Oracle<sup>®</sup> Payment Interface Oracle Hospitality Symphony FE OGDH Installation Guide



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Oracle Payment Interface Oracle Hospitality Symphony FE OGDH Installation Guide, Release 19.1

F14995-02

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# Preface

This document describes how to install the OPERA Gateway Device Handler (OGDH) and the Oracle Payment Interface (OPI) including:

- Installing OGDH
- Installing OPI
- POS configuration for OPI using OGDH
- Middleware mode vs Terminal mode

Refer to the Oracle Payment Interface RES Native Driver Installation Guide for more information.

### Audience

This document is intended for installers of Oracle Payment Interface and OGDH.

### **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

Product documentation is available on the Oracle Help Center at http://docs.oracle.com/en/industries/hospitality/

### **Revision History**

Date	Description of Change
February 2019	Initial publication.
March 2019	<ul> <li>Updated formatting and cover page with new template.</li> <li>Updated details for tender mapping in Chapter 4 OGDH Driver Installation.</li> <li>Added Chapter 7 Not Supported Functionality.</li> </ul>
July 2019	Updated security bugs in few chapters

# 1 Pre Installation

# Before Installing the OPI

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

Complete the following tasks before installing:

- The OPI application requires Microsoft .NET Framework version 4.0 or higher.
- You must uninstall previous versions of MPG before installing OPI 19.1
- You cannot upgrade from previous versions of MPG to OPI 19.1
- You can upgrade from OPI 6.1 and higher to OPI 19.1
- You can upgrade from MGDH 6.1 and higher to OGDH 19.1
- Verify with the merchant to setup table service (TSR) or quick service (QSR), or both. QSR does not support tips.
- Verify with the merchant if activating the Refund functionality, the merchant must control the privilege for this function.
- Verify with the merchant if they offer a guest the option to get cash back with their purchase, then activate the **Sale & Cash** option. This is only available for QSR.
- Confirm Microsoft Visual C++ 2010 is installed on the computer where OGDH and OPI are installed.
- Confirm Java Platform, Standard Edition Runtime Environment (JRE) version 1.8.152 or higher but below 1.9 is installed on the computer where OGDH and OPI are installed.
- It is required to use JRE 8U131 or above build of JRE8 for OGDH installation.
- Transactions from previous OPI versions will not settle or Void once system is upgraded to OPI 19.1. All transactions must be settled/finalized before upgrading.
- Oracle Payment Interface requires at least 6 GB of free disk space.
- You must install both OGDH and OPI as a System Administrator.
- OPI 19.1 does not install a database. If doing a clean install of OPI, a database must be installed first.

During the installation you must confirm the following:

- Merchant IDs
- Receipt "Header" and "Trailer" details
- Tender Media numbers for each card type

- IP address of the OPI Server
- If there is an existing MySQL database installed, then the SQL root password is required.
- Workstation IDs and IPs that integrate with the PIN pad.

# 2 Network Consideration

Consider the following points for the network:

- OPI listens on the TCP port 5098 for incoming messages from OGDH by default, this port must be open internally on the merchant's network.
- The port for the PIN pad depends the partner, confirm with the partner and confirm the corresponding port is open.



# 3 Configuring the Simphony Server

# Adding an Interface

To configure the server, you must add a new interface.

- 1. In the Enterprise Management Console, go to the Interfaces tab and select OGDH.
- 2. Define the following interface values on the General tab.

Interface	Value
System Name	OGDH
Communication Name	OGDH
Service Type	PMS/SIM
Communications Type	TCP/IP
Timeout	210
ISL Script Name	pms7

# Table 3-1: Interface and Values

## Figure 3-1: Adding an interface – 1

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Home Page Interfaces					×
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3 Banquets	N	umber 7 Audit T	his Record		
4 msvc-micros 5 To Guest Conn		Name MGDH			
7 MGDH	General				
		Communication Name MGDH			
		Interface Type 0 - PMS	:/SIM	•	
		Communications Type 1 - TCP	ЛР	*	
		Backup Interface U - Non	e	•	
		Offline Posting Link 0 - Non	e	•	
		SIMDB Link 0 - Non	e	•	
		Timeout 210			
		Ping Frequency 0			
		ISL Script Name pms7			
		F 11w <sup>2</sup>	S Local Interface		
			Elecarmienace		
					<b>•</b>
7 record(s) read.	🥥 Demo	🖵 localhost	Enterprise		🚨 micros (MCROS, MICROS)

3. Click the **Options** tab, and then select **Use 19 Digit Reference Entry for PMS Inquires**.

- 4. Click the **Properties** tab, and then select the property that processes the credit and debit transactions for OPI to activate it.
- 5. Click the **Service Host** tab, and then select the server to host the OGDH interface.

Figure 3-2: Adding an interface - 2

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#     Name       1     PMS       2     SondBilM       3     Barquets       4     mst-micros       5     To Guest Conn       8     Democe       7     MGDH       Service Host This Record       Name MGDH       Service Host Configuration       Service Host Configu	Home Page Interfaces		×
1     PMS       2     SondGIM       3     Banquets       4     reservices       5     To Guest Conn       8     Democe       7     MGDH   Service Host Configuration Service Host 28 -VM-SIMPHONY Select Configuration: Host Name: VM-SIMPHONY, Net Mask: (Blank), Gaeway:          #     Type       Record     Port       57     Interface   Bottom Service Host Bottom Bottom Service Host Configuration: Host Name: VM-SIMPHONY, Net Mask: (Blank), Gaeway:	# Name	General Options Properties Service Host	
3     Barquets       4     rese-micros       5     To Guest Conn       8     Democe       7     MGDH   Service Host Configuration Service Host 28 - VM-SIMPHONY Select Configuration: Host Name: VM-SIMPHONY, Net Mask: (Blank), Gaeway:         #     Type       #     Bosto       #     Type	1 PMS 2 SendSIM	Current Record	
To Guest Con     Name     MGDH       7     IMGDH       8     Democe       7     IMGDH       9     Service Host Configuration       Service Host Configuration     Service Host 28 - VM-SIMPHONY       Service Host Configuration     Service Host 28 - VM-SIMPHON	3 Banquets	Number 7 Audit This Record	
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Configuration: Host Name: VM-SIMPHONY, Net Mask: (Blank). Galeway:           #         Type         Record         Port         URL           57         Interface         7 - MGDH         8080         EGateway/EGateway.asmx		Service Host 28 · VM-SIMPHONY Select	
#         Type         Record         Port         URL           57         Interface         7 - MGDH         8080         EGateway/EGateway.asmx		Configuration: Host Name: VM-SIMPHONY, Net Mask: (Blank), Galeway:	
57 Interface 7 - MGDH 8080 EGateway/EGateway.asmx		+ Type Decord Port IIDI	
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7 record(s) read Openo Incalhost @ Enterprise Q micros (MCROS MCROS	7 record(s) read	Demo     Incalhost     Priterorise	OS MICROS'

