

Walmek Security Innovations

Walmek Mobile Key Integration with Oracle Hospitality OPERA 5.6

Walmek Mobile Key enables hotel guests to operate electronic door locks with their mobile phones.



COMPANY OVERVIEW

Established in 2014, Walmek Security Innovations is an Irish company that supplies electronic security systems to the hospitality industry in Ireland. With more than 20 years of experience, the company offers a high level of service to its clients, and its engineers have vast experience on a wide range of locking systems. Walmek offers the very latest technology and is committed to quality, design, installation, service, and support. All its systems are installed to the highest standards and provided with comprehensive support service.

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INTEGRATION OVERVIEW

The integration between Walmek Mobile Key and Oracle Hospitality OPERA property management system (PMS) enables communication between the two systems. This allows the PMS user to issue, read, modify, and delete guest RFID card keys and guest mobile keys directly from the PMS environment—greatly improving employee productivity. The communication is based on FIAS protocol over TCP/IP. The connection is initiated by Walmek's PMS interface to the IP/port specified by Oracle Hospitality OPERA.

There are two processing paths, depending on the type of key requested by Oracle Hospitality OPERA:

- **RFID.** The Walmek PMS interface uses a locally connected card encoder to issue a card key with the data contained in the request, such as room number, arrival date, departure date, and more.
- The Walmek PMS interface contacts Walmek Web Key Centre (WKC) to issue a mobile key with the data contained in the request, such as room number, arrival date, departure date, and more.

After executing the requested action, the Walmek PMS interface returns a response to the PMS—such as or—reporting on the status of the operation.

INTEGRATION DETAILS

The interface enables the following:

- Generates guest keycards upon check-in performed on Oracle Hospitality OPERA.
- Updates guests' keycard data online upon guest room move or departure date changed on Oracle Hospitality OPERA.
- Disables guest keycards upon check-out performed on Oracle Hospitality OPERA.
- Reads guest keycards from Oracle Hospitality OPERA.
- Sends back unique keycard ID to Oracle Hospitality OPERA upon keycard generation.

ORACLE Validated Integration Oracle Hospitality

Oracle Validated Integration provides customers with confidence that a partner's integration with an on-premise Oracle 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.

- Enables or disables up to 19 common access areas from Oracle Hospitality OPERA for each keycard.
- Handles virtual suites
- Handles mobile keys

AVAILABILITY

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SUPPORT

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TECHNICAL DETAILS	
Partner Environment	Oracle Environment
<ul style="list-style-type: none"> • Walmek Mobile Key Version 1.10 	<ul style="list-style-type: none"> • Oracle Hospitality OPERA 5.6 • Oracle Hospitality Interface IFC8 8.14.9.0 • Fidelio Interface Application Specification (FIAS) 2.20.24
Product ID (FKT)	Description and Name
<ul style="list-style-type: none"> • KSS / FIAS_KSS 	<ul style="list-style-type: none"> • Oracle Hospitality OPERA KSS Interface for Walmek Mobile Key by Walmek Security Innovations
Supported Protocols	
<ul style="list-style-type: none"> • FIAS via TCP/IP 	

ORACLE

Validated Integration

Oracle Applications

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