Oracle® Payment Interface

Release Notes
Release 6.1
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ORACLE

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Preface

This document describes the features and updates included in the Oracle Payment Interface Release 6.1.

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 Payment Interface's 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 the Oracle Payment Interface 6.1.

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
September 2016	• Initial publication
November 2016 January 2017	• Changed to RES 3700 release 5.0 or higher • Added Windows 10 support
October 2017	• Changed to Simphony release 2.9.2 or higher • Updated the *Oracle Payment Interface* section to include deployment recommendations
November 2018	• Added Resolved Issues section

1 Features and Updates

The Oracle Payment Interface (OPI) is a payment processing interface for third-party payment service providers and partners to integrate with the Oracle Hospitality Point-of-Sale (POS) and the Oracle Hospitality OPERA Property Management Systems to provide credit card processing functionality.

Oracle Payment Interface

The Oracle Payment Interface release 6.1 and higher 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.

For most merchants, OPI should only be installed on one machine at the Premise – this can be an Oracle Workstation, a PC, or a server. For larger installations, it is recommended that OPI has a dedicated server. Alternatively, for larger installations, it is permissible to install additional instances of OPI as long as every workstation that may operate within a revenue center shares the same instance of OPI.

For hotel deployment, OPI can be installed on the interface machine if the machine has sufficient resources to accommodate OPI. Alternatively, an Opera workstation can also be used to install OPI if a dedicated machine is not available. However, for the latter case, we would recommend the use of a back office Opera workstation that is lightly used and has sufficient resources to accommodate OPI.

OPI integrates with the following releases to process the transaction types listed below.

Oracle Hospitality OPERA Property Management System

With this release, you can integrate with the on-premise OPERA Property Management System release 5.0.05.11 or higher 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 release 6.1 supports the following POS connection methods.

Native Driver

The following Oracle Hospitality POS versions support sending requests to OPI with the native driver, with no need for additional interface setup:

- Simphony 2.9.2 or higher
- RES 3700 5.5 MR1 or higher

MGDH Driver

The following POS versions support sending requests to OPI using the Micros Gateway Device Handler (MGDH), which requires a separate installation:

- Simphony release 2.7 MR4 or higher
- Simphony First Edition release 1.6 MR6 or higher
- RES 3700 release 5.0 or higher
- 9700 Point-of-Sale release 4.0 or higher

POS Pay-at-the-Table

The Oracle Payment Interface release 6.1 supports 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 2.7 MR4 or higher
- RES 3700 release 5.0 or higher

Oracle Payment Interface Installer

The Oracle Payment Interface Installer release 6.1 installs the following:

- MySQL Database 5.6.32
- Java Platform, Standard Edition Runtime Environment (JRE) version 8

2 System Requirements, Supported Systems, and Compatibility

The Oracle Payment Interface release 6.1 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

3 Resolved Issues

There were no customer-reported resolved issues for this release.

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