disable Option Bit
2 - Options	Credit Card Options	60 - Do Not Retain Cardholder's Name	Obsolete with OPI	Disable Option Bit
2 - Options	Credit Card Options	61 - Require AVS on Manual Entry	Processor Defined	Disable Option Bit
2 - Options	Credit Card Options	62 - Require AVS on Auto Swipe	Processor Defined	Disable Option Bit
2 - Options	Credit Card Options	63 - AVS Must be Full Address	Processor Defined	Disable Option Bit
2 - Options	Credit Card Options	64 - Require CVV on Manual Entry	Processor Defined	Disable Option Bit
2 - Options	Credit Card Options	65 - Require CVV on Auto Swipe	Processor Defined	Disable Option Bit
2 - Options	Credit Card Options	80 - Enable Partial Authorization		Disable Option Bit
2 - Options	Ops Behavior > Security Options	68 - Mask Account Number		Disable Option Bit
2 - Options	Charge Tip Options	36 - ON = Charged Tip Must Be Less Than Pmt; OFF = Any Amount	This option bit cannot be enforced when OPI is active.	Disable Option Bit
2 - Options	Miscellaneous Options > HALO Options	HALO Code	Part of default tender only	Disable Option Bit
2 - Options	Miscellaneous Options > HALO Options	18 - Enable HALO	Part of default tender only	Disable Option Bit
2 - Options	Miscellaneous Options > HALO Options	19 - ON=Use HALO on Amount Entered; OFF=Amount Overtendered	Part of default tender only	Disable Option Bit

Tender Section	Area	Parameter	Notes	Disable?
2 - Options	Miscellaneous Options > Signature Capture Options	Default Tip %	Unsupported in F&B	Disable Option Bit
2 - Options	Miscellaneous Options > Signature Capture Options	58 - Enable Signature Capture	Inclusion is provided by processor.	Disable Option Bit
2 - Options	Credit Card Options	Preambles 1 - [n]	Used to map the OPI payments to specific card types in Simphony	Refer to Table below

Credit Card Preambles

OPI uses the following preambles for the credit card payment types. These preambles are the internal POS Card Type numbers for OPI and are not the typical first six numbers of the Primary Account Number (PAN). Ensure the length of each preamble is also specified in the tender's configuration record.

Tender Media	Preamble	Preamble Length
Visa	0*	1
Visa PIN Credit	12*	2
Visa Electron	17*	2
Visa Debit	18*	2
VPay	20*	2
MasterCard	1*	1
MasterC Debit	24*	2
MasterCard PIN Credit	13*	2
American Express	2*	1
Discover	26*	2
Diners	3*	1
JCB	4*	1
Store Value Card (SVC)	7*	1
Maestro	19*	2
Gift Card	8*	1
Point	9*	1
CUP	10*	2
CUP Debit	14*	2
Debit	11*	2
Interac	15*	2
UKDM/Switch	16	1
VPAY	20*	2
Alliance	21*	2

Tender Media	Preamble	Preamble Length
ecChip	22*	2
GiroCard	23*	2
Bank Card	25*	2
Pay Pal	27*	2

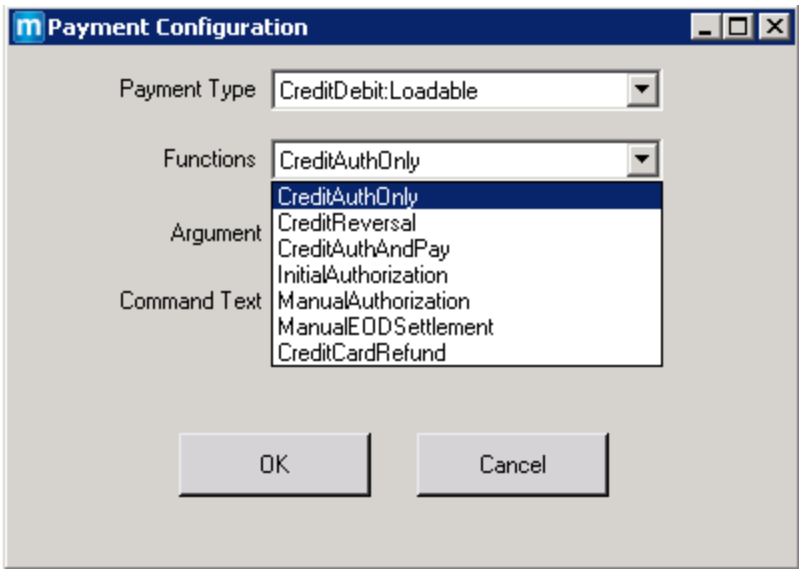
Note: Preambles are no longer needed in Oracle payment interface. This is controlled by payment service provider.

Configuring the Page Design

The credit card functionality is a combination of functionality provided by the OPI native drivers and core Simphony functionality.

To set up the front of house pages and buttons to use with the OPI payment card driver:

1. Navigate to **Configuration** | **Page Design**.
2. To open the page, double-click the row.
3. Click the Insert (+) button to add a new credit card function button for the payment card driver.
4. In the General tab, select **Payment Tenders** from the type drop-down list.
5. Directly under the Payment Tenders drop-down, click the black arrow.
6. On the *Select Tender/Media Payment* window, select **None** or the desired payment tender, and then select **Ok**.
7. On the Payment Configuration window, select **CreditDebit:Loadable** for the Payment Type and your desired function in the functions drop-down list. Select the **Ok**.
8. Position and size the button wherever you want to place it on the page.
9. In the **Legend** field, type the name of the button.
10. Repeat the configuration steps for any additional supported functions.
11. Save the changes and close the **Page Design** tab.
12. Update the database on the Ops clients for the screen design changes to appear on the workstations.



