Oracle Hospitality Payment Interface OPERA Web Service (OWS) OPI Installation Guide



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# Preface

#### Purpose

This document describes how to organize environments for an installation of the Oracle Payment Interface (OPI) for OPERA Web Service (OWS) On Premise Token Exchange Service

#### Audience

This document is intended to cover the steps required to set up OPI for Opera Web Service to handle the On Premise and Hosted Token Exchange functionality.

This document covers only the configuration of the OWS functionality, it does not cover in detail, installation of the OPI software and IFC8 merchant configuration, separate documentation already exists to cover this.

#### **Customer Support**

To contact Oracle Customer Support, access the Customer Support Portal at the following URL:

#### https://iccp.custhelp.com

When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take

#### **Documentation**

Oracle Hospitality product documentation is available on the Oracle Help Center at

http://docs.oracle.com/en/industries/hospitality/

#### **Table 1 Revision History**

Date	Description
June 2024	Initial Publication



# 1 OPERA Web Service (OWS)

OWS is a collection of Windows based Web Services that provide access to OPERA Functionality and can also act as an interface between external applications such as Web Booking Engines, and Kiosks.

Any reservation from OWS with a Primary Account Number (PAN) is sent to the Token Proxy Service (TPS) to tokenize and then the token is stored with the reservation in Property Management System (PMS).

Any reservation from OWS sent with a Token, can be sent directly through to PMS.



# 2 OWS vs. KIOSK

# OWS

- An OPERA Electronic Distribution Suite (OEDS) installation with its own OPW\_500 license.
- Scheduled as a 24 hour installation as it requires some OPERA configuration and training (8 less hours for hosted).
- OWS will not always have a vendor to schedule, as it is commonly used by the site's own website's booking engine and therefore may be tested by the hotel themselves (This would be considered a 'Generic OWS').
- Rare Medium, Sandrix, and Owner Relations are examples of OWS vendors you may encounter.

## **Kiosk**

- An OEDS installation that has its own PMS Add-On license OPP\_KSK.
- It does not require an OWS license to operate and therefore an OWS license does not need to be sold along with the OPP\_KSK license.
- Utilizes OWS services on the OEDS server, which is why it is commonly associated with OWS (Currently there are no specific KIOSK services installed on the OEDS server, however there were in the past).

Not all Kiosk interfaces follow this rule. Intelity (KeyPR) is a popular kiosk interface that uses Kiosk, OWS, and even OXI, if used at full potential. Depending on what the site wants, Intelity would require each license purchased individually and would require a minimum of 3 days (less 8 hours for hosted). Always refer to the Kiosk Vendor installation guide's first few pages to confirm required licenses.

### NOTE:

For OPI/KIOSK integration, O2G must be configured in the Channel Configuration, which does require an OWS license to activate. However this is NOT considered the same thing as purchasing the OWS license and therefore would not be billed to the client as such.

# 3 Introduction

When OPI is connected to OPERA, the Kiosk vendor has the ability to activate a pin-pad device just like a front desk workstation. This ensures the authorization and settlement functionality remains the same in all areas of the application. The following is needed for the solution to work correctly:

- OPERA PMS connected to a validated Payment Service Provider (PSP) via OPI.
- OWS-KIOSK is installed on the OEDS server.
- The OPERA Kiosk license code must be activated.
- The OPERA2Go license code must be activated.
- The Payment Terminals are configured in OPERA Configuration Valid SSL Certificate is active on OEDS server.

# 4 Dataflow

The following describes the dataflow the vendor follows for integration to OWS-KIOSK with a connected OPI interface:

- The Vendor performs **Reservation.FetchBooking** to retrieve the reservation from OPERA PMS.
- The Vendor performs **Information.QueryLov** to retrieve the list of configured devices. This is an optional request if the vendor has hardcoded the device list on their side. Note the values returned will either be the encoder value in OPI or if the OPI vendor is set to middleware, then the terminal ID is set in the middleware.
- The Vendor performs **ResvAdvanced.AddPayment** to activate the device to put a new card into OPERA. This call sends a request to authorize the card.
- Check-out uses the card on file that was authorized at check-in unless a new card is provided.
- The Vendor, using a **ResvAdvanced.CheckIn** or **ResAdvanced.CheckOut**, will replace the card on file.

# 5 Communication Flow Diagram



### Figure 5-1 OWS Contactless Check In

# 6 Kiosk Install for V5 Environments

- 1. Configuration > Setup> License codes > PMS> Add-On License .
- 2. Scroll Down to the OPP\_KSK record and click EDIT.
- 3. Enter License Code and place a tick into the **Active** Box to enable the interface in OPERA.
- Select OK. If installing in a multi-property PMS environment, repeat for EACH PMS property.

Figure 6-1 Edit Addon License

Application	OPERAPMS
Property	FSDH
Resort Name [	Property 1 Opera Demo Multi Hotel
License Name [	OPP_KSK
License Desc. [	Klosk Interface
License Code	

- a. Select 'Generate Data'
- b. Check 'Allow Check In'
- c. Check 'Allow Check Out'
- d. Select All Windows for CheckOut
- e. Select All Methods of Payments
- 5. If installing in a multi-property PMS environment, repeat for EACH PMS property.
- 6. Complete the rest of the setup via V5 configuration screens as noted in the manual:
  - a. Setup > Kiosk Configuration > KIOSK Channel
  - b. Setup > Kiosk Configuration > O2G Channel
  - c. Application Settings > OWS group > Settings > Fetch\_Reservation parameter to ALL (may require activation of the OWS license to change, then deactivate the OWS license).

