

Oracle® Payment Interface
Release Notes
Release 6.2
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Preface

This document describes the features and updates included in the Oracle Payment Interface (OPI) Release 6.2.

Purpose

These Release Notes provide a brief overview of additions, enhancements, and corrections implemented in this software release. Their intent is informative, not instructional. Review the Oracle Payment Interface product documentation, including technical and application advisories for previous versions, for detailed information on installation, upgrade, configuration, and general use.

Audience

This document is intended for customers who install Oracle Payment Interface 6.2.

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 2018	Updated list of supported systems
November 2018	Added Resolved Issues section
May 2019	Updated compatible F&B and Hotel Solutions that supports OPI
November 2019	Updated minimum software versions for OPERA and Food & Beverage solutions that supports OPI

1 Features and Updates

This release contains the following features and changes for **Oracle Payment Interface**.

Oracle Payment Interface Installer

The Oracle Payment Interface 6.2 installer includes the following enhancements:

- Support for different database types, including MySQL, Oracle, SQL server, and SQL Express
- Support for multiple languages
- Option to perform a custom installation
 - Option to perform a silent install of OPI application
 - Option to install OPI application and database schema
 - Option to upgrade OPI application and database schema
- Provides various uninstallation options, including option to uninstall database schema
- Added certificate creation tool

Oracle Payment Interface Configuration

Oracle Payment Interface Configuration 6.2 includes the following enhancements:

- Improved security
- Multi-lingual support
- New database credentials and passphrase rotation utility
- New tool for managing Payment Service Provider certificates
- POS Service page now displays the installed driver **Mode (OGDH or Native)** Option to support two-way authentication for communication between OPI and Payment Service Provider.

Note: Two-way authentication options are set via OPI Configuration or the OPI Configuration Wizard.

Oracle Payment Interface Core

Oracle Payment Interface 6.2 includes the following core product enhancements:

- Supports Microsoft SQL Server, Microsoft SQL Server Express, and Oracle Database
- Support for multiple languages
- Added `GuestName` field in PMS settlement transactions for reporting, reconciliation, and troubleshooting purposes
- Support added for the following currencies: BND, BRL, COP, EGP, ILS, IQD, IRR, LAK, NGN, PKR, RUB, SAR, SCR, TRY
- All Sales Completion and Sales Void transaction now include mandatory Token fields
- OGDH SIM version in `debug.txt` now matches OGDH installer version
- OGDH now supports gift cards
- OPI Native supports Signature verification
- Supports real token retrieval for offline transactions

- Credit processors errors now include an asterisk character before the error description. OPI/OGDH errors do not include an asterisk.
- Includes support for the following card types:

Card Type	ID for OPI 6.1.1 and later
Visa	00
Master Card	01
American Express	02
Diners	03
JCB	04
CUP	10
Discover	26
PayPal	27
Visa Electron	17
Maestro	19
VPAY	20
Alliance	21
EC Chip	22
Bancomat Card	23

- Now supports bar tab functionality/incremental auth with the native driver solution. The RES native driver has also implemented these changes. Once the initial authorization is done, the server can continue to re-auth that card for higher amounts as the tab increases without needing to have the card. When the tab amount increases, the server hits the CC auth button and Ops shows a dialog prompting for a New Card or the existing card that has already been authorized. The existing card is selected from the list and the token is sent to the PSP. The new credit voucher prints for the new amount.

Oracle Hospitality OPERA Property Management System

The Oracle Payment Interface is supported from the following OPERA Property Management Systems releases:

- OPERA On Premise 5.5.0.24.4 or higher
- OPERA On Premise with Multi-Property 5.5.0.25.8 or higher
- OPERA V5 Hosted 5.5.0.25.8 or higher
- OPERA V5.6.6 or higher
- OPERA Cloud 1.20.16 or higher
- OPERA Cloud 19.4 or higher

For customers running OPERA Cloud using V5.5 Front end, they will need to be on a minimum version of V5.5.25.8.

With this release, you can integrate with the above OPERA Property Management System releases and use the following transaction types.

Transaction Type	Description
Pre-Authorization	A pre-authorization transaction holds the pre-authorized amount and temporarily reduces the customer's credit card limit. The pre-authorization transaction does not charge the card or reflect on customer's credit card statement.
Top-up Authorization	A top-up authorization adds an authorized amount to the pre-authorization hold.
Manual Authorization	A manual authorization retrieves an authorization code from a phone call, then sends the authorization request to the acquirer with the authorization code.
Authorization Release	An authorization release returns the pre-authorized amount to the cardholder's available credit.
Sales Completion	The sales completion transaction completes the pre-authorization transaction by charging the final amount.
Sale/Purchase	The sale or purchase transaction charges the customer's card directly without requiring a pre-authorization.
Refund	The refund transaction returns the authorized amount to a holding-state.
Void	The void transaction reverses the original sales /purchase transaction.
Reversal	If the connection between OPERA and OPI terminates before OPI completes the financial transaction, OPI will reverse the transaction sent to acquirer.
Transaction Inquiry	The transaction inquiry requests the transaction status from acquirer.
End-of-Day Settlement	The end-of-day settlement typically submits once a day at the end of the business day and sends a message to the acquirer to process a batch cutoff for the day.
Get Token	The get token transaction converts Primary Account Numbers (PAN) to a secure token.