The following functions are provided by the native drivers.

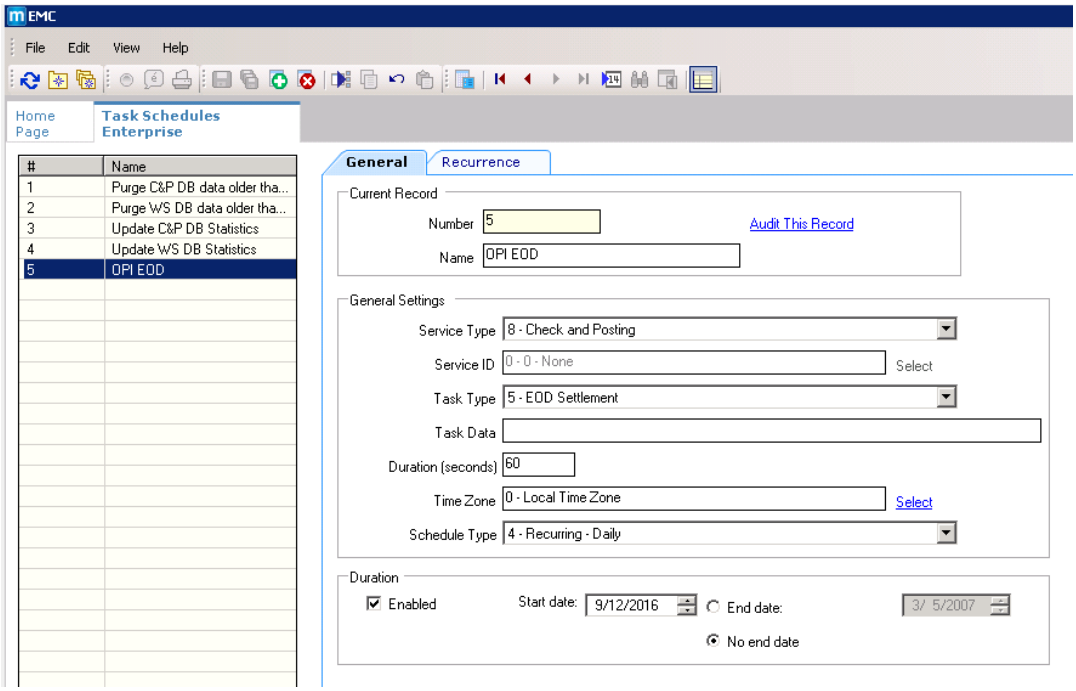
Function	Description
CreditAuthOnly	This function obtains an authorization for the check value when the guest is ready to pay the bill.
CreditReversal	Internal function used by the native driver to handle an authorization release and void functionality. This is not a function that can be called manually, this function should not be linked to a touchscreen button.
CreditAuthAndPay	This function obtains an authorization and final transaction in one transaction, also known as a Sale transaction. This function is intended for counter service where the guest is present at the workstation and completes the payment on the PED (PIN Entry Device).
InitialAuthorization	This function allows the user to try authorizing a specific amount and may not reflect the value of the check. These transactions can be settled at a later time and do not require the credit card to be present.
ManualAuthorization	Use this function in situations when a transaction was attempted and a voice referral is returned. The Manual Authorization function is used to send the transaction to the payment service provider and can include the manual Authorization Code that was provided over the phone. This enables the payment service provider to include the pre-approved authorization code in their authorization transaction.

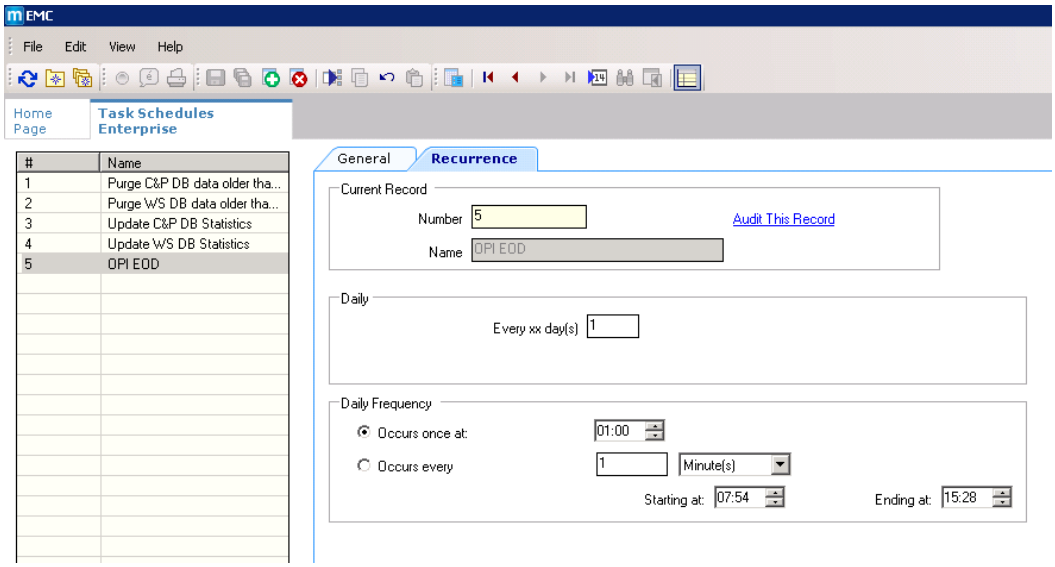
Function	Description
ManualEODSettlement	The Manual End-of-Day (EOD) Settlement function allows the user to send a message to the payment service provider indicating any un-batched transactions, up to the point when the button is pressed, should be marked as ready for settlement. This function can be used if the scheduled EOD did not run properly.
CreditCardRefund	Use this transaction to settle Non-Revenue Service Charge refund checks only. The Native Driver Refunds section contains more information. Depending on how the system is configured, you can also require some of the following buttons to use in conjunction with the native driver functions.
Function | CCard Finalize	This key finalizes a credit card through the Simphony system. This function key posts the previously-authorized credit card to the check as a payment typically closing the check, unless an amount less than the check total was entered first.
Function | Reprint Closed Check	Use this function to reprint the Guest Check of a closed transaction.
Function | Reprint Previous Closed Check	Use this function to reprint the receipt for the last check that was closed on the workstation.
Function | Popup Numeric Keyboard	This function causes the default numeric keypad screen to appear.
Function | Credit Voucher Reprint	This key reprints a credit card voucher.
Function | Adjust Closed Check	Use this key to adjust closed checks for the current business day. When a check is adjusted, the tenders and service charges on the check can be edited but the check itself is not reopened.
Function | Void	Use this key to void items from the check such as Authorization or Final Tenders. Items can be voided by pressing this key twice (last item is removed), pressing Void and then entering a menu item, or selecting an item in the check detail and then pressing Void.
Function | Transaction Void	This key is used to place the workstation into Void mode after pressing this key, every menu item purchased is a voided menu item.
Service Charge | Non-Revenue Service Charge Record	May be required depending on Refund Method selected. Refer to NATIVE DRIVER REFUNDS .