7. . If the O2G is to be used, the following must set up:

# a. OPERA Configuration> Interface Configuration> Select the OPI Interface > Select Workstation Setup tab.

### Figure 6-2 Workstation Setup Edit

Terminal	E	ncoder #	Location	Туре	
CHPPINDVC1	1		Chip & Pin Device 1	М	
CHPPINDVC2	2		Chip & Pin Device 2	M	
	🧟 Workstatio	n Setup - E	Edit		
	Terminal C Encoder# 1 Location	CHPPINDV I Chip & Pin I	C1 ±		New Edit
	Type 🛛	lobile Encod	ier 💌 🚽		Delete
		<u>0</u>	K <u>C</u> ancel		

#### Figure 6-3 Workstation Setup Edit

Terminal	Encoder #	Location	Туре 📥	
CHPPINDVC1		Chip & Pin Device 1	м	
CHPPINDVC2	2	Chip & Pin Device 2	M	
	🙀 Workstation Setup - I	Edit		
	Terminal CHPPIND	vC1 ±		
	Location Chip & Pin	Device 1		New Edit
	Type  Mobile Enco	der 🗾 📃	•	Delete
	C	2K Cancel		

- b. Terminal –Maps to the encoder on the PSP side of OPI (if Middleware is used for the OPI vendor, then it needs to be same terminal ID as set in middleware). Do not select from the drop-down, type it in. The Terminal is limited to 16 characters just like front desk setup.
- c. Encoder# Is not used, however may be required to enter. It can be the same as the Terminal, however due to BUG 31108396, the value must be 10 characters or less. It is advised to use a numerical scheme, starting at 1 and going up on subsequent devices.
- d. Location Free text
- e. Type Must be sent to MOBILE ENCODER

### NOTE:

If installing in a multi-property PMS environment, repeat for EACH PMS property.

# O2G Kiosk Interface Setup Form

- 1. Select Configuration> Setup> Kiosk Interface > Select O2G from the Channel LOV and click OK
- 2. Set up the form as show here:
- 3. Select 'Generate Data'
- 4. Check 'Allow Check In'
- 5. Check 'Allow Check Out'
- 6. Select All Windows for CheckOut
- 7. Select All Methods of Payments

If installing in a multi-property PMS environment, repeat these steps for EACH PMS property.

Kiosk Interface	
Guest Stationery	Room Type Change
C Print	Allow Rate Change
C Generate <u>F</u> iles	Allow if multiple rates
	Price Delta %: +
Allow Check In	
Allow Check Out	
Checkout if all Windows paid by	Guest
Print only those windows paid by	quest
Credit Card Authorization by Exte	rnal System
Generate Advance Bill at Check	in .
Windows for Check Out 123456	7.8
Walkin Data Oa daa	
waikin Rate Codes	
Default Market Code	<u>+</u>
Default Source Code	<u>±</u>
Available Package Codes	±
Method Of Payments AX.CA.CK.	CS.DB.DS.MC.ORAP.PP.VA.V
Check In Start Time Ston T	lime
Check Out Start Time Stop T	
02G	QK Close

### Configuring Vendor OPI Devices in OPERA

This setup allows the interface to pull a list of encoders to choose from. Some vendors have encoders hardcoded on their side, other vendors provide the ability to select from list of devices.

- 1. To configure in OPERA> Select Configuration> Interface Configuration
- 2. Select the OPI Interface > Select Workstation Setup tab

#### Figure 6-5 Configuring Vendor OPI Devices

Interface # 700							
IFC Type EFT 👱 Product Cod	e OPI	Menu type		🛓 Menu na	me	License Code	1523658745
Name OPI Test interface		Machine AS	WOVEPIFC8		Controller Port 5002	Version	13.0.0
Interface ID OP01 IFC8 Product Cod	e XML_OPI	Program c:\	fidelio\ifc8\ifc8.	exe	▼ Vnc Port 5800	Cashier ID	13 🛓
Active Y/N Display IF	C 🗌 Auto start	Path ID 1	Timeo	out 210	Msg Expires after		Use Data Through
XML Configuration	General (	Class of Service	e   Import I	Rooms V	Vorkstation Setup Translation	Custom Dat	a
	Terminal			Encoder#	Location	Туре	
	MOBCONCIERGE			MOBCONCIE	Mobile Concierge	М	
	MOBILE1			MOBILE1	Mobile 1	M	
	MOBILE2			MOBILE2	Mobile 2	M	
	MOBVALET			MOBVALET	Mobile Valet	м	
							New
							Edit
							Delete

#### Set up the form as shown here:

- a. Terminal The Terminal maps to the encoder in OPI (if Middleware is used for the OPI vendor, then it needs to be the same as the terminal ID as set in middleware). Do not select it from a drop down, type it in manually. If the Terminal is longer than 10 characters, only use the last 10.
- b. Encoder# -
- c. Location Free text
- d. Type Must be sent to MOBILE ENCODER
- e. If installing in a multi-property PMS environment, repeat for EACH PMS property.

