CITYGROW ENERGY SYSTEMS

CG-OPERA-IF
Validated Integration with
Oracle Hospitality OPERA 5.5

CityGrow E Systems

Effective guest room energy management brings comfort to guests and cost savings to hotels.

CG-OPERA-IF is an integration linking Citygrow Guest Room Control System with Oracle Hospitality OPERA 5.5 for more efficient hospitality management. When it obtains guest room reservations, moves, and occupancy details, Citygrow Guest Room Control System can intelligently perform customized guest room management, individually adjusting lighting, shades, and HVAC control. The integration brings convenience and efficiency to guest room management and greatly reduces energy use.

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Company Overview

Founded in 2006, Citygrow Energy Systems Limited offers smart automation control systems and technical products for residential and business clients around the world. Its cost-effective system—integrated with highly flexible and customizable hardware and software—creates a more comfortable and convenient environment for guests with reduced energy costs for hotels.

Integration Overview

The integration between Oracle Hospitality OPERA property management system (PMS) and Citygrow Guest Room Control System is illustrated in Figure 1. The CG-OPERA-IF software connects to the Oracle Hospitality OPERA server through the hotel network and receives guest check in, check out, and room move information from the PMS. When the interface software receives the information, the software transfers it to the Citygrow Guest Room Control server software. The server software will communicate with the designated Room Control Unit (RCU) using information, including specified room number, received from Oracle Hospitality OPERA. The RCU will then automatically operate room control procedures according to preset settings customized by the hotel's management staff.

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.
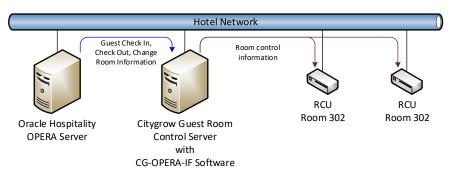
Figure 1. System network diagram

Integration Details

The integration supports the following functionalities:

- Check in
- Check out
- Room move
- Database resync

Technical Details

Environment	
Partner Environment	**Oracle Environment**
• CG-OPERA-IF Version 1.0.1	• Oracle Hospitality OPERA 5.5 • Oracle Hospitality Interface IFC8.10.2.20
Product ID	
Product ID (FKT)	**Description and Name**
• BMS / FIAS_BMS	• BMS Interface for CG-OPERA-IF by Citygrow Energy Systems Limited
Supported Protocol	
• FIAS via TCP/IP	