# Configuring the RVC

1. Link the interface for the OGDH to each RVC.

Figure 3-3: Configuring the RVC - 1

<mark>🚯 ЕМС</mark>	×
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<mark>!                                    </mark>	
Home Page RVC Parameters	×
General Search Options Format Posting and Control Order Type	Menu Levels Interfaces Taxes Aut
1. 1 · PMS 5. 4 · msvc-micros	
2. 2 · SendSIM   6. 7 · MGDH	
3. 5 - To Guest Conn 💌 7. 0 - None 💌	
4. 0 · None  8. 0 · None	
Table Management System Options	
TMS Operator O · None Select	
TMS User Workstation 0 - None Select	
TMS Link 0 - None	
1 - Send Check Status Messages to TMS     2 - Enable CENV/TMS Interface     3 - Send Coeed Check Totalto CENV/TMS     4 - Send Coeed Check Totalto CENV/TMS     5 - Send Course Timing Data to CENV/TMS     6 - Send Offline Transactions to TMS	
	DEMO - Beaches Care     Q micros (MCROS, MICROS)

- 2. If the RVC uses QSR mode, then activate the following options. If using the TSR mode, do not activate these options.
- Do Not Prompt for Tips (No Overtendering if Charge Tip is Required)

Figure 3-4: Configuring the RVC – 2



- 3. On the **Format** tab, configure and enable the following options for the TSR RVC.
- Enter 32 for the Number of Guest Check Information Lines.
- Select Skip Blank Lines When Print or Display Guest Check Info Lines.

File Edit View Window Help
Home Page / Interfaces / RVC Parameters / Tender Media / CAL Packages / Touchscreen Design / Workstations
General Search Ontions Format Posting and Control Order Types Menu Levels Therfaces Taxes Autofi
Lines On First Page
Lines On Other Pages 0
Line Feeds Before First Page
Line Feeds Before Other Pages 0
Minimum Lines Per Roll Check/Receipt
Number Of Guest Check Information Lines 32
Sorting and Display
Screen Sort Type 0 - Do Not Sort
Customer Receipt Sort Type 3 - Print Group, Consolidated
Check Sort Type 3 - Print Group, Consolidated
NLU/Condiment Help Screen Sort Type 0 - Do Not Sort
Check Detail Watermark 0 - None
Format Options
22 - Print Transaction Employee # and UWS # on Guest Check Each Round
☑ 24 - Skip Blank Lines When Print or Display Guest Check Info Lines
25 - Do Not Display Guest Check Info Lines on User Workstation 26 - Print Guest Check Info Lines Before Header on Guest Checks
27 - Print Guest Check Info Lines After Header on Guest Checks

## Figure 3-5: Configuring the RVC - 3

# Configuring the Employees

- 1. Select the Employee Maintenance tab, and then select the Cashier option.
- 2. Select the check box to activate the **ISL Employee Option #4** option to define the employee class that can process the refund.

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Horn	e Page / Employee Classe	s]	
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3	Retail Auditor	Number 7 Audit This Record	
5 6	Concessions Manager	Name Cashier	
/ 8 9	R/S Cashier Server	Time And Attendance Settings	
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12 14	Bartender Cocktail Server	#Hours/Period Betree UT 000000	
20	Banquets		
		ISE Uptions	
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		ISL Employee Option #3	
		□ ISL Employee Option #5	
		□ ISL Employee Option #6	
		□ ISL Employee Option #7	
		ISL Employee Option #8	
		Touchscreen Settings	
		Default Trans TS 0 · None	• •
record(s)	) read.	🔵 Demo 📮 localhost 💿 DEMO	🚨 micros (MCROS, MICROS

Figure 3-6: Configuring the Employees

# **Configuring Service Charges**

 If the merchant uses the cash back option, then you can add a new Cashback service charge. For the Service Charge for OPI tenders, use the same option as the open amount service charge. If merchant doesn't activate the SaleCash function, then skip this step.

6 EMC		
: File Edit View Window Help	▶ □ ▷ □   : □   ► ▲ → > > ∞ ↔ □   =	
Home Service Charges Page Enterprise		×
#     Neme       1     CC Tips       2     Cash Back	General       Itemizers       Menu Levels       NLU/SLU       C         Current Record       Number       2       Name       Cash Back         Seneral Settings       Percent       0       Pirot         Amount       0.00       Prive       Percent to         Amount       0.00       Prive       Percent to         HALO       0.00       Prive       Percent to         Options       ✓       1 - 0N = Open; OFF = Preset       ✓       2 - 0N = Amount; OFF = Preset         ✓       2 - 0N = Amount; OFF = Preset       ✓       2 - 0N = Amount; OFF = Preset         ✓       2 - 0N = Amount; OFF = Preset       ✓       2 - 0N = Famount; OFF = Preset         ✓       2 - 0N = Amount; OFF = Preset       ✓       2 - 0N = Famount; OFF = Preset         ✓       2 - 0N = Amount; OFF = Preset       ✓       2 - 0N = Famount; OFF = Preset         ✓       2 - N = Amount; OFF = Preset       ✓       2 - 0N = Famount; OFF = Preset         ✓       2 - 0N = Famount; OFF = Preset       ✓       2 - 0N = Famount; OFF = Preset         ✓       2 - 0N = Famount; OFF = Preset       ✓       2 - 0N = Famount; OFF = Preset         ✓       2 - 0N = Famount; OFF = Preset       ✓       2 - 0N = Famount; OFF = Preset	Dutput Effectivity Groups I > Audit This Recc Tax Class 0 · None Rege Group 0 To Tips Paid 0
2 record(s) read.	🕽 Demo 📮 localhost 🚨 mic	cros (MICROS, MICROS)

Figure 3-7: Configuring Service Charges -1

2. If the merchant uses the GC cashout option, then you can add a new GC cashout service charge. If merchant doesn't activate the GC cashout function, then skip this step.





# **Configuring Tender Options**

Configure the following options for the credit/debit tenders.

- 1. Select the **Options** tab, and then select the category **Interface Options**.
- 2. Select the PMS and Credit Card use 19 Digit Acct Number option.

6 EMC	×□.
File Edit View Window Help	
: 🗞 🗟 : 💿 🖸 📇 : 🗔 🖨 🖸	
Home <b>Tender/Media</b> Page <b>Enterprise</b>	×
# Name	General Options Menu Levels Output Effectivity Groups
2 MasterCard 3 AMEX 4 Diners 5 JCB 6 Debit	Current Record           Number         1         Audit This Record           Name         VISA         Image: Contract of the second sec
	Search Printing Options Interface Options Credit Card Options T
	☑ 29 - ON=Post 0.00 Transactions to PMS; OFF=Do Not Post         □ 30 - ON=Print PMS Response and Posting Msg; OFF=Print Response ONLY         ☑ 31 - ON=PMS and Credit Cards Use 19 Digit Acct Number; OFF=16 Digits         □ 32 - ON=Post Amount Tendered to PMS; OFF=Post Amount Due         ☑ 38 - Use 15L TMED Procedure Instead of PMS Interface         ☑ 39 - Reverse PMS Iterrizers On VOID Postings         □ 40 - Switch to Alternate Tenders If PMS Timeout
6 record(s) read.	Demo Demo Iccalhost

Figure 3-9: Configuring Tender Options - 1

To configure the credit card options:

- 1. Go to the **Options** tab and select **Credit Card Options**.
- 2. Deactivate all options and remove the floor limit/preambles list.
- 3. Enable the No Credit Card Length Check option.

