IBOOKEDIN

ibookedin GDS
Validated Integration with
Oracle Hospitality OPERA 5.5

ibookedin

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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.

Bring your meeting place online.

ibookedin enables venues to make their meeting space available online to both businesses and consumers, allowing them to book in real time.

Company Overview

As a young innovative company, ibookedin is bringing the offline meetings, incentives, conferences, and exhibitions (MICE) industry online. ibookedin is the first global distribution system (GDS) for meeting spaces that permits integrated distribution allowing direct connectivity for venues, customers, and booking channels.

Although a London start up, ibookedin has a global vision backed by a talented global team. The team is a mix of industry leaders, disruptive innovators, experienced engineers, and creative thinkers who are all persevering together to disrupt and modernize the MICE industry.

Integration Overview

The integration between ibookedin GDS and Oracle Hospitality OPERA property management system (PMS) is carried out by the GDS microservice which is responsible for communicating with the Oracle Hospitality OPERA application, data processing, and making the PMS available to other ibookedin endpoints. The GDS microservice has its own gateway module responsible for communicating with external partners and an API module for communicating with data subscribers.

Integration Details

ibookedin applications network is built based on a microservice architecture that communicates using HTTP protocol supported by REST technology. Each service is an independent instance with a central point in the GDS microservice that is responsible for sharing data between applications connected to the public API.

The GDS microservice uses its own, internal, configurable data sharing policy that makes communication between applications fully manageable and transparent. Data sharing policy rules allow you to specify which, and from what source, data can be passed to a given client.

Communication with Oracle Hospitality OPERA PMS applications is supported by the internal gateway module, which connects with applications using SOAP webservice protocol. After the data is fetched, it is converted to the GDS data model and stored in the internal database. All of the stored data can be used in the data sharing policy rules to make them available to other clients connecting to the API.
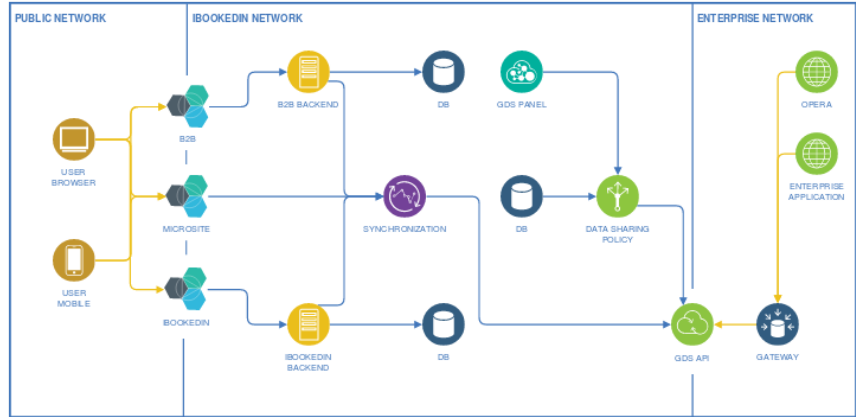

Figure 1. ibookedin network diagram

Applications using the ibookedin GDS integration enable you to connect to other ibookedin applications which include and not limited to are:

- ibookedin Marketplace
- ibookedin B2B Web Portal
- ibookedin Microsite

Technical Details

Environment	
ibookedin Environment	**Oracle Environment**
- ibookedin GDS Version 1.0	- Oracle Hospitality OPERA 5.5 - Oracle Hospitality Sales and Catering Web Self-Service v5.5.x

Product ID	
Product ID (FKT)	**Description and Name**
- WCS_500	- Oracle Hospitality OPERA 5 Sales and Catering Web Self-Service

Supported Protocol
- Oracle Hospitality OPERA Web Self Service Message Specifications 5.1