#### Figure 6-6 Workstation Setup Edit

😨 Workstation S	Setup - Edit	
Terminal MO	BCONCIERGE	<u>+</u>
Encoder# MOE	BCONCIERGE	
Location Mob	ile Concierge	
Type Mob	ile Encoder	•
	<u>Q</u> K <u>C</u> ancel	

### NOTE:

Encoder# field must be kept to 10 characters or less for ALL OPI involving OWS.

# **OPERA Sample Screenshots**

## Check in With Authorization

#### Figure 6-7 Check In Authorization

Nan	ne Smith-Si	chuster		]]	Phone	<u></u>			Agent		
First Nan	ne Juju				Member Type			±	Company		
TI	tie	± 00	untry US	±	Member No.				Group		
Langua	ge (E	±	VIP [	<u>.</u>	Member Lvl.		_				
More Fields	1										
Arrival	11/22/17		Nednesday		Res. Type	HG	±	Hotel Guaran	Guest	Balance	
Nights	3				Market	RACK	•	Rack	Disc.	Amt.	%
Departure	11/25/17		Saturday		Source	D	+	Domestic	Rei	nose	
Adults	2 Child	0			Origin	T	•	Telephone			
No. of Rms.	1				Payment	MC	+		Spe	cials	
Room Type	KING	±	RTC. KING		Credit Card No.	00000	0000	000009 🔁	Comm	ents	
Room					Exp. Date	12/22					
Rate Code	RACK	±	Fixed Rate	Γ.	CRS No.						
Rate	1	0.00			Approval Code	OK10	2Z.				
Packages		±			Approval Amt.			184.05			
Block Code		1	ETA		Suite With						
					Confirmation	Г					

#### Figure 6-8 User Activity Log Details

Jser	Time	Drate	Action Type	Description	<u> </u>
EDS\$OWS	10.16	11/08/18	User Activity	Log Details	DIT CAF
EDSSOWS	10.16	11/08/18			OVAL C
EDS\$OWS	10.15	11/08/18	I User	OEDS\$OWS	tuster,-
UPERVISOR	10.11	11/08/18	I Time	10:16	17-11-
			Date	11/08/18	
			Station ID	OPERAIFC	
	-		Action Type	RECORD CREDIT CARD APPROVAL	
			APPROVED OK102Z, FO	184.05 CAD, FOR PAYMENT TYPE MC , APPROVAL CODE : ▲ R CONFIRMATION #32650, FOR Smith-Schuster, Juju	
	-			Close	



#### **Figure 6-9 Authorization Fields**

⊡ a	uthorizations		E Payments E Refunds			□ Eailures		
Date	Time	Amount	Approval	CC Type	Credit Card	Expiration	Transaction Type	
11/22/17	10:16	184.05	OK102Z	MC	000000000000000000000000000000000000000	12/22		

#### Figure 6-10 User Activity Log Details

User	Time	Date Act	on Type	Description	<u> </u>	
OEDSSOWS	10:26	11/08/18 CH	ECKIN	Smith-Schuster, Juju has checked in Inspec	ted room 0133 on 11/	
OEDS\$OWS	10:26	11/08/18 UP	DATE RESERVATION	ROOM -> 0133 RESERVATION TYPE HG ->	CHECKED IN	
OEDS\$OWS	10:16	11/08/18 UP	DATE RESERVATION	WINDOW NUMBER 1 PAYMENT METHOD O	CA-> MC CREDIT CAF	
OEDS\$OWS	10:16	11/08/18 RE	CORD CREDIT CARD A	PLAPPROVED 184.05 CAD, FOR PAYMENT TY	PE MC , APPROVAL C	
OEDS\$OWS	10:15	User Activity	Log Details		st Smith-Schuster,	
SUPERVISOR	10:11				0 ARR = 2017-11-	
		User	OEDS\$OWS			
		Time	10:26	1		
		Date	11/08/18	1		
		Station ID	UNDEFINED	i		
		Action Type	CHECKIN			
		Smith-Schu	ster, Juju has checked i	n Inspected room 0133 on 11/22/17		
	-	- 1				Danad
		_			-	Cabou
					-	Details
4	÷				1	Çlose

# 7 Kiosk Install for 1.20 Environments

## 1.20 Environment - License Activation

1. Kiosk License: Toolbox > OPERA Licenses > PMS > Activate OPP\_KSK.

#### Figure 7-1 Activate OPP\_KSK

CONCERNA & FRAME		Linear D	(141)			
CHF_301	VADa	Course of	ODEDA DHO			
OPERAADS CON. 300	1 Acres	196.000	UPERA PMS		Product Code OPP_508 Number of Rooms 155	
OPERAHCO	A rain		USDAS - Open Dens Troat, Smell		Equity Date	
CONCREMENTED	Area	Add on Lit		Acces to anoth	The looking fac.	PH
CPERAVOS CPU,NI	see.	0.01	OPP_EXP Experifies			1
OPERA VISS OPERATE	<b>√</b> Anna	0.0n	OPP_IDS 10 Description			
OPERA GES		0.0	OHH-KOK			
OPERAIPO		0.01	0 MIL.CR			-
OPERA MODILE		0	OPDG Daul M Herein			
		0.01	OP1_BID1 Asses Datament Hanager Report View			
OPERADIE		0.00	OPI_BD2 Assess Deterrent Reservation Stat: Dely View			
			1.00	an 212	- 19 P.	

