

GREENCLOUD

GC Universal Payment Gateway - EFT Validated Integration with Oracle Hospitality OPERA 5.5



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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.

GreenCloud Universal Payment Gateway is a service encapsulation layer based on the Oracle Hospitality OPERA interface.

Enabling multiple, localized, third-party products and services—such as ID scan, public security bureau, room management, channel docking, third-party payment, big data service, and intelligent devices—to interface rapidly with Oracle Hospitality OPERA property management system (PMS) provides more choices for hotels to improve service and efficiency.

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 - EFT provides a way to interact with the electronic funds transfer (EFT) interface of Fidelio Interface Application Specification (FIAS) and Oracle Hospitality Interface IFC8 to support electronically transferring currency. The funds—for preauthorizations and sales—are then credited to accounts in Oracle Hospitality OPERA through the Universal Payment Gateway's connection and conversion processing. Various payment terminal and mobile payment methods such as Alipay and WeChat can be used with Oracle Hospitality OPERA.

Integration Details

The integration supports the following functionality:

- Nonchip and PIN functionality
 - \$A : authorization
 - \$S : settlement
 - \$V : pay only
- Chip and PIN functionality

AVAILABILITY

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- \$G : authorization
- \$O : settlement
- \$P : pay only
- \$Q : cancel transaction
- \$Y : response to \$Q
- Void transaction
- Additional authorizations
- Night audit

The vendor defines AudittrialNum as the transaction ID, so this number is sent with settlement requests only. TransNum is not used in this interaction. Printing is done on the vendor-side terminal.

This interface is validated for versions of Oracle Hospitality OPERA which are not compatible with Oracle Payment Interface. Tokens and additional security available with Oracle Payment Interface are not supported for this integration.

SUPPORT

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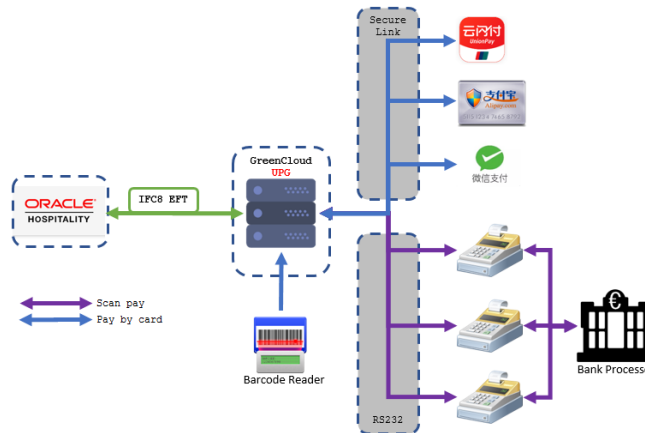


Figure 1. Integration architecture

Technical Details

Environment	
Partner Environment	Oracle Environment
<ul style="list-style-type: none"> • GC Universal Payment Gateway - EFT 1.0 	<ul style="list-style-type: none"> • Oracle Hospitality OPERA 5.5 • Oracle Hospitality Interface IFC8 8.10.2.20 • FIAS 2.20.20
Product ID	
Product ID (FKT)	Description and Name
<ul style="list-style-type: none"> • IFC_EFT / FIAS_EFT 	<ul style="list-style-type: none"> • Oracle Hospitality OPERA EFT Interface for GC Universal Interface Center EFT 1.0 - FIAS Option by Hangzhou GreenCloud Software
Supported Protocol	
<ul style="list-style-type: none"> • FIAS viaTCP/IP 	



Validated Integration

Oracle Applications

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