To configure the Ops options:

- 1. Go to the **Options** tab, select **Ops Behavior**, and activate the following options:
- Assume Paid in Full
- Reference Entry Required
- 2. Deactivate the following options:
- Mask Account Number
- Encrypt Tender/Media Reference Entry
- 3. Link the tender to Service Charge for TSR environments.
- 4. Add the debit tender option the same way you would for normal credit card tenders.
- 5. Add a new tender **SaleCash** option the same way as a normal credit card tender. This is only available for QSR. Skip this step if the merchant does not activate the **SaleCash** function.
- 6. Add a new tender **Gift Card** option the same way as a normal credit card tender. Skip this step if the merchant does not activate the **Gift Card** function.

File       Edit       View       Window       Help         Image: State Sta	
#         Name           1         VISA           2         MasterCard           3         AMEX           4         Dirers           5         JCB           6         Debit	General       Options       Menu Levels       Output       Effectivity Groups         Current Record       Number       Audit This Record         Name       VISA       Menu Levels       Audit This Record         Taxing Options       Ops Behavior       Charge Tip Options       Miscellaneous Optic         Amount Diptions       Image: Charge Tip Options       Miscellaneous Optic       Image: Charge Tip Options         Amount Required       Image: Charge Tip Options       Image: Charge Tip Options       Image: Charge Tip Options         Image: Charge Tip Options       Image: Charge Tip Options       Image: Charge Tip Options       Image: Charge Tip Options         Image: Charge Tip Options       Image: Charge Tip Options       Image: Charge Tip Options       Image: Charge Tip Options         Image: Charge Tip Options       Image: Charge Tip Options       Image: Charge Tip Options       Image: Charge Tip Options         Image: Charge Tip Options       Image: Charge Tip Options       Image: Charge Tip Options       Image: Charge Tip Options         Image: Options       Image: Charge Tip Options       Image: Charge Tip Options       Image: Charge Tip Options         Image: Options       Image: Charge Tip Options       Image: Charge Tip Options       Image: Charge Tip Options         Image: Options       Image: Charge Tip Options       Image: Char
6 record(s) read.	🔵 Demo 📮 localhost 🏠 micros (MICROS, MICROS)

Figure 3-10: Configuring Tender Options - 2

# Configuring a CAL Package

1. Add a new CAL package for the Microsoft Win32 and Microsoft WinCE clients.

Figure 3-11:	Configuring a		Package
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File Edit	: View	Window Help				
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				_		
/ Home	Page /	Interfaces   RVC Para	meters Y Tender Media Y C	AL I	Packages	
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St	now Reco	rds Where Show All Records	<ul> <li>contains the text</li> </ul>			Filter Now
				_		
	# ▲	Name	Platform Type		Folder Name	Deployment
	1	Simphony OPS Client	0 - All Clients	-	SimphonyClient	0
	2	Simphony KDS Client	101 - DTR Controller (KDS Display	-	DCKDS	0
	3	EGateway Service Host	0 - All Clients	-	EGateway	1
	4	Credit Card Service Handler	0 - All Clients	-	ECCServer	2
	5	Interface Service Handler	0 - All Clients	-	InterfaceService	2
	6	KDS Handler	0 - All Clients	-	PosToKdsHandler	2
	7	SIM Handler	0 - All Clients	-	SimSVCHandler	2
	8	EGateway Service Host Prer	0 - All Clients	-	EGatewayPrereqs	0
	9	Web Server	0 - All Clients	-	WebServer	1
	10	WS KDS Display	0 - All Clients	-	WSKDS	2
	11	CAL Client	0 - All Clients	-	McrsCAL	0
	12	Property CAL Updater	0 - All Clients	-	PropertyCAL	2
	14	VNC	60 - WS5A	-	VNC	3
	18	MGDH Driver	50 - Win32 Client	-	MGDH32	3
	19	MGDH Driver	60 - WS5A	-	MGDHCE	3

2. Add deployments, as shown in the following screen shot.



ЕМС									
File Edit	File Edit View Window Help								
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Home Pa	age Interfaces RVC	Parameters Tender Media CAL Packages							
# 1 2 3 4 5 6 6 7 8 9 9 10 11 12 12 14 19	Name Simphony OPS Client Simphony KDS Client Edateway Service Hoat Credit Card Service Handler Interface Service Hoatler KDS Handler Edateway Service Hoat Prer Web Servic Was KOS Display CAL Client Propenty CAL Updater WKC MGDH Driver	Current Record          Number       18       Audit This Record         Name       MGDH Driver         General Settings       Platform Type       50 - Win32 Client         Folder Name       MGDH32         Deployment Order       3         Package Version       6.1.0.9	]						
		Add Delete							
		Deployment Type Property Service Host	Actio						
		1 - Property/Enterprise 🔽 1 - DEMO	··· 0 - Insta						

# **Designing the Touch Screen**

Before beginning, you must first consult with the Oracle Consulting Team. If required, you can then add the following buttons to the payment screen. The key type is Function and you can link to the interface OGDH.

Field	Value
CC PAY	SIM INQ #2
CC REFUND	SIM INQ #4
CC AUTH	SIM INQ #8
CC FINAL	SIM INQ #9
TAB AUTH	SIM INQ #12
BALANCE INQUIRY	SIM INQ #14
CC REPRINT	SIM INQ #7
CC REPOST	SIM INQ #16
MANUAL AUTH	SIM INQ #15
REFUND MANUAL	SIM INQ #11
GC Function	SIM INQ #10
AUTH CNP	SIM INQ #20

Table 3-2: TSR Payment Screen

Field	Value
QSR SALE	SIM INQ #1
SALE CASH	SIM INQ #5
CC REFUND	SIM INQ #4
BALANCE INQUIRY	SIM INQ #14
CC REPRINT	SIM INQ #7
CC REPOST	SIM INQ #16
REFUND MANUAL	SIM INQ #11
SALE CNP	SIM INQ #6
GC Function	SIM INQ #10

## Table 3-3: QSR Payment Screen

OPI shares the VOID touchscreen key with the Simphony POS. Using the VOID key you can:

- Void the transaction
- Add Tips (for TSR only)

# Menu Item Configuration

The two open menu items need to be created for Gift Card activate transaction and Gift Card reload transaction.

# The menu item class -- "GC Open Item"

Set up the following for the menu item class.