Scheduling the End-of-Day

To schedule the End-of-Day task:

1. Navigate to **Configuration | Task Schedules**
2. Use the green plus symbol to add a new record for the OPI EOD.
3. Open the record and define the General and Recurrence values for the following options:
   - From the **Service Type** drop-down list, select **Check and Posting.**
   - From the **Task Type** drop-down list, select the **EOD Settlement**.
   - From the **Schedule** type drop-down list, select **Daily.**
4. Select the **Enabled** checkbox, to enable the task.
5. Enter the date using the format MM/DD/YYYY.

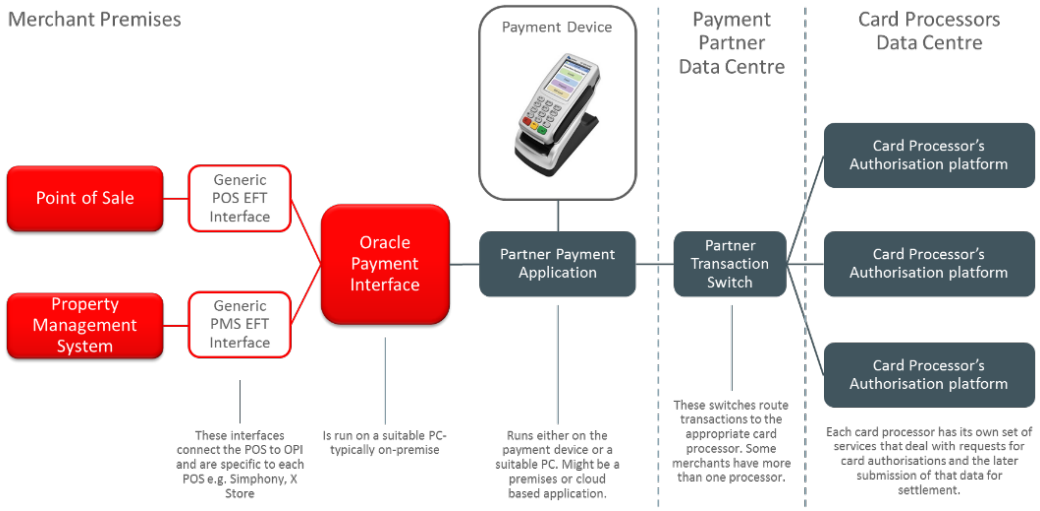



EMC
File
Edit
View
Help
Home Page
Task Schedules Enterprise
Name
1 Purge C&P DB data older tha...
2 Purge WS DB data older tha...
3 Update C&P DB Statistics
4 Update WS DB Statistics
5 OPI EOD
General
Recurrence
Current Record
Number 5
Audit This Record
Name OPI EOD
Daily
Every xx day(s) 1
Daily Frequency
Occurs once at: 01:00
Occurs every 1 Minute(s)
Starting at: 07:54
Ending at: 15:28

2 Oracle Payment Interface

Introduction

The Oracle Payment Interface installs on premise and connects to third-party payment service providers (PSP) to process financial transactions from the Oracle Hospitality POS systems and the OPERA Property Management Systems.



Supported Currencies

OPI supports the following currencies.

AUD – Australian Dollars
CNY - China Yuan Renminbi
EUR - European Union
FJD – Fiji Dollars
IDR - Indonesia Rupiah
GBP – UK Pound Sterling
HKD - Hong Kong Dollars
INR - India Rupee
JPY - Japanese Yen
KRW – South Korea Won
LKR - Sri Lanka Rupee
NZD - New Zealand Dollar
MOP – Macau Pataca
MYR - Malaysia Ringgit
MVR - Maldives Rufiyaa
PHP - Philippines Peso
PLN – Poland
SGD – Singapore Dollars
SEK – Sweden
THB - Thailand Baht

TWD - Taiwan Dollar
USD – US Dollars
CAD – Canadian Dollar
FRF - French Franc
DEM - Deutsche Mark
MXN - Mexican Peso
QAR - Qatari Rial
CHF - Swiss Franc
DKK - Danish Krone
HUF - Hungary Forint
ISK - Iceland Krona
KWD - Kuwaiti Dinar
LYD - Libyan Dinar
NOK - Norwegian Krone
ZAR - South African Rand
AED - UAE Dirham

Installing the OPI

IF UPGRADING OPI, YOU MUST READ THE UPGRADING THE OPI SECTION FIRST.

