GREENCLOUD

GC Universal Payment Gateway Validated Integration with Oracle Payment Interface 6 – Pay@Reception

GC Universal Payment Gateway is a bridge between Oracle Payment interface and payment hardware.

GC Universal Payment Gateway integrates with Oracle Hospitality OPERA property management system (PMS) via Oracle Payment Interface, enabling hoteliers to interface with bank or third-party payment platforms that support different payment devices with fixed or mobile terminal processing and a variety of payment methods, such as Alipay, WeChat pay, and UnionPay. The integration improves the speed and accuracy of check-in and check-out transactions and payments from Oracle Hospitality OPERA.

Company Overview

GreenCloud, headquartered in Hangzhou, is a technology leader in the Chinese hospitality industry with 30 years' experience specializing in hotel information systems. A high-tech enterprise specializing in the research and development, service, and operation of hotel information platforms in China, GreenCloud provides high quality and standard service to more than 10,000 domestic hotels.

GreenCloud's service network covers all of China with 18 branch offices and 300 employees. In addition, it has an actively developing overseas business. With mature technology and product innovation, GreenCloud closely follows the development of China's mobile internet technology and innovative business opportunities. It delivers products and services—such as mobile PMS, scan-to-pay, self-service, web chat, online booking, and online service—that meet the demands of Chinese customers.

Integration Overview

GC Universal Payment Gateway (UPG) builds a bridge between Oracle Payment Interface and specific payment methods. With UPG's connection and conversion processing, various payment terminal and mobile payment methods—such as Alipay, WeChat Pay, and others—can interface with Oracle Payment Interface and hence be connected to Oracle Hospitality OPERA.

Integration Details

Oracle Payment Interface communicates to UPG via a middleware mode. The integration supports the following functionality:

- Preauthorization of transactions
- Incremental authorization (top-up)

Tianyuan Mansion
508 Wensan Road
HangZhou, Zhejiang 310007
Tel.: +86.571.85084466
ihotel.cn

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.

- Authorization release
- Purchase
- Sale completion
- Void transactions
- End-of-day settlement with top up authorizations
- Get token transaction
- Get token (bulk)
- Get PAN (bulk)
- Transaction inquiry

Dynamic currency conversion (DCC) and transaction refunds are not supported.
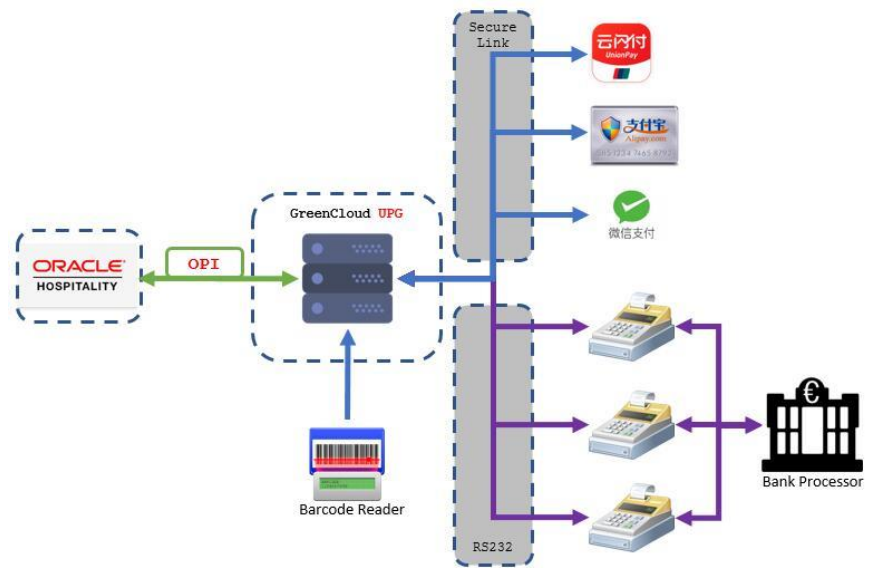
Receipts are only printed on the GreenCloud terminals.

Figure 1. Integration architecture between Greencloud UPG and Oracle Payment Interface

Technical Details

Environment	
Partner Environment	**Oracle Environment**
• GC Universal Payment Gateway Version 1.0	• Oracle Hospitality Oracle Payment Interface 6
Product ID	
Product ID (FKT)	**Description and Name**
• IFC_OPI_GCUPG_Hangzhou GreenCloud	• GC Universal Payment Gateway
Supported Protocol	
• OPI via HTTPS (TLS1.2 or higher)	

ORACLE
Validated Integration
Oracle Applications