- Menu Item class name "GC Open Item"
- reference required
- Open-priced Menu Items

6	emc		
i e	<u>Fi</u> le <u>E</u> dit	<u>Vi</u> ew <u>Wi</u> ndow <u>H</u> elp	
i k	🕑 🐼 🔞	0000	
	Home P	age Menu Item Classes	Menu Item Classes
Ľ			/
	#	Name	General Options Condiment Groups Output Fixed Price Meals Refer
1	02	FD TEMP -H	- Current Record
1	03	FD EGG PREP -H	
1	09	FD BRKFST SIDE-H	Number 600 Audit This Becord
1	12	FD DRESSING -C	
	13	FD BREAD -HC	Name GC Open Item
	20	FD SOUP/SALAD-HC	
	24	FD JUICE -B	
	30	FD NO PREP -	Uptions
	31	FD NO PREP -H	I - ON = Open-Priced Menu Items: OFF = Preset Menu Items
	32	FD NO PREP -C	2 · ON = Condiment Menu Items: OFF = Begular Menu Items
	35	FD EGG/MEAT -H	
	36	FD EGG/TMP -H	A Inscenario Seat Number Ville Sale of these Many Items
1	40	FD T/SC/SP/SL-H	
1	41	FD SIDE SIZE -H	S - heterence Entry hequired
1	42	FD AMERICAN -H	b - Validation Required
	43	SOUP H	☐ 7 - Item Discounts May Be Applied to these Menu Items
1	44	Entree -H	8 - Allow Menu Items in this Class to be Non-Priced
1	98	FD N/A BEVS ·	9 - Condiment Changes Print Group of Parent Menu Item
	99	FD N/A BEVS -B	10 · ON = Use Sub Level Pricing; OFF = Use Main Level Pricing
1 2	200	-Liquor Classes-	11 - Add to Guest Count
2	201	LIQ NO PREP -B	12 - Add to Automatic Service Charge Itemizer
2	202	LIQ MIXERS -B	13 - Print Price on Order Chit
2	204	WINE -W	14 - Do Not Put in Transaction Detail
2	205	WINE -B	□ 15 - Weighed Items
2	208	BEER -B	□ 17 - Print Name 1 and Name 2 on Checks
	300	^ Upen Items ^	18 - Print Name 2 on Order Output instead of Name 1
	301	UPEN FOUD	19. Use Name 2 on Touchscreens instead of Name 1
	302	UPEN HUT FUUD -H	20 Allow Decimal Quantity Entry when Ordering
	303	OPEN CULD FD -C	21. Require Number of Conditionate to Match Number of Parent Items
	323	OPEN WINE -B	2 21 - Require Manuel of Continents to Match Nether Detailed (Candinate Only)
	325	UPEN BEER -B	
	527	OPEN LIQUUH -B	Search within Contact Sensitive Help
14	101	OPEN MISC /REF	

Figure 3-13: Menu item class -- "GC Open Item"

# The menu item -- "GC Activate"

Set up the following for the menu item.

- Menu Item name "GC Activate"
- Menu Item class "GC Open Item

🍪 EMC							
Elle Edit Wew Window Help							
i 🗞 🗟 i o 🕖 👍 i 🖬 🕤 🐼 i 🗰 🕞 🗠 i	: 🕞   H 🔺 🕨 🖊 📧 🗰 💽 📘						
Home Page Menu Item Classes Menu Item Mainten	ance						
Search/Table View Definition: 99100003:1 - GC_Acti	vate						
Record Number 99100003	Production Items						
Name GC_Activate	1 · Beaches Cafe						
Major Group 5 - Miscellaneous 🗾 🔳							
Family Group 307 - Miscellaneous 💌 🔳							
Report Group 1 Do Not Allow PMC Procedures to	Display or Edit						
Recipe Link 0 - None							
General Prices							
Name and Class	Touchscreen Properties	Menu Level Availability					
Number 99100003	SLU 0 - None 🔽 🔳	Main Level Link Sub Level Link					
Def Sequence # 1 🗾 of 1	Mobile MICROS SLU 0 - None	1 · Regular     2 · Isrkfst					
Prev Def Seq Next Def Seq	SLU Sort Priority 0						
First Name GC_Activate	Icon None						
Second Name GC_Activate	Number Lookup Properties	7. 7.					
Third Name	NLU Group 0 - None 📃 🔳						
Long Descriptor	NLU Number 00000000000	Availability/Out of Item Properties					
Menu Item Class 600 - GC Open Item 🔽 🔳	- Miscallaneous Properties	Out of Menu Item					

Figure 3-14: The menu item --"GC Activate"

• Price - "0.00"

Figure 3-15: Menu Item class - "GC Open Item"

Searc	h/Table View	Definitio	n:99100003:1 - GC_A	ctivate			
Menulter	n Master						
Reco	ord Number 99	100003		Production Items			
	Name GC	_Activate		3 - Banquets			
м	lajor Group 5 -	Miscellaneous	•				
Fa	amily Group 30	7 - Miscellaneous	▼ ◀				
Re	port Group 1		Not Allow PMC Procedures	s to Display or Edit			
Re	ecipe Link 0 -	None	T				
Ger	neral Pric	es					
Name -	and Class						
	Numb	er 99100003	1 <u> </u>	Prev Def Seq Next	Def Seq	First Name GC_Activate	
Prices							
	Price	Prep Cost	Tax Class Override	Active On Level	Options	Price Group	Recipe

## The menu item -- "GC Topup"

Set up the following for the menu item "GC Topup", which is same as "GC Activate".

- Menu Item name "GC Topup"
- Menu Item class "GC Open Item"

EMC			
<u>File Edit View Window Help</u>			
2 🗟 🐘 💿 🖓 😓 🗄 🔂 🗖 🧑 🚺 👘 🗠 🛍	- i 📊   🖌 🔸 🕨 🖭 🐜 🕞 📃		
Home Page Y Menu Item Classes Y Menu Item Mainte	mance		
Search/Table View Definition: 99100004:1 - GC_To	opup		
Menu Item Master			
Record Number 99100004	Production Items Definition Summary		
Name GC_Topup	1 - Beaches Cafe		
Major Group 5 · Miscellaneous			
Family Group 307 - Miscellaneous 🗾 🔳			
Report Group 1 Do Not Allow PMC Procedures	to Display or Edit		
Recipe Link 0 · None			
General Prices			
Number 199100004	SLU JO-NORE		Main Level Link Sub Level Link
Def Sequence # 1 🗾 of 1	Mobile MICROS SLU 0 - None	•	1 - Regular     2 - Happu Hr     2 - Lunch
Prev Def Seq Next Def Seq	SLU Sort Priority 0		v 3 - v 3 - Dinner
First Name GC TODUD	Icon None	•	
Connections		_	<b>2</b> 6 · <b>2</b> 6 · <b>3</b> 7
Second Name	Number Lookup Properties		
Third Name	NLU Group 0 - None	• •	All None All None
Long Descriptor	NLU Number 00000000000		Availability/Out of Item Properties
Menu Item Class 600 - GC Open Item 🔽 🔳	Miscellaneous Properties		Dut of Menu Item