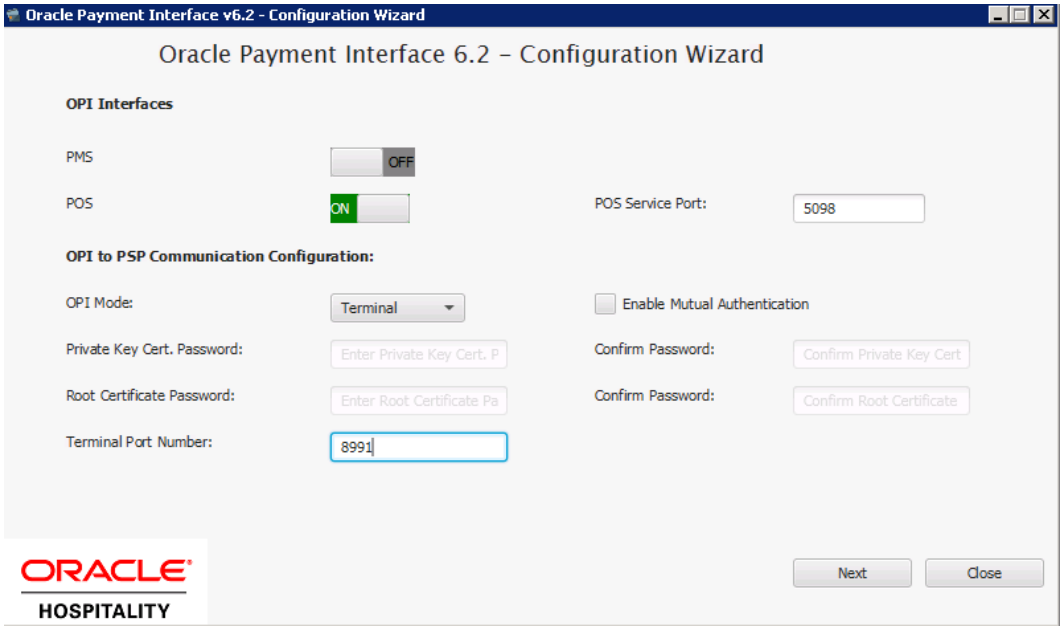
Note: Oracle Payment Interface requires at least 6 GB of free disk space to complete the installation.

To install Oracle Payment Interface:

1. Run the `OraclePaymentInterfaceInstaller_6.2.0.0.exe` file.
2. Select the Language for the Installation, and then click **OK**
3. Click **Next. The** Install Wizard shows OPI Prerequisites, information related to your system.
4. Select the setup type to install. Select **Complete** All Programs features will be installed.
5. Click **Next**. Choose destination location.
6. Click **Next,** and then click **Install** to begin the installation.
7. Select the Database being used.
8. Enter Database info, and then click **Next**
9. Enter Database server DBA user Login ID and Password.
10. Create a new database user account that will be used by OPI application
11. Create the Super User account for the Configuration Tool.
12. Enter the Configuration Tool connection settings.
13. Enter the Configuration Tool passphrase, and then select **Next**
14. After OPI installs, the configuration wizard starts.

Configuring OPI

1. Select **POS** and **Native Driver**.
2. Enter the passphrase which will be used by OPI to authenticate POS connections.
3. Enable the relevant merchant type.



4. Select the OPI Mode. The OPI Mode depends on the partner payment service provider and uses the following guidelines:

Terminal Mode

- OPI maintains the mapping between the POS workstation number and terminal IP address.
- You can configure the terminal mapping during the OPI configuration process.

Middleware Mode

- The partner maintains the mapping between the POS workstation number and terminal IP address.
- All communication is sent to the Middleware Host.

5. Click **Next**. Add POS Merchant by clicking on + button.
6. Confirm the POS type to configure the POS Merchant and select Merchant type.
7. Enter the Device Merchant ID for the merchant. The Merchant ID must match the value configured in **EMC** | **Payment Drivers** | **Configuration** | **Common Driver Properties**| **Merchant Number**
8. Enter the **Merchant Name** and **Merchant City Merchant state** and select the **Merchant Country,** and then click **Next**.
9. Add Merchant Terminal Configuration.

10. On the Terminal Configuration screen, enter the **Workstation ID** from the Enterprise Management Console and the PED Devices IP address, and then click **Next.**
11. Repeat the steps for each required TCP/IP device.
12. After all terminals are mapped, click **Next**.
13. Click **Close** to complete the installation.
14. Click **Finish** to restart the computer.