 HCO License (If the vendor requires O2G functionality for OPI connectivity): Toolbox > OPERA Licenses > HCO.

Figure 7-2 License Details

OPERA Licenses			0
OGlobal @Propert	v usows	O Opera Demo Hotel, Briali	Search
Concerns a mart			
CPP_300	₩ Action		
OPERA ADS	1 Action	OPERA HCO	Product Code OHO_500
- 094,300		OPERAHCO	Faunder of Rooms 155
CHO, STO	A rain	UNOWS - Opera Demo Hotel, Small	Expery Gam
OPERA PMS	<b>√</b> Active	Add.on Licenses	hts tooking far.
	<b>V</b> A.000		
OPERA WSS OPW_500	<b>√</b> Active		
CPERA GOS			
OPERA IFC			

3. OWS License: Toolbox > OPERA Licenses > WSS.

#### **Figure 7-3 License Details**

OPERA Licenses						0
Octobal @Propert	usows .	P toes term	reset. Smart			AND .
			(181)			
OPERA 9 PMS	strain.	License D	etails			
OPERA 405	¥100	•	OPERA WSS		Product Casta: OPW_500 Number of Rooma. 155	
OPERANCO DIO DIO DI	¥		USDAB - Opera Densi Notel, Sirsell		Expiry Data	
CPERA PMS	4	Add-on Lk	censes	Acres I much	Pre-to-selling for	28
OPERA VOS	4	• or	OPW_GOOG Opera Occipie Intel Pricing Interfecte			
OPERA WEB	100	• or	OPW_RNEY Autom Nay Interface			
CPERA DDS		e or	OPW_WEET			
OPERA PC						
OPERA MOBILE						
COPERA ORMS		10				

## 1.20 Environment - Functionality Setup

1. Administration > Interfaces > Channel Mapping > Properties. Verify Mapping exists for O2G Channel.

#### Figure 7-4 Channel Mapping Workspace

Channel Mapping Workspi	909						(
t Want To	Search	e ozo p	Cha	nend Type 🗌	P		
	Properties	• [	<i>A</i>	080		Streen by	Seatch
() Amenibes	Channel	Property	Chaneel Property	Start Date	End Date	Cham Code	Default Rate Code
Credt Cards	02G DHERA2DO - MEM	USOWS	USOWS	39-09-2016		USNPS	
(a) Currencies							
Letters							
() Prosentes							
Reservation Types	R						

- 2. Complete the rest of the setup via V5 configuration screens as noted in the manual:
  - a. Setup > Kiosk Configuration > KIOSK Channel
  - b. Setup > Kiosk Configuration > O2G Channel
  - c. Application Settings > OWS group > Settings > Fetch\_Reservation parameter to ALL

**IFC Setup > OPI Interface > Workstation Setup >** Follow setup instructions for the V5 screens.

# 8 Kiosk Install for OPERA Cloud 20.X Environments

### NOTE:

If the Kiosk vendor is invoking the AddPayment function via the O2G channel, then the installation cannot be completed until the release and install of 20.4. If the vendor is not using this functionality, then please proceed with the following steps.

# **OPERA Cloud 20.X - License Activation**

- 1. Kiosk License: Toolbox > System Setup > OPERA Licenses > Select property > click SEARCH button >
- 2. Select 'OPERA Cloud PMS' > Scroll down and activate 'OPP\_KSK':

Figure 8-1 Kiosk Interface Activation



3. OWS license: Toolbox > System Setup > OPERA Licenses > Select property > click SEARCH button > Activate 'OPERA Cloud WSS':

#### Figure 8-2 OPERA Cloud WSS

Licenses	Active		
OPERA CLOUD PMS OPP_900		License Details	
OPERA CLOUD WSS OPW_900			
OPERA CLOUD ADS		OPW_900	
OPERA CLOUD SEM			
OPERA IFC		Product Code	Number of Rooms
OPERA ORMS		0, 11, 10	
OPERA OXI			



# **OPERA Cloud 20.X - Functionality Setup**

1. Administration > Interfaces > Channel Configuration > Channel Setup > Select the 3 dots next to New' and click 'Show Inactive':

**Figure 8-3 Show Inactive** 



2. Verify if O2G and KIOSK exist and are inactive. If inactive, Edit and add sub-channel mapping of same type (Kiosk does not need sub-channel). If not inactive and does not exist, create as shown below:

#### **Figure 8-4 Channel Overview**

Channel Overview				
External System Code 026 Description 0PERA260	External System Sub Type WEB Seil By RATE	Web site UBL		
Channel Setup Details Channel Details   Error Codes   Room Types   Sub-C	hannels	Rate Details Rate Categories Rate Levels		
ine Style 1 💌 Customize View				
Sub-Channels				•
A View Onlines				New
Sub-Channel			Sub-Channel Mapping	
026			0	1
			_	
Channel Overview				
External System Code KIOSK Description KIOSK INTERNAL CHANNEL	External System Sub Type WEB Sett By AATE	Web str URL		
Channel Setup Details Channel Details   Error Codes   Room Types   Sub-C	Damels	Rate Details Rate Categories Rate Levels		
View Style 1 💌 Customize View				
Sub-Channels				۰
View Options				New
Sub-Channel			Sub-Channel Mapping	
	No dat	a to display		_

**3.** Administration > Interfaces > Channel Controls > Select the KIOSK channel and Kiosk group and configure per the manual.

