

# INDUSTRIAL AND COMMERCIAL BANK OF CHINA (MACAU) LTD

## ICBC Macau Hospitality Payment System Validated Integration with Oracle Payment Interface 6 - Pay@Reception



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ORACLE

### Validated Integration

#### Oracle Hospitality

Oracle Validated Integration provides customers with confidence that a partner's integration with an Oracle on-premises application is functionally sound and performs as designed. This can help customers reduce deployment risk, lower total cost of ownership, and improve the user experience related to the partner's integrated offering.

#### A credit and debit card payment gateway between hotels and the bank

ICBC is the leading bank in Macau with a wide variety of acquiring products such as VISA, MasterCard, Japan Credit Bureau (JCB), China UnionPay (CUP), WeChat Pay acceptance, dynamic currency conversion (DCC), ecommerce and fees collection.

#### Company Overview

ICBC Macau is a group member of ICBC China. Over the years, ICBC Macau has developed into the largest registered bank in Macau and is the highest listed bank in the world in terms of market capitalization, customers' deposits and profitability, strong innovation capabilities and market competitiveness. With such advantages, ICBC Macau is capable of offering a wide range of comprehensive financial services and card products. ICBC Macau is the largest acquiring bank in Macau with market share reaching 50 percent.

#### Integration Overview

ICBC Macau Hospitality Payment System is a credit card and debit card payment gateway between the hotel and the bank. The transaction flows as follows: The point-of-sale (POS) terminal will receive the payment request from the hotel system and send it to the bank host system for approval. After approval, the response then returns to the hotel system. ICBC Token Server accepts hotel system token transaction requests, uses tokenization technology to encrypt and distort bank card numbers, and ensures the security of bank card transaction sensitive information.

#### Integration Details

Oracle Payment Interface communicates with ICBC Macau Hospitality Payment System via terminal mode.

The integration supports the following functionality:

- Pre-authorization transactions
- Incremental authorization of transactions (for example, top-up)
- Authorization release when a guest pays with a different card than the one provided at time of reservation or check in
- Sale completion
- Purchase (debit cards)

- Void transactions
- End-of-day settlement
- Get token transaction
- Get token (Bulk)
- Get PAN (Bulk)

**AVAILABILITY**

Email: [creditcardops@mc.icbc.cn](mailto:creditcardops@mc.icbc.cn)

**SUPPORT**

Email: [itsupport@mc.icbc.com.cn](mailto:itsupport@mc.icbc.com.cn)

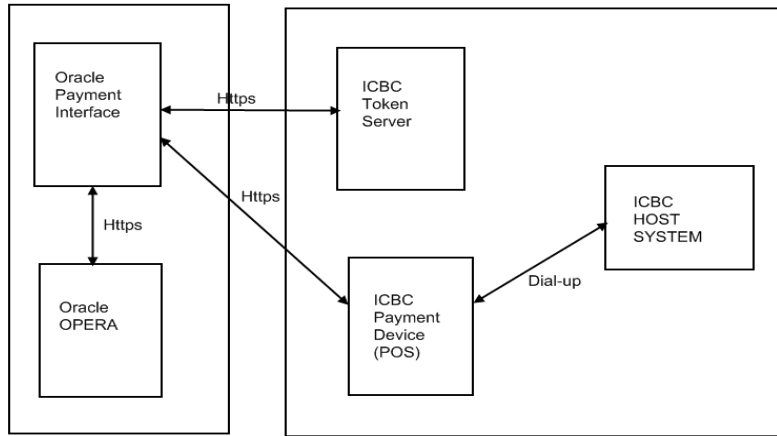


Figure 1. The interface from ICBC Macau Hospitality Payment System and Oracle Payment Interface.

**Technical Details**

Environment	
<b>Partner Environment</b>	<b>Oracle Environment</b>
<ul style="list-style-type: none"> <li>• ICBC Macau Hospitality Payment System Version 1.0</li> </ul>	<ul style="list-style-type: none"> <li>• Oracle Payment Interface 6</li> <li>• Oracle Hospitality OPERA 5.5</li> </ul>
Product ID	
<b>Product ID (FKT)</b>	<b>Description and Name</b>
<ul style="list-style-type: none"> <li>• IFC_OPI_HospitalityPaymentSystem_ICBCMacau</li> </ul>	<ul style="list-style-type: none"> <li>• Oracle Hospitality Payment Interface for ICBC Macau Hospitality Payment System - Industrial and Commercial Bank of China (Macau) Limited</li> </ul>
Supported Protocol	
OPI via HTTPS (TLS1.2 or higher)	



**Validated Integration**

Oracle Applications

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