Upgrading the OPI

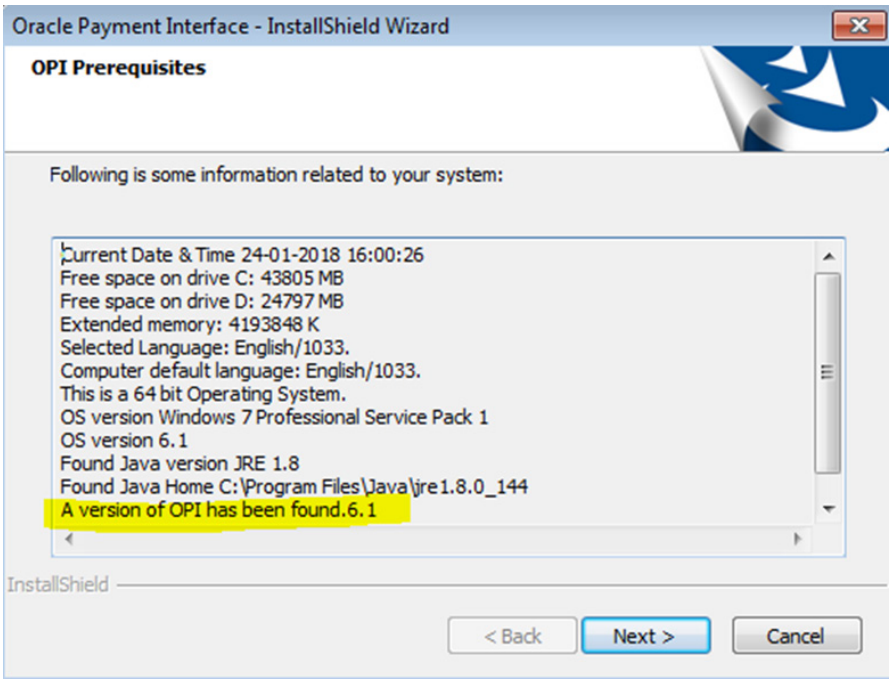
VERY IMPORTANT: Read and follow the upgrade directions.

Note: OPI 6.1 and higher can be upgraded to OPI 6.2.

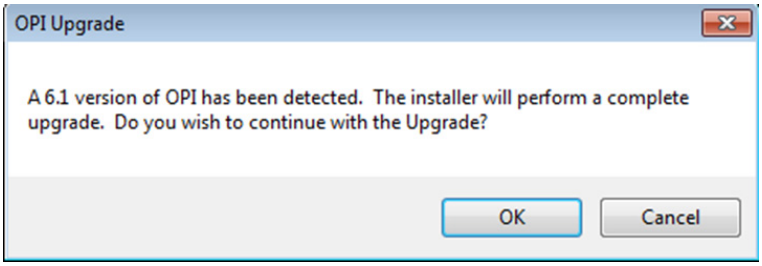
OPI Upgrade Steps

1. Right-click and Run as Administrator the OraclePaymentInterfaceInstaller_6.2.0.0.exe file to perform an upgrade.
2. Select a language from the drop-down list, and then click **OK**.
3. Click **Next** on the *Welcome* screen to proceed with the installation.

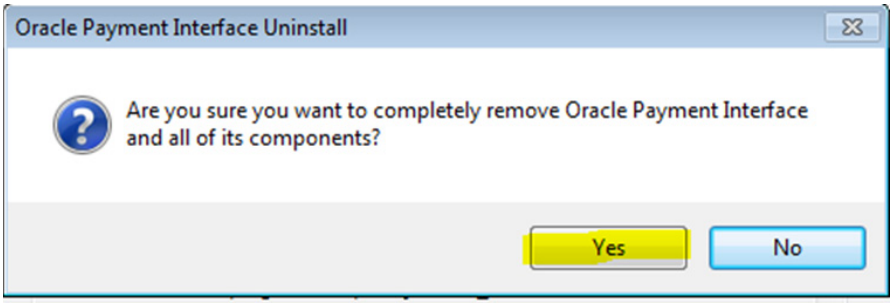
   Prerequisites for the installation will be checked, including the required free drive space, details of the host environment, and the Java version that is present.



4. Click **Next** on the *OPI Prerequisites* screen.



5. Click **OK** on the *OPI Upgrade* screen.



6. **WARNING!** You must click **Yes**.

   IF YOU CLICK **NO**, YOU WILL HAVE BOTH OPI 6.1 AND OPI 6.2 INSTALLED AND NEITHER WILL WORK.

   Explanation: OPI will migrate the existing MySQL configuration information, but all previous OPI applications will be removed before the new files are installed.

7. Choose a Destination Location. Accept the default installation location or click **Change…** to choose a different location.

8. Click **Next**.

   The R*eady to Install the Program* screen displays.

9. Click **Install**.

   The *Setup Status* screen displays for a few minutes.

   Setup Type

   For database type, select **MySQL**. No other database type is supported for upgrades.

   Database Server

   Name/IP – The Hostname or IP Address used for communication to the MySQL database. This must be left at the default of localhost.

   Port # – The Port number used for communication to the database

   Database Server Login

   DBA user
   Login ID: root
   Password: root user password for MySQL database.

Database User Credentials

User Name: This must be a new user name. It cannot be the same user from the 6.1 install.
Password: Password for the new database user.

Configuration Tool Superuser Credentials

User Name: This can be any user name. It does not have to be a Windows account user.
Password: Create a password, and then confirm it.

Configuration Tool Connection Settings

Host: May be left at 127.0.0.1 if the OPI configuration server is installed on this PC. Otherwise, specify the name or IP address of the PC where the OPI configuration server will be installed.
Port: Leave at 8090.

Configuration Tool Passphrase

Enter and confirm a passphrase.
Click **Next**.
The *Configuration Wizard* launches.
Continue to follow on-screen directions, verifying settings as you go.

POS Merchants

On the *Merchants* screen, click the wrench icon to the right of the existing merchant.
Verify the merchant settings are correct.

Merchant Pay At Table Configuration

If using Pay@Table, review the tender settings carefully as there are new fields that will not be pre-populated from the previous OPI install.