Figure 3-16: Menu Item name -"GC Topup"

• Price - "0.00"

Figure 3-17: Menu Item class -"GC Open Item"

6 EMC								
<u>File E</u> dit <u>Vi</u> ew <u>Wi</u> ndow	Help							
l R 🗟 🗟 🖉 🔂	i 🗔 🔁 🕻	<b>) 🐼 🕩 </b> 👘 👘	5 i 📊 🖌 🔺	► FL	14 66			
Home Page Menu Ite	em Classes	🗸 Menu Item Main	tenance					
Search/Table View	Definition:	: 99100004:1 - GC_	Торир					
Menu Item Master						_		
Record Number 9910000	04		Production Items			-		
Name GC Top	JUD		1 - Beaches Cafe					
Major Group 5 - Misci	ellaneous							
Family Group 307 - Mi	iscellaneous	▼ ◀						
Report Group 1		Not Allow PMC Procedure	es to Display or Edit					
Basing Links R. Naur								
	в	•						
General Prices								 
Name and Liass	0100004						00.7	 
Number  3	19100004	of 1	Prev Def Seq Ne	ext Def Si	eq	First Name	GL_Topup	
Prices								
Price P	Prep Cost	Tax Class Override	Active On Level	Op	tions		Price Group	
1 0.00 0.0	00 C	) - None 💌	0 - All Levels	<b>-</b> 00		0 - None		 0 - None

# 4 OGDH Driver Installation

# Installing OGDH on the Simphony Server

- 1. In Microsoft Windows, log in as an administrator, and then run the OGDH\_OPI\_19.1.0.0.exe file.
- 2. Click Next.
- 3. A Welcome screen displays. Click Next.
- 4. A Checking dependencies screen displays. Click Next.

## Figure 4-1: OGDH Installer

GDH Installer			>
Checking dependencies			
This machine is verified for required software	e.		
Below POS software from Oracle MICRO	is <mark>detected on th</mark> i	is computer.	
SIMPHONYFE 1.6.1000.5			
Click next to install OGDH for above POS	system.		
stallShield			
			E

- 5. Select the install location, and then click **Next**.
- 6. On the Ready to Install the OGDH screen, click Install.
- 7. On the Connect to Simphony database screen, click Connect or Skip DB Connection.

If you connect to **Simphony** database you need to select the DB type, enter the Host or IP address, Port, DB name/SID, Username and Password.

Connect to SIMPHONYFE database This connection will be used to retrieve details like RVC list, Tend	ler Mappings, etc.
D8 System Host / IP Address Port D8 Name / SID Username	Oracle MS SQL Server
Password	Connect Skip DB Connection Back Next Close
HOSPITALITY	

Figure 4-2: Simphony database screen

8. Select a currency and property from the drop box. Click Next.

🔜 OGDH Installer			
Currency configurati Please choose currency.	n details		
	Currency Property	•	
		Back Next	Close
HOSPITALITY			

Figure 4-3: Currency configuration details

9. In Configuration details for property, set the Device Merchant ID, Mode, Receipt Header/Trailer for each Revenue center

1		Device Pierchant ID	Mode		Recei	pt Header/Trailer	
-	Beaches Cafe		TSR	*		Create	
2	Room Service		TSR	•		Create	
3	Banquets		TSR	*		Create	
4	Palm Bistro		TSR	•		Create	
5	Boutique		TSR	*		Create	

## Figure 4-4: Configuration details for property

## Figure 4-5: Creating receipt header



- For header, do not exceed 6 lines. Each line should not exceed 33 letters or special characters.
- For trailer, do not exceed 12 lines. Each line should not exceed 33 letters or special characters.
- **10.** In Tender mapping configuration, link the correct tender number for each tender. Leave unused tenders blank.

ebit	•	VISA Debit	•
ISA	-	Maestro	*
1asterCard	•	V Pay	•
merican Express	•	Alliance	•
iners Club	•	EC Chip	*
СВ	-	GiroCard	•
thina UnionPay	•	MasterCard Debit	*
Sift Card	•	WeChat Pay	•
hina UnionPay Debit	•	AliPay	*
Viscover	•	Sale Cash Back	•
isa Electron	•	GC Cash-out SVC	•
		Cashback SVC	*

## Figure 4-6: Tender mapping configuration

**11.** In Extra Tender mapping configuration, if you need use extra tenders, Please enable extra tender and link the correct tender number for each tender. Leave unused tenders blank.

## Figure 4-7: Extra Tender mapping configuration

Enable extra tenders					
ExtraTender1		ExtraTender13			
ExtraTender2	•	ExtraTender14			*
ExtraTender3	-	ExtraTender15			•
ExtraTender4	•				
ExtraTender5	•				
ExtraTender6	•				
ExtraTender7	•				
ExtraTender8	•				
ExtraTender9	•				
ExtraTender10	•				
ExtraTender11	•				
ExtraTender12	•				
			Back	Nevt	

12. In Transaction configuration details, select the options required for the merchant, and then click **Next**.

Transaction configue Please configure transaction level	ration details				
Adjust Tip		Enabled	Local Printer	Disabled	
Adjust Tip 2	Disabled		List Local Printers	Disabled	
Allow Tab Auth		Enabled	Print Failed Receipt	Disabled	
Code 2Y on Simphony 1	Disabled		1	-	
Gift Card Support	Disabled				
Use GC denominated value	Disabled		1		

Figure 4-8: Transaction configuration details

- Adjust Tip: Enable to allow the ability to adjust tip amount.
- Adjust Tip 2: Enable if you need to adjust tip for a transaction that already includes tip.
- Allow Tab Auth: Enable if initial authorizations are allowed.
- Code 2Y on Simphony 1: Enable if you need specify SimphonyV1 as 2Y.
- Gift Card Support: Enable if gift cards will be sold.
- Use GC denominated value: Enable to determine gift card amount from customer card.
- If disabled, the POS asks the cashier to input the amount of gift card when activated.
- If cashier input amount is 0.0, the amount of the gift card will from customer.
- Local Printer: Enable Local Printer
- List Local Printer: List Local Printer
- Print Failed Receipt: Enable if vouchers should print when a card is declined.
- **13.** In Configuration details, enter all required values.