Oracle Hospitality Point-of-Sale (POS)

With this release, you can integrate with the Oracle Hospitality Point-of-Sale (POS) System for on-premise and use the following transaction types. The [Connecting to the POS](#) section lists the supported POS systems.

Transaction Type	Description
Pre-Authorization	A pre-authorization transaction holds the pre-authorized amount and temporarily reduces the customer's credit card limit. The pre-authorization transaction does not charge the card or reflect on customer's credit card statement.
Manual Authorization	A manual authorization retrieves an authorization code from a phone call, then sends the authorization request to the acquirer with the authorization code.
Authorization Release	An authorization release returns the pre-authorized amount to the cardholder's available credit.
Sales Completion	The sales completion transaction completes the pre-authorization transaction by charging the final amount.
Sale/Purchase	The sale or purchase transaction charges the customer's card directly without requiring a pre-authorization.
Sale and Cash	The sale and cash transaction provides the ability for the cashier to pay cash to the card holder, and charge the financial transaction for the funds.
Sales Adjustment	The sales adjustment transaction corrects the original sale or sale completion amount.
Refund	The refund transaction returns the authorized amount to a holding state.
Void	The void transaction reverses the original sales/purchase transaction.
Reversal	If the connection between POS and OPI terminates before OPI completes the financial transaction, then OPI reverses the transaction sent to acquirer.
Transaction Inquiry	The transaction inquiry requests the transaction status from acquirer.
Balance Inquiry	The balance inquiry transaction retrieves the balance amount for a pre-paid card or gift card.
End-of-Day Settlement	The end-of-day settlement typically submits once a day at the end of the business day and sends a message to the acquirer to process a batch cutoff for the day.

Connecting to the Point-of-Sale (POS)

The Oracle Payment Interface supports the F&B Solutions with the Oracle Gateway Device Handler (OGDH) Drivers, Native Drivers, and the Symphony Payment Interface for Pay@Table Solutions via the following software releases:

F&B Solution	Driver/Interface Type	Minimum Version and above
Restaurant Enterprise System/3700	OGDH	5.5.1 or higher
Leisure Enterprise System/9700	OGDH	4.0
Simphony First Edition	OGDH	1.7.1
Simphony	OGDH	2.9.2 or higher
Restaurant Enterprise System/3700	Native Drivers	5.5.1 or higher
Simphony	Native Drivers	2.9.2 or higher
Simphony	Simphony Payment Interface (SPI)	18.2
e7	Native Drivers	4.2.1 or higher

Note: For Simphony Payment Interface (SPI), latest OPI 6.2 patch is required.

POS Pay-at-the-Table

The Oracle Payment Interface supports the F&B solutions for Pay@Table functionality for the POS. When integrating with Pay@Table, the cashier can use a Pay@Table device to open the check, process the credit card transaction and post the transaction back to the POS to close the check.

Pay@Table integrates with the following Oracle Hospitality POS systems:

- Simphony release 2.9.2 or higher
- RES 3700 release 5.0 or higher
- Simphony Payment Interface (SPI) from Simphony 18.2

Pay@Table is not supported on Simphony First Edition or 9700.

Oracle Hospitality Shipboard Property Management System

The Oracle Payment Interface is supported from the following Shipboard Property Management Systems releases:

- 8.0.8 and higher

Oracle Retail

The Oracle Payment Interface is supported from the following Oracle Retail releases:

- Xstore 17.0 and higher

Oracle Hospitality Suite8 Property Management System

The Oracle Payment Interface is supported from the following Suite8 Property Management Systems releases:

- 8.12.0.0 and higher

2 System Requirements, Supported Systems, and Compatibility

The Oracle Payment Interface release 6.2 is compatible with the following operating systems:

- Microsoft Windows 7
- Microsoft Windows 8
- Microsoft Windows 10
- Microsoft Windows Server 2008 R2
- Microsoft Windows Server 2012 R2
- Microsoft Windows Server 2016
- Microsoft Embedded POSReady 2009 (Minimum RAM = 2 GB, Hard disk = minimum 6 GB reserved for OPI)
- Microsoft Embedded POSReady 7 (Minimum RAM = 2 GB, Hard disk = minimum 6 GB reserved for OPI)

3 Resolved Issues

The following customer-reported issues were resolved in this release:

Table 1 – Resolved Issues

BugDB	JIRA	Product	Description
27066323	HPI-56	OPI Core	Transaction Type 08 Void Not Passing "Industry Code" in Field. This issue does not occur in OPI 6.2.
27266249	HPGS-3309	OPI Core	Corrected an issue where some customers were charged twice in environments using OPI with Symphony 2.9.2 and native credit card drivers.

Refer to the ReadMe files attached to patch sets and interim patches for additional bug fixes.