Continue to follow the on-screen directions.

InstallShield Wizard Complete

Click **Finish** to allow a reboot.
If you cannot immediately reboot, you must stop and then start the OPI Service for the current settings to take effect.

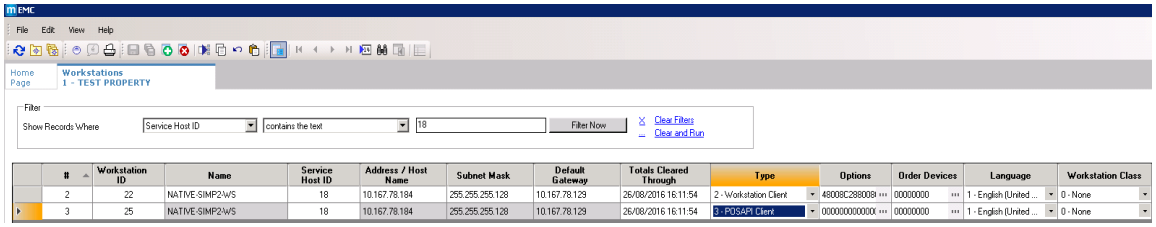
3 Pay@Table

Configuring Simphony for Pay@Table

Configuring the POSAPI

The Simphony 2.9 POSAPI Workstation runs as a second workstation instance on the same Service Host ID. You can no longer change the Workstation Type to POSAPI as you could in previous versions of Simphony. The exception to this is if the POSAPI runs on a machine that does not require OPS.

In the Enterprise Management Console Workstation, add a record when prompted to select the Service Host ID of the Workstation where the POSAPI needs to run and set the Type to the POSAPI client. If the POSAPI machine is not available, Pay@Table will not work.

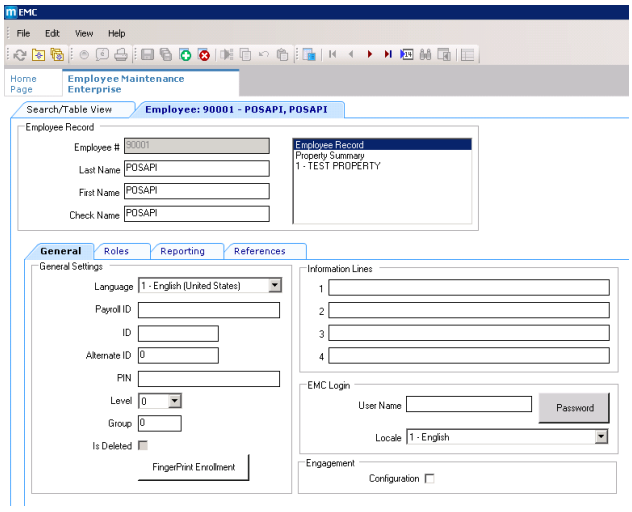


Check and Posting

Calls from OPI to the POSAPI retrieve the check information from the CAPS database. If your CAPS machine is not available, Pay@Table will not work.