OGDH Installer		States in the local division of		
Configuration details Nease configure OPI server location de	tails and Miscellaneous settings.			
Host / IP Address		Tab Auth Amount	50.00	
Port	5098	Receipt Limit Amount	0.00	
Timeout (Transactions)	60	GC activation menu item		
POSEOD Timeout	80	GC top-up menu item		
POSEOD Device Merchant ID	9701 9702 9702 9702 9702	SIM File Name	pms7.isl	
			Back Next	Clos
ORACLE				
HOSPITALITY				

#### Figure 4-9: Configuration details

- Host / IP Address: Enter IP address of the OPI server PC.
- **Port:** Port used to communicate to OPI.
- Tab Auth Amount: Initial authorizations will default to this preset amount.
- Receipt Limit Amount: Enter the amount, below which vouchers should not print.
- GC activation menu item: Enter the GC activation menu item.
- GC top-up menu item: Enter GC top-up menu item.
- POSEOD Device Merchant Id: Make sure there are no duplicate merchant IDs.
- 14. Click Next.
- 15. Click **Save** on the OPI Service Configuration screen.

# Point-of-Sale (POS) End-of-Day (EOD)

You can use the Microsoft Windows Task Scheduler to run the OPI POSEOD using the following configuration details.

#### Table 4-1: Microsoft Windows Task Scheduler configuration details

Temporary	Table
Name	OPI POSEOD
Description	Generates the OPI transaction report
Trigger	Daily
Action	Start a program

Temporary	Table
Program/script	Browse to find POSEOD.exe in OGDHDriver directory
Add arguments(optional)	the upper level of the POSEOD.exe path
Start in (optional)	The upper level of the POSEOD.exe path

For more information on how to setup the Microsoft Windows Task scheduler visit the Microsoft website at the following URL: http://www.microsoft.com

# 5 Installing the OPI

- 1. Copy **OraclePaymentInterfaceInstaller\_19.1.0.0.exe** to the Server and double-click it to launch the install.
- 2. Select your language, and then click OK.
- 3. Click **Next** on the Welcome to the InstallShield Wizard for Oracle Payment Interface screen.
- 4. Click **Next** on the OPI Prerequisites screen.

## Figure 5-1: Setup Type

Oracle Payment Interface - InstallShield Wizard	×
Setup Type Select the setup type to install.	Z
Please select a setup type.	
• Complete	
All program features will be installed. (Requires the most disk s	space.)
C Custom	
Select which program features you want installed. Recommend advanced users.	ded for
InstallShield	1
< Back Next >	Cancel

- The Setup Type screen appears.
  - Complete: All program features will be installed.
  - Custom: Select which program features you want installed. Recommended for advanced users only.
- 5. Make a selection, and then click **Next**.

#### Figure 5-2: Select Features

Oracle Payment Interface - InstallShield Wizard	×
Select Features Select the features setup will install.	
Select the features you want to install, and desc Database Schema OPI Services Configuration Tool 157.84 MB of space required on the C drive	elect the features you do not want to install. Description Sets up the Database components for the defined schema.
43653.20 MB of space available on the C drive InstallShield	< Back Next > Cancel

- If you selected the Custom install option, the Select Features screen appears with the following options:
  - Database Schema
  - OPI Services
  - Configuration Tool

All three of these features must be installed. It is just a matter of whether they are all installed on the same computer or on separate computers.

6. Select the features to install on this computer, and then click **Next**.

The Choose Destination Location screen appears.

- 7. Accept the default installation location or click Change... to choose a different location, and then click **Next**.
- 8. Click **Install** on the Ready to Install the Program screen.

The Setup Status screen displays for a few minutes.

9. The Setup Type screen appears.

## Figure 5-3: Select Database

Oracle Payment Interface - InstallShield Wizard	×
Select the setup type that best suits your needs.	
Select Database being used.	
MySQL	
C SQL Server	
C SQL Express	
C Orade DB	
InstallShield	
< Ba	ck Next > Cancel

10. Select the database type being used, and then click Next.



## Figure 5-4: Database Server

Oracle Payme	nt Interface - InstallS	hield Wizard		×
Database S	erver			K
Enter the D Enter the P	atabase Server Name or I ort Number.	P.		
Name/IP:	localhost			
Port #:	3306			
InstallShield				
ana sana incia		< Back	Next >	Cancel

The Database Server screen appears.

**Name/IP:** field defaults to localhost. This should be left as localhost if the OPI database is installed on the same computer. If the database is installed on another computer, the Name or IP address of that machine should be entered here.

	NOTE: If the database type is MySQL, and you cannot use localhost for the Name/IP field, then some commands must be run manually on that MySQL database before proceeding. See MySQL Grant Permission in the OPI Installation and Reference Guide for instructions. Setup will not complete if this is not done.
1	<ol> <li>Accept the default Port # of 3306 (for MySQL), and then click Next.</li> </ol>

The Database Server Login screen appears.

Figure 5-5: Databas	se Server Login
---------------------	-----------------

Oracle Payment Interface	- InstallShield W	izard		×
Database Server Login Database server requires	ogin credentials to	continue.		Z.
DBA User				
Login ID:				
Password:				
InstallShield				
		< Back	Next >	Cancel

- 12. Enter the credentials for the DBA user of the database type selected, and then click **Next**.
- For MySQL the Login ID: = root
- For other database types the DBA user name/Login ID may be different.
- Enter the correct password for the DBA user.

The Database User Credentials screen appears.

Figure 5-6: Database L	<b>Jser Credentials</b>
------------------------	-------------------------

acle Payment Interface	- InstallShield Wizard
Database User Credenti	als
Enter the user name and by the Oracle Payment In Password is case sensitive one upper case letter, on following list: !@#\$%^&* User Name:	password to create a new database user account that will be used terface application. e, should be at least 8 characters in length and must have at least e lower case letter, one number and one special character from the
[]	
Password:	
	1
Confirm Password:	
stallShield	
sudii di mala	
	< Back Next > Cancel

- User Name: Create a new user.
- **Password**: Create a password.
  - Password is case sensitive
  - Should be at least 8 characters in length
  - Must have at least one upper case letter, one lower case letter, one number and one special character from the following list: !@#\$%^&\*
- 13. Confirm the password, and then click Next.
- 14. Click **OK** on the Database connection successful dialog.
- 15. Click **OK** on the Database Configuration operation successful dialog.

The Configuration Tool Superuser Credentials screen appears.

#### Figure 5-7: Superuser Credentials

cle Payment Interface -	InstallShield Wiz	zard		
onfiguration Tool Superu	ser Credentials			Z
Enter the user name and patool. Password is case sensitive, one upper case letter, one I following list: !@#\$%^&* User Name:	ssword to create ti should be at least 8 ower case letter, o	ne super user a 8 characters in 1 ne number and	ccount for the cor length and must h one special chara	nfiguration ave at least cter from the
Password:				
Confirm Password:				
allShield				

- User Name: This can be any user name. It does not have to be a Windows account user.
- **Password**: Create a password.
  - Password is case sensitive
  - Should be at least 8 characters in length
  - Must have at least one upper case letter, one lower case letter, one number and one special character from the following list: !@#\$%^&\*
- 16. Confirm the password, and then click Next.
- 17. Click **OK** on the Create SuperUser operation successful dialog.

The Configuration Tool Connection Settings screen appears.