#### Figure 8-5 Search Channel

Search	
• Channel	
KIOSK	Q
Property	
EMEAPSRV	Q
	Sumh
Groups	
AR Uplead	
Avaiability	
Blocks	
General General	
S Kiosk	
Meeting	
Reament	
and the strength	
Rates	

4. Administration > Interfaces > Channel Mapping > Properties > Click NEW and add mapping for KIOSK and O2G:

#### **Figure 8-6 Property Management**

Property Management			
Required Field			
Channel KIÖSK	Channel Property     EMEAPSRV	DD.MM.VVVV 🛗	Room Limit
Property EMEAPSRV	Start Date 27.02.2019 West	City	

 Administration > Enterprise > OPERA Controls > Channel Management > change 'Fetch Reservation' to ALL:

#### Figure 8-7 Fetch Reservation

Fetch Reservatio		
This setting allows to	Web Suite Engine to retrieve reservation for either all reservations, regardless of entry point or for only created through OWS	í
ALL		

- Create a cashier in the front end for the chain KIOSK user. Administration > Financial > Cashiering Management > Cashiers:
  - a. One for the chain:

#### Figure 8-8 Manage Cashier

Manage Cashier			O Help
Required Field			Inactive
Cather D     100     Rame PROSEV KIOSK	Durting Assount 0.00 Maximum Duty Unit 90	Plost Over/Short	Casher     Interface Casher     LOAP Template
			Cancel Seve

b. Note the Cashier ID as this is needed for the script that needs to be run to activate the kiosk\_cashier\_yn flag.



- 7. Terminal Setup: Administration > Interfaces > Property Interfaces > Edit the OPI interface > Workstation Setup >
  - a. The Terminal maps to the encoder on the PSP side of OPI (if Middleware is used for the OPI vendor, then it needs to be same as the terminal ID as set in middleware). The **Terminal is limited to 16 characters just like the front desk setup.**
  - b. The Device IP/Encoder Number can be same as the Terminal, however due to BUG 31108396, the value must be 10 characters or less. It is advised to use a numerical scheme, starting at 1 and going up on subsequent devices.
  - c. Location: Give a useful name
  - d. Type: must be M

#### Figure 8-9 Workstation setup

Workstation Setup		×
* Required Field		
* Terminal	* Location	
CHPPINDVC1	Chip & Pin Device 1	
* Device IP/Encoder Number	Туре	
1	MQ	
Device Area		
Q		
	Cancel	Save

### NOTE:

For environments below 20.2 ONLY: The Cloud 20.1 script needs to be run by provisioning to create the cashier, then link cashier to the app\_user and add the record to the user\_Resort\_access table. The process for this is documented at PM OPERA Cloud Implementations.

# 9 FAQ & Sample XML Messages

# OWS messages for Kiosk use

# Information.QueryLOV

The Information QueryLov web service allows the list of configured terminals to be returned.



Request	Response
<soap:envelope xmlns:soap="http://schemas.xmlsoap.org/soa p/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSche ma-instance" xmlns:xsd="http://www.w3.org/2001/XMLSche ma"&gt; <soap:header> <ogheader transactionID="6fa734fa-b5e8-4b31-a6dc- 79c0dbc11251" timeStamp="2016-02- 12T08:46:49.4886644+01:00" channelValidation="false" xmlns="http://webservices.micros.com/og/4.3/ Core/"&gt; <origin entityID="O2G" systemType="PMS" /&gt;</origin </ogheader </soap:header></soap:envelope 	xml version="1.0" encoding="utf-8"? <soap:envelope xmlns:soap="http://schemas.xmlsoap.org/s oap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSc hema-instance" xmlns:xsd="http://www.w3.org/2001/XMLS chema" xmlns:wsa="http://schemas.xmlsoap.org/w s/2004/08/addressing"&gt; <soap:http: schemas.xmlsoap.org="" w<br="">s/2004/08/addressing"&gt; <soap:header> <ogheader transactionID="6fa734fa-b5e8-4b31-a6dc- 79c0dbc11251" timeStamp="2016-02- 12T02:46:49.4886644-05:00" primaryLangID="E"</ogheader </soap:header></soap:http:></soap:envelope 
<destination entityID="O2G" systemType="PMS" /&gt;</destination 	channelValidation="false" xmlns="http://webservices.micros.com/og/4
<authentication></authentication>	.3/Core/"> <origin <="" entityid="O2G" td=""></origin>
<usercredentials></usercredentials>	<pre>systemType= PMS /&gt;</pre>
<username>XXXX</username>	<ul> <li>Authentication&gt;</li> <li><usercredentials></usercredentials></li> </ul>
<domain>FSDH</domain>	<username>XXXX</username>
	<userpassword>XXXX</userpassword>
	<domain>FSDH</domain>    <wsa:action>http://webservices.micros.co m/ows/5.1/Information.wsdl#QueryLovRes ponse</wsa:action> <wsa:messageid>urn:uuid:afb36135- 57ee-4b29-af3e- 4ebdf9dbfa23</wsa:messageid> <wsa:relatesto>urn:uuid:609c1ebf-c78c- 4b03-9d9c- 41a8527c8216</wsa:relatesto> <wsa:to>http://schemas.xmlsoap.org/ws/2 004/08/addressing/role/anonymouso&gt; </wsa:to>
	<soap:body></soap:body>