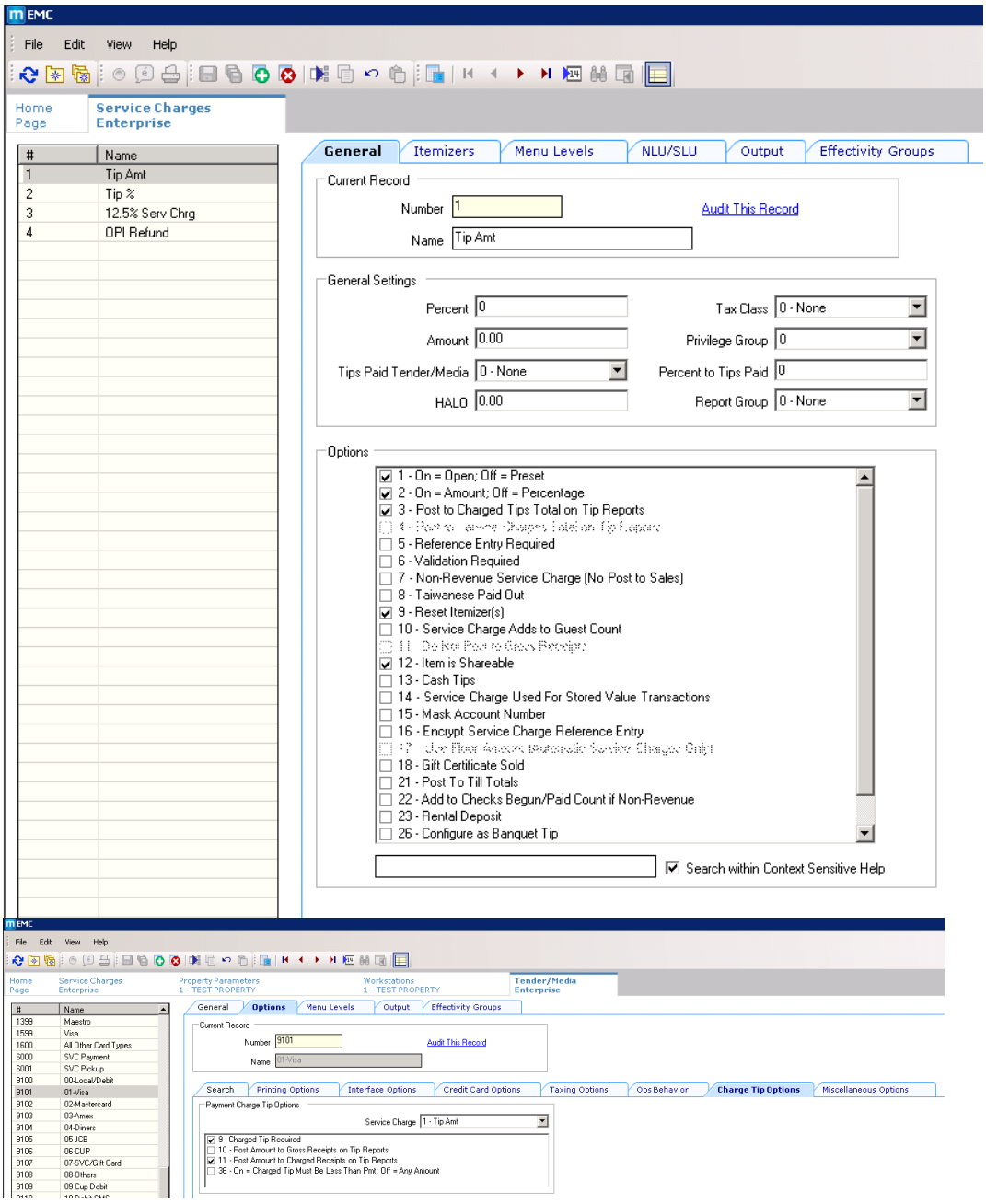
Employee

OPI needs the object number of a Simphony employee to use to retrieve check values. It is not required for the employee to have an ID for signing into OPS.



Gratuities

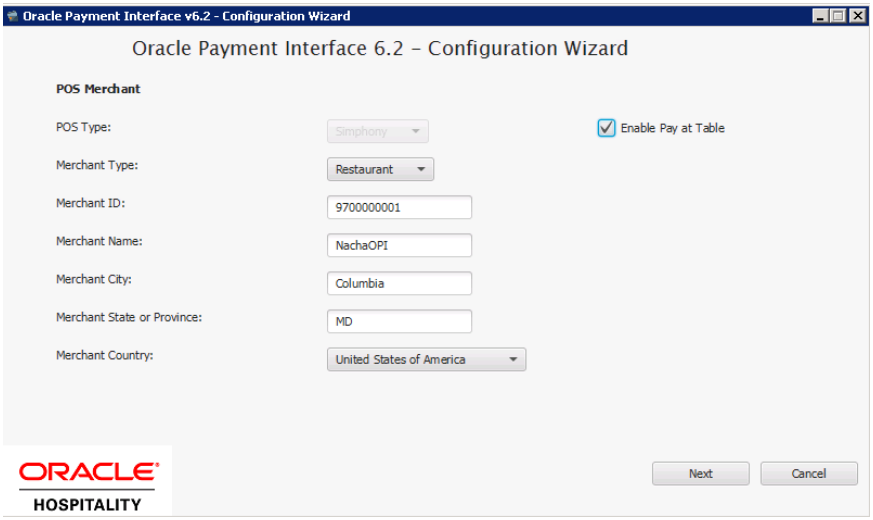
If the Tip prompt is enabled on the Pay@Table devices, then a gratuity record must be linked to the Tender Medias in Simphony EMC. The charged tip configuration options on the Tender Media and the Tip records must be similar. For example, if the Option Post to Charged Tips Total on Tip Reports is enabled on the Tender/Media record, the option must also be enabled on the relevant Service Charge Tip record.