## **Figure 5-8: Connection Settings**

Oracle Payn	ent Interface - InstallShield Wizard		×
Configura	tion Tool Connection Settings		L,
Please er (ex. Hos	ter the Configuration Server Connection Information: t: Port: 8090 / Host:	Port: 8090 )	
Host:	192.0.2.1	Port: 80	190
InstallShield –	< Back	Next >	Cancel

- Host: Enter the IP address or server name of the PC where the OPI Config Service is installed. This will be the PC where you selected "OPI Services" to be installed.
- Leave the default Port of 8090.
- 18. Click Next.

The Configuration Tool Passphrase screen appears.

## Figure 5-9: Configuration Tool Passphrase

	istansincia meara	
onfiguration Tool Passphr	ase	Z
Please enter the Configuratio Passphrase is case sensitive, least one upper case letter, of from the following list: !@#\$'	n Tool Passphrase. should be at least 15 characters in length and ne lower case letter, one number and one sp %~&*	d must have at ecial character
Passphrase:		
Confirm Passobrase		
allShield	< Back Next >	

- Passphrase: The passphrase is case sensitive, should be at least 15 characters in length and must have at least one upper case letter, one lower case letter, one number and one special character from the following list: !@#\$%^&\*
- 20. Enter a passphrase, confirm it, and then click Next.

After a brief pause, the Configuration Wizard launches.

Figure 5-10: Configuration Wizard

🏶 Oracle Payment Interface - Configuration Wizard	
Oracle Payment Interface - Configuration Wizard	
Place select the OPT instance mode	
FROM SERVICE OF A HISTORICE HISTORY	
V POS	
Native Driver	
OGDH	
PMS	
Opera	
Cruise	
ORACLE'	Next Close
HOSPITALITY	

- 21. Select POS, Select OGDH, and then click Next.
- Figure 5-11: Configuration Wizard

📽 Oracle Payment Interface - Configuration W	izard		
Oracle Payment I	nterface - Configuration	n Wizard	
POS OGDH Configuration			
This password will be used by OPI	to secure the Certificate for OGDH connec	tions.	
Password must be at least 8 chara number and one special character	cters in length and include at least one up from the following list: !@#\$%^&*	percase letter, one lowercase letter, one	
Password:	•••••		
Confirm Password:	•••••		
ORACLE		Back Next	
HOSPITALITY			

22. Enter and confirm the passphrase, and then click Next.

OPI Interfaces			
PMS	OFF		
POS	ON	POS Service Port:	5098
OPI to PSP Communication Co	nfiguration:		
OPI Mode:	Middleware 👻	Enable Mutual Authe	ntication
Private Key Cert. Password:		Confirm Password:	
Root Certificate Password:		Confirm Password:	
Primary Host:	https://pspshost:443	Proxy Host:	Enter HTTP Proxy Host
Failover Host:	https://pspsfailoverhost:	Proxy Port:	Enter HTTP Proxy Port

- 23. OPI Payment interface
- **Enable Mutual Authentication:** Enable this option only if the PSP has provided the certificates and passwords for it.
- Private Key Cert. Password: Enter the password and confirm it.
- Root Certificate Password: Enter the password and confirm it.
- **OPI Mode**: Select either Middleware or Terminal.
- Middleware: Fill in primary host connection information and the failover Host information (if provided).
- Terminal: Select correct Port.
- If using Mutual Authentication, see the *Mutual Authentication* section in the Oracle Payment Interface Installation and Reference Guide.
- 24. Add merchant and fill the field according Merchant information.

Figure	5-12:	Merchant	information
--------	-------	----------	-------------

Oracle Payment Interface - Configuration	n Wizard	
Oracle Paymer	t Interface - Configuration Wizard	
POS Merchant		
POS Type:	Simphony First Edition 🔹	
Merchant Type:	Restaurant 💌	
Merchant ID:	Enter Merchant ID	
Merchant Name:	Enter Merchant Name	
Merchant City:	Enter Merchant City	
Merchant State or Province:	Enter Merchant State or	
Merchant Country/Region:	United States of America 👻	
DRACLE'		Next Cancel
HOSPITALITY		

- 25. Complete the following Merchant Terminal Configuration fields:
- Workstation ID: Enter the workstation number from the POS system.
- Terminal IP: Enter the IP address of the pinpad device
- 26. Click Next. The POS Merchants screen appears.
- 27. Click **Close** to advance to final screen.

## Figure 5-13: Wizard Complete

Oracle Payment Interface - I	nstallShield Wizard
	InstallShield Wizard Complete The InstallShield Wizard has successfully installed Oracle Payment Interface. Before you can use the program, you must restart your computer. • Yes, I want to restart my computer now. • No, I will restart my computer later. Remove any disks from their drives, and then click Finish to complete setup.
	< Back Finish Cancel

28. Click Finish to reboot.

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



# 6 Upgrading the OPI and OGDH

**VERY IMPORTANT:** Read and follow the upgrade directions.

Note: OPI 6.1 and higher can be upgraded to OPI 19.1.

# OPI 6.1 to 19.1.0.0 Upgrade Steps

- Right-click and Run as Administrator the OraclePaymentInterfaceInstaller\_19.1.0.0.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.

#### Figure 6-1: OPI Prerequisites screen

Trerequisites		2
ollowing is some information re	lated to your system:	
Current Date & Time 23-05-20 Free space on drive C: 357661 Extended memory: 3145272 k Selected language: English/100 Computer default language: Ei This is a 64 bit Operating Syste OS version Windows 7 Ultimate OS version 6.1 Found Java version JRE 1.8 Found Java Home C: \Program A version of OPI has been fou	18 14:16:47 MB ( 33. nglish/1033. em. e Service Pack 1 Files\Java\jre 1.8.0_131 nd.6.1 d - C:\OraclePaymentInterface	
A 0.1 VEISION OF TIS INStaller		

5. Click OK on the OPI Upgrade screen.

### Figure 6-2: OPI Upgrade screen



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

If you click No, you will have both OPI 6.1 and OPI 19.1 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.

#### Figure 6-3: Uninstall screen

Are you sure ; and all of its o	you want to com components?	ipletely remov	e Oracle Payme	nt Interface
		r		
	Are you sure and all of its	Are you sure you want to com and all of its components?	Are you sure you want to completely remov and all of its components?	Are you sure you want to completely remove Oracle Payme and all of its components?

- Choose a Destination Location. Accept the default installation location or click Change... to choose a different location and Click Next
- 8. The Ready to Install the Program screen displays and 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: Enter the IP address or server name of the PC where the OPI Config Service is installed. This will be the PC where you selected "OPI Services" to 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.

#### 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.

# OPI 6.2 to 19.1.0.0 Upgrade Steps

- Right-click and Run as Administrator the OraclePaymentInterfaceInstaller\_19.1.0.0.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. .