Request	Response
qualifierType="HOST">O2Gier> <lovqueryqualifier qualifierType="RESORT"&gt;FSDHQualifier&gt;   <td><lovresponse xmlns:c="http://webservices.micros.com/og /4.3/Core/" xmlns:hc="http://webservices.micros.com/o g/4.3/HotelCommon/" xmlns="http://webservices.micros.com/ows /5.1/Information.wsdl"&gt;</lovresponse </td></lovqueryqualifier 	<lovresponse xmlns:c="http://webservices.micros.com/og /4.3/Core/" xmlns:hc="http://webservices.micros.com/o g/4.3/HotelCommon/" xmlns="http://webservices.micros.com/ows /5.1/Information.wsdl"&gt;</lovresponse 

### ResvAdvanced.AddPayment

The ResvAdvanced AddPayment web service activates the requested OPI vendor device for the guest to dip, swipe or manually enter the credit card. The Credit Card is then authorized and the authorization stored on the reservation. The interface uses the auth rule/amount that is on the reservation or the external system can pass in the desired auth rule/amount to be used.

Request	Response
Request with attached deposit rule on reservation (property default)	xml version="1.0" encoding="utf-8"? <soap:envelope< td=""></soap:envelope<>
xml version="1.0" encoding="utf-8"?	xmlns:soap="http://schemas.xmlsoap.or g/soap/envelope/"
xmlns:soap="http://schemas.xmlsoap.org /soap/envelope/"	xmins:xsi="nttp://www.w3.org/2001/XML Schema-instance"
xmlns:xsi="http://www.w3.org/2001/XML Schema-instance"	Schema"
xmlns:xsd="http://www.w3.org/2001/XML Schema">	ws/2004/08/addressing">
<soap:header> <ogheader transactionID="e0bcach2-cf08-40d4-</ogheader </soap:header>	<ogheader cOGHeader transactionID="6fa734fa-b5e8-4b31-</ogheader 
a13a-5877583d7fc3" timeStamp="2017- 01-12T12:30:54 7921314+01:00"	a6dc-79c0dbc11251" timeStamp="2016- 02-12T02:46:49.4886644-05:00"
primaryLangID="E" channelValidation="false"	primaryLangID="E"
xmlns="http://webservices.micros.com/og /4.3/Core/">	xmlns="http://webservices.micros.com/o a/4.3/Core/">
<pre><origin entityid="02G" systemtype="PMS"></origin> <pre></pre></pre>	<origin <br="" entityid="O2G">systemType="PMS"/&gt;</origin>
systemType="PMS"/> <authentication></authentication>	<destination <br="" entityid="O2G">systemType="PMS"/&gt;</destination>
<usercredentials></usercredentials>	<authentication> <usercredentials></usercredentials></authentication>
<username>XXXX</username>	<username>OEDS\$OWS</username>
<domain>FSDH</domain>	<userpassword>\$\$\$OEDS\$OWS\$\$</userpassword>
 	<domain>FSDH</domain>
<soap:body></soap:body>	
	<wsa:action>http://webservices.micros.c om/ows/5.1/ResvAdvanced.wsdl#AddPa ymentResponse</wsa:action>
	<wsa:messageid>urn:uuid:afb36135- 57ee-4b29-af3e-</wsa:messageid>
	4ebdf9dbfa23
	<wsa:relatesto>urn:uuid:609c1ebf- c78c-4b03-9d9c- 41a8527c8216</wsa:relatesto>
	<wsa:to>http://schemas.xmlsoap.org/ws /2004/08/addressing/role/anonymoussa:To&gt;  <soap:body></soap:body></wsa:to>

Request	Response
<addpaymentrequest< td=""><td><addpaymentresponse< td=""></addpaymentresponse<></td></addpaymentrequest<>	<addpaymentresponse< td=""></addpaymentresponse<>
xmlns="http://webservices.micros.com/og	xmlns="http://webservices.micros.com/o
/4.3/ResvAdvanced/">	g/4.3/ResvAdvanced/">
<hr/> HOTEIKETERENCE	<result< td=""></result<>
<pre>chainCode= CHA hotelCode= FSDH /&gt;</pre>	resultStatusFlag="SUCCESS"/>
	<paymenttype>MC</paymenttype>
SOURCE= OPERA_RESV_ID >3388424 </td <td><creditcard< td=""></creditcard<></td>	<creditcard< td=""></creditcard<>
ResvinamenD>	cardType="MC">
<paymenttype>MC</paymenttype>	<cardid< td=""></cardid<>
<r dymentrype="">mo</r>	xmlns="http://webservices.micros.com/o
<terminalcode>MOBILE1<td>g/4.3/Common/"&gt;36910</td></terminalcode>	g/4.3/Common/">36910
e>	<cardnumber< td=""></cardnumber<>
<window>1</window>	xmlns="http://webservices.micros.com/o
<action>KIOSK</action>	g/4.3/Common/">0009abcdef46ghij
CHECKIN	dNumber>
	<expirationdate< td=""></expirationdate<>
	xmlns="http://webservices.micros.com/o
	g/4.3/Common/">2022-12-
	31
Request with specified deposit rule	<approvalcode>0A123B</approvalcode>
xml version="1.0" encoding="utf-8"?	
<soan:envelope< td=""><td></td></soan:envelope<>	
xmlns:soan="http://schemas.xmlsoan.org	<approvalamount>184.05</approvalamount>
/soap/envelope/"	ount>
xmlns:xsi="http://www.w3.org/2001/XMI	
Schema-instance"	
xmlns:xsd="http://www.w3.org/2001/XMI	
Schema">	
<soan:header></soan:header>	
<0GHeader	
transactionID="e0bcach2-cf08-40d4-	
a13a-5877583d7fa3" timeStamp="2017	
$a_{13a_{30}} = 2017 = 2017 =$	