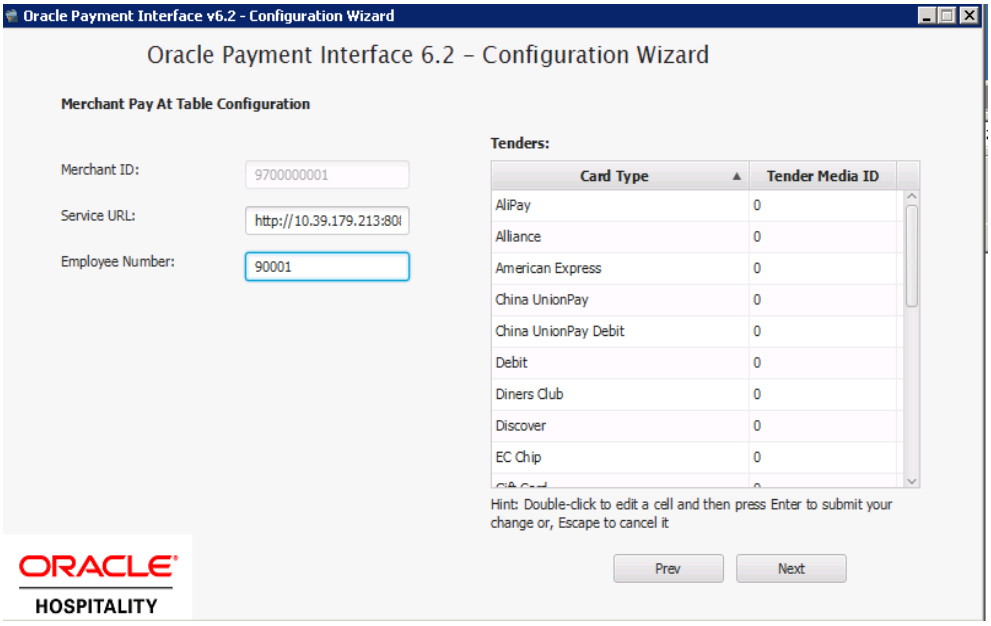
Configuring OPI Pay@Table

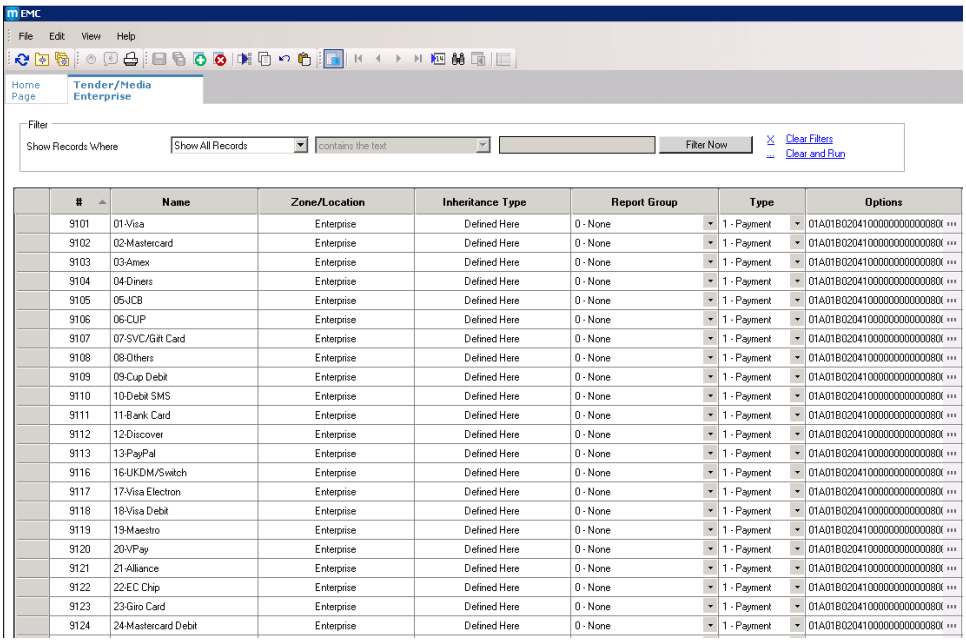
To configure the OPI Pay@Table:

1. Enable the OPI Pay@Table functionality by following the steps in the OPI section above to install and configure a Merchant.



2. With Pay@Table enabled you must enter the following:
   - Service URL – Enter the IP address of the Simphony POSAPI Client Workstation host.
   - Employee Number – Enter the Employee object number from Simphony EMC that OPI uses to pickup check values though the POSAPI.
   - Map the required payment types to the Tender Media object numbers from Simphony EMC.
3. Click **Next**.





#	Name	Zone/Location	Inheritance Type	Report Group	Type	Options
9101	01-Visa	Enterprise	Defined Here	0 - None	1 - Payment	01A01B020410000000000080(
9102	02-Mastercard	Enterprise	Defined Here	0 - None	1 - Payment	01A01B020410000000000080(
9103	03-Amex	Enterprise	Defined Here	0 - None	1 - Payment	01A01B020410000000000080(
9104	04-Diners	Enterprise	Defined Here	0 - None	1 - Payment	01A01B020410000000000080(
9105	05-JCB	Enterprise	Defined Here	0 - None	1 - Payment	01A01B020410000000000080(
9106	06-CUP	Enterprise	Defined Here	0 - None	1 - Payment	01A01B020410000000000080(
9107	07-SVC/Gift Card	Enterprise	Defined Here	0 - None	1 - Payment	01A01B020410000000000080(
9108	08-Others	Enterprise	Defined Here	0 - None	1 - Payment	01A01B020410000000000080(
9109	09-Cup Debit	Enterprise	Defined Here	0 - None	1 - Payment	01A01B020410000000000080(
9110	10-Debit SMS	Enterprise	Defined Here	0 - None	1 - Payment	01A01B020410000000000080(
9111	11-Bank Card	Enterprise	Defined Here	0 - None	1 - Payment	01A01B020410000000000080(
9112	12-Discover	Enterprise	Defined Here	0 - None	1 - Payment	01A01B020410000000000080(
9113	13-PayPal	Enterprise	Defined Here	0 - None	1 - Payment	01A01B020410000000000080(
9116	16-UKDM/Switch	Enterprise	Defined Here	0 - None	1 - Payment	01A01B020410000000000080(
9117	17-Visa Electron	Enterprise	Defined Here	0 - None	1 - Payment	01A01B020410000000000080(
9118	18-Visa Debit	Enterprise	Defined Here	0 - None	1 - Payment	01A01B020410000000000080(
9119	19-Maestro	Enterprise	Defined Here	0 - None	1 - Payment	01A01B020410000000000080(
9120	20-VPay	Enterprise	Defined Here	0 - None	1 - Payment	01A01B020410000000000080(
9121	21-Alliance	Enterprise	Defined Here	0 - None	1 - Payment	01A01B020410000000000080(
9122	22-EC Chip	Enterprise	Defined Here	0 - None	1 - Payment	01A01B020410000000000080(
9123	23-Giro Card	Enterprise	Defined Here	0 - None	1 - Payment	01A01B020410000000000080(
9124	24-Mastercard Debit	Enterprise	Defined Here	0 - None	1 - Payment	01A01B020410000000000080(

4. Select the **Add Pay@Table Devices** option, add the mapping details for each Pay@Table device that connects to OPI.
5. Enter the **Mobile Device ID**.
6. Select a **Query by** Table or Check.
7. Enter the **RVC** object number from the Simphony EMC of the RVC where the device will be used.
8. Click **Next.**
9. Enter the port and certificate password, and then click **Next.**
10. Click **Next** to continue.
11. Click **Close** to continue.
12. Click **Finish** to restart the computer.

For more information, refer to the *Oracle Payment Interface Installation and Reference Guide*.