### Figure 6-4: Welcome screen

Oracle Paymen	t Interface - In	istallShield Wiza	ard		×
	さ	Welcome to Payment Ir	the Installs terface	ihield Wizard fo	r Oracle
		The InstallShi	eld Wizard will	install Oracle Payn	nent
Oracle	Payment Inter	rface - InstallSh	nield Wizard		×
6	This install w	ill perform a major	r upgrade from	6.2.0.0 to 19.1.0	.0.
				0	K
		[	< Back	Next >	Cancel

4. Click Next on the OPI Prerequisites screen.

#### Figure 6-5: OPI Prerequisites screen

DPI Prerequisites	stalishielu i	Vizaru	1	1
Following is some information	elated to you	r system:		
Extended memory: 3177976 The Schema Feature has been The Services Feature has been Selected Language: English/ Computer default language: This is a 64 bit Operating Sys OS version Windows Server OS version 6.1 Found Java version JRE 1.8 Found Java Home C:\Progra A version of OPI has been for	K n previously in previously in co33. English/1033. tem. 2008 R2 Stand m Files\Java\jr und.6.2	istalled. nstalled. talled. lard Service Pack ie1.8.0_60	1	× 
allshield				
		< Back	Nevt 5	Cancel

- Choose a Destination Location. Accept the default installation location or click Change... to choose a different location and Click Next.
- 6. Click Install. When The Ready to Install the Program screen displays.
- 7. Click **OK** when The Database upgrade operation was successful screen displays.
- 8. Enter the configuration Server connection information

)racle Payr	nent Interface - InstallShield Wizard	2
Configura	ation Tool Connection Settings	
Please e (ex. Ho	nter the Configuration Server Connection Informa st: Port: 8090 / Host:	ation: Port: 8090 )
Host:	192.0.2.1	Port: 8090
anter li Chatal al		
nstallShield -	< Back	: Next > Cancel

Figure 6-6: Configuration Tools Connection Settings Screen

9. Click **Finish** to restart your computer.

Oracle Payment Interface - In	nstallShield Wizard
	InstallShield Wizard Complete The InstallShield Wizard has successfully installed Oracle Payment Interface. Before you can use the program, you must restart your computer. Yes, I want to restart my computer now. No, I will restart my computer later. Remove any disks from their drives, and then click Finish to complete setup.
	< Back Finish Cancel

Figure 6-7: InstallShield Wizard Complete screen

# OGDH 6.1 to 19.1.0.0 Upgrade Steps

- 1. Right-click and Run as Administrator the **OGDH\_OPI\_19.1.0.0.exe** file to perform an upgrade.
- 2. Click Next on the Welcome screen to proceed with the installation.
- 3. Click Next on the Upgrade files screen.

### Figure 6-8: Upgrade Files screen

0GDH Installer		X
Upgrade files		
The files listed below will be updat information in these configuration the current installation and try ag	ed during the upgrade process. Please make sure files is accurate for your environment, if not, ple ain once the files have been verified or corrected	e that the ase cancel I.
ל::\MGDHDriver\PropertyID1_OP C:\MGDHDriver\PropertyID1_OP C:\MGDHDriver\PropertyID1_OP C:\MGDHDriver\PropertyID1_OP	I_Simphony_1.6.1000.5\sim\MGDH.inc I_Simphony_1.6.1000.5\sim\OPI.inc I_Simphony_1.6.1000.5\poseod\MGDH.inc I_Simphony_1.6.1000.5\poseod\POSEOD.inc	*
		₹ F
instalishield	<back next=""></back>	Cancel

- 4. Choose a Destination Location. Accept the default installation location or click **Change...** to choose a different location.
- 5. Click Install to install OGDH.
- 6. Click YES to remove MGDH.

## Figure 6-9: Setup Status screen

The InstallShield	d Wizard is installing O	SDH		
MGDH OF	PI Solution package	: Uninstall		×
Insta	Are you sure you w package and all of it	ant to completely remove s components?	MGDH OPI Solut	tion
		Ye	s   🗾	No

- On the Connect to SIMPHONYFE database screen, click Connect or Skip DB Connection. If you connect to SIMPHONYFE database you need select the DB type, enter the Host or IP address, Port, DB name/SID, Username and Password.
- 8. In Tender mapping configuration, link the correct tender number for each tender. Leave unused tenders blank.

🔝 OGDH Installer		_ 🗆 🗙
Tender mapping of Please configure tender medi	D <b>nfiguration</b> mapping details.	
WeChat Pay AliPay GC Cæh-out SVC	• •	
	Back Next	Close

## Figure 6-10: Tender mapping configuration screen

9. In Extra Tender mapping configuration, if you need use extra tenders, enable the extra tenders option, and link the correct tender number for each tender. Leave unused tenders blank.

Examinenter				-
ExtraTender2	•	ExtraTender14		-
ExtraTender3	•	ExtraTender15		*
ExtraTender4	-			
ExtraTender5	•			
ExtraTender6	-			
ExtraTender7	•			
ExtraTender8	•			
ExtraTender9	*			
ExtraTender10	•			
ExtraTender11	•			
ExtraTender12	•			

## Figure 6-11: Extra Tender mapping configuration screen

10. In Transaction configuration details, select the options required for the merchant, and then click **Next**.

OGDH Installer				
Transaction configur Please configure transaction level	ration details			
Gift Card Support Use GC denominated value	Disabled	GC activation menu item GC top-up menu item		
			Back Next	Close

Figure 6-12: Transaction configuration details screen

11. Click Finish.

# Figure 6-13: Update Complete screen

OGDH Installer	
	Update Complete The InstallShield Wizard has updated OGDH to version 19.1.0.0.
	< Back Finish Cancel

# OGDH 6.2 to 19.1.0.0 Upgrade Steps

- 1. Right-click and Run as Administrator the **OGDH\_OPI\_19.1.0.0.exe** file to perform an upgrade.
- 2. Click **Next** on the Welcome screen to proceed with the installation.
- 3. Click Finish.

## Figure 6-14: Update Complete screen

OGDH Installer	
	Update Complete The InstallShield Wizard has updated OGDH to version 19.1.0.0.
	< Back <b>Finish</b> Cancel

# 7 Not Supported Functionality

Not supported with RES Native OPI solution:

- Gift Cards (SVC works as usual thru workstation. Not thru OPI or PED.)
- Balance Inquiry
- Void a refund (RES limitation)
- Debit (RES Native OPI)
- SaleCashBack (RES Native OPI)
- Backup OPI Server

Not supported with RES OGDH:

- Incremental Auth
- Void a Refund (RES limitation)
- CC voice / Manual entry in QSR revenue center
- Backup OPI Server
- Voiding the tender from a SaleCashBack transaction.

Not supported in the e7 Native OPI driver solution:

- Gift Cards
- Balance Inquiry
- Void a refund (e7)
- Debit (e7)
- SaleCashBack (e7)
- Multiple Revenue Centers (e7)
- Memo Tender (e7)
- CC Voice/Manual CC for QSR (offline sale)
- Backup OPI Server
- Backup server mode (e7)
- Pay@Table
- Transaction Void (e7)