01-12T12:30:54.7921314+01:00

Request	Response
" primaryLangID="E"	-
channelValidation="false"	
xmlns="http://webservices.micros.com/og	
/4.3/Core/">	
<origin <="" entityid="O2G" td=""><td></td></origin>	
system lype="PMS"/>	
<pre><destination avetemtype="DMS" entityid="02G" pre="" s<=""></destination></pre>	
system ype= FWS />	
<username>XXXX</username>	
<userpassword>XXXX</userpassword>	
<domain>FSDH</domain>	
<soap:body></soap:body>	
<addpaymentrequest< td=""><td></td></addpaymentrequest<>	
xmins="http://webservices.micros.com/og	
/4.3/ResvAdvanced/ >	
chainCode-"CHA" hotelCode-"FSDH"/>	
<resvnameid< td=""><td></td></resvnameid<>	
type="EXTERNAL"	
source="OPERA_RESV_ID">3388424 </td <td></td>	
ResvNameID>	
<paymenttype>AX</paymenttype>	
<1 erminalCode>MOBILE1 1 erminalCod</td <td></td>	
67	
<window>1</window>	
<res:authorizationrule></res:authorizationrule>	
Optional:	
<res:rule>5</res:rule>	
Optional:	
Pass Amount of</td <td></td>	
Percent based on the authorization rule	
>	
<res:amount>60</res:amount>	
Optional:	
</td <td></td>	
<res:percentage>10</res:percentage>	
>	
<res:action>KIOSK</res:action>	
CHECKIN	

## ResvAdvanced.CheckIn

The CheckIn call is executed with a null CreditCard object as the Credit Card has already been authorized.

Request	Response
xml version="1.0" encoding="UTF-</td <td><?xml version="1.0" encoding="UTF-</td></td>	xml version="1.0" encoding="UTF-</td
8"?>	8"?>
<soap:envelope< td=""><td><soap:envelope< td=""></soap:envelope<></td></soap:envelope<>	<soap:envelope< td=""></soap:envelope<>
xmlns:soap="http://schemas.xmlsoap.org /soap/envelope/"	xmlns:soap="http://schemas.xmlsoap.or g/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XML	xmlns:xsi="http://www.w3.org/2001/XML
Schema-Instance	Schema-Instance
Schema">	Schema">
<soap:header></soap:header>	<soap:header></soap:header>
<ogheader< td=""><td><ogheader< td=""></ogheader<></td></ogheader<>	<ogheader< td=""></ogheader<>
transactionID="09384370"	transactionID="09384370"
timeStamp="2009-02-	timeStamp="2009-02-
20T09:34:22.9468750-05:00"	20T09:34:22.9468750-05:00"
xmlns="http://webservices.micros.com/og /4.3/Core/">	xmlns="http://webservices.micros.com/o g/4.3/Core/">
<origin <="" entityid="KIOSK" td=""><td><pre> Origin entityID="KIOSK" </pre></td></origin>	<pre> Origin entityID="KIOSK" </pre>
systemType="KIOSK"/>	systemType="KIOSK"/>
<destination< td=""><td><destination< td=""></destination<></td></destination<>	<destination< td=""></destination<>
entityID="KIOSK"	entityID="KIOSK"
systemType="KIOSK"/>	systemType="KIOSK"/>
<authentication></authentication>	<authentication></authentication>
<usercredentials></usercredentials>	<usercredentials></usercredentials>
<username>XXXX</username>	<username>XXXX</username>
<userpassword>XXXX</userpassword>	<userpassword>XXXX</userpassword>
<domain>FSDH</domain>	
	<domain>FSDH</domain>
<soap:body></soap:body>	
<checkinrequest< td=""><td><soap:body></soap:body></td></checkinrequest<>	<soap:body></soap:body>
xmlns="http://webservices.micros.com/og	
/4.3/ResvAdvanced/"	
xmlns:c="http://webservices.micros.com/	
og/4.3/Common/"	
xmlns:hc="http://webservices.micros.com	
/og/4.3/HotelCommon/"	
xmlns:n="http://webservices.micros.com/	
og/4.3/Name/"	
xmlns:r="http://webservices.micros.com/o	
g/4.3/Reservation/"	

Request	Response
<pre>xmlns:ra="http://webservices.micros.com/ og/4.3/ResvAdvanced/" xmlns:xsi="http://www.w3.org/2001/XML Schema-instance"&gt;</pre>	<checkinresponse xmIns:c="http://webservices.micros.com/ og/4.3/Common/" xmIns:hc="http://webservices.micros.com/o g/4.3/HoteICommon/" xmIns="http://webservices.micros.com/o g/4.3/ResvAdvanced/"&gt; <checkincomplete GuestRegistration="D:\micros\opera\ope raias\webtemp\opera\sample_registratio n_card6311319.pdf"&gt; <reservationid> <c:uniqueid type="EXTERNAL"&gt;83400 </c:uniqueid </reservationid>             roomTypeCode="POQB"/&gt;   <result resultStatusFlag="SUCCESS"/&gt;   </result </checkincomplete </checkinresponse 

# ResvAdvanced.CheckOut

The CheckOut call is executed with a null CreditCard object as the Credit Card has already been authorized.

Request	Response
xml version="1.0" encoding="UTF-</td <td><?xml version="1.0" encoding="utf-8"?></td>	xml version="1.0" encoding="utf-8"?
8"?>	<soap:envelope< td=""></soap:envelope<>
<soap:envelope< td=""><td>xmlns:soap="http://schemas.xmlsoap.or</td></soap:envelope<>	xmlns:soap="http://schemas.xmlsoap.or
xmlns:soap="http://schemas.xmlsoap.org	g/soap/envelope/"
/soap/envelope/"	xmlns:xsi="http://www.w3.org/2001/XML
xmlns:xsi="http://www.w3.org/2001/XML	Schema-instance"
Schema-instance"	xmlns:xsd="http://www.w3.org/2001/XML
xmlns:xsd="http://www.w3.org/2001/XMI	Schema"
Schema">	xmlns:wsa="http://schemas.xmlsoap.org/
<soap header=""></soap>	ws/2004/08/addressing"
<ogheader< td=""><td>xmlns:wsse="http://docs.oasis-</td></ogheader<>	xmlns:wsse="http://docs.oasis-
transactionID="09384370"	open org/wss/2004/01/oasis-200401-
timeStamn="2009-02-	wss-wssecurity-secent-1 0 xsd"
20T00-34-22 0468750-05-00"	vmlne:weu_"http://doce.oasis-
zo109.34.22.9400730-03.00	open org/wss/2004/01/opsis-200401-
// 2/Coro/">	wee weepourity utility 1.0 xed">
A.S/CUIE/ >	wss-wssecurity-unity-1.0.xsu >
	<soap.neauer></soap.neauer>
system Type= KIOSK />	
	timeStamp="2009-02-
system lype="KIOSK"/>	20109:34:22.946875-05:00"
<authentication></authentication>	primaryLangID="E"
<usercredentials></usercredentials>	xmlns="http://webservices.micros.com/o
	g/4.3/Core/">
<username>XXXX</username>	<origin <="" entityid="KIOSK" td=""></origin>
	systemType="KIOSK"/>
<userpassword>XXXX</userpassword>	<destination <="" entityid="KIOSK" td=""></destination>
	systemType="KIOSK"/>
<domain>FSDH</domain>	<authentication></authentication>
	<usercredentials></usercredentials>
	<username>XXXX</username>
<soap:body></soap:body>	<userpassword>XXXX</userpassword>
<checkoutrequest< td=""><td>&gt;</td></checkoutrequest<>	>
xmlns="http://webservices.micros.com/og	<domain>FSDH</domain>
/4.3/ResvAdvanced/"	
xmlns:c="http://webservices.micros.com/	
og/4.3/Common/"	
xmlns:hc="http://webservices.micros.com	
/og/4.3/HotelĊommon/"	<wsa:action>http://webservices.micros.c</wsa:action>
xmlns:n="http://webservices.micros.com/	om/ows/5.1/ResvAdvanced.wsdl#Check
og/4.3/Name/"	OutResponse
xmlns:r="http://webservices.micros.com/o	
a/4 3/Reservation/"	<pre></pre> <pre>&lt;</pre>
ymlns:ra="http://webservices micros com/	2080-1300-8d80-
og/1 3/Resy/dyanced/"	
vmlne:vei="http://www.w2.org/2001/XMI	010e9a0zzeaz
	waa: Palataa Tas ura: wid: ab 59 ab f9
	5665-4146-0026-
	19206396000c
cnainCode="CHA" notelCode="FSDH"/>	
<ra:reservationid></ra:reservationid>	<wsa: i="" o="">http://schemas.xmlsoap.org/ws</wsa:>
<c:uniqueid< td=""><td>/2004/08/addressing/role/anonymous</td></c:uniqueid<>	/2004/08/addressing/role/anonymous
type="EXTERNAL"	sa: Го>
source="RESV_NAME_ID">83400 <td><wsse:security></wsse:security></td>	<wsse:security></wsse:security>
iqueID>	

Request	Response
<ra:creditcardinfo></ra:creditcardinfo>	<pre><wsu:timestamp wsu:id="Timestamp-&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/CheckOutRequest&gt;&lt;/td&gt;&lt;td&gt;51d1ba4b-571a-4c43-a2ae-&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/soap:Body&gt;&lt;/td&gt;&lt;td&gt;92ada64467b3"></wsu:timestamp></pre>