ACCURIS NETWORKS

eNAC Captive Portal and Network Access Server Validated Integration with Oracle Hospitality OPERA 5.5

Accuris Networks is a leading provider of roaming, interworking, and convergence solutions for the global telecommunications market.

A carrier-grade captive portal and network access system designed for telecom service providers, the Accuris Networks eNAC platform provides flexibility and control to manage Wi-Fi subscribers, while adding value through a range of loyalty, affinity, location, and ad-based services. Telecom service providers use the eNAC platform to offer enterprise customers policy-driven access to Wi-Fi services and internet access at airports, hotels, shopping malls, retail outlets, sports venues, and other public Wi-Fi locations.

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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.

Company Overview

Headquartered in Dublin, Ireland and with offices in the US, Middle East, and Kuala Lumpur, Accuris Networks provides carrier-grade interworking, roaming, and convergence solutions to some of the world's leading communications providers. Accuris supports some of the world's largest Wi-Fi offload deployments that are fully Passpoint capable and handle billions of transactions every month. Accuris' suite of strategically positioned and connected regional hubs provide global Wi-Fi and mobile access for connected subscribers and IoT systems. Accuris is active in service-provider forums including the Global System for Mobile Communications (GSMA) and Wireless Broadband Alliance (WBA), where we work to simplify the integration of their users' services with enterprise wireless coverage, available through Oracle Hospitality OPERA interworking.

Accuris solutions are delivered either as a hosted service offering or an in-network deployment. At the core of the platform is a fully functional Third Generation Partner Project (3GPP) authentication, authorization, and accounting (AAA) server that includes all the required core network interfaces, including home location register (HLR), home subscriber server (HSS), short message service center (SMSC), charging and policy support. Accuris also provides multi-IMSI and inter-standard roaming solutions, bringing an unrivalled potential market of mobile, broadband, and internet service provider (ISP) subscribers to Wi-Fi service-providers.

Integration Overview

eNAC integrates with Oracle Hospitality OPERA property management system (PMS) to provide Wi-Fi access and authorization for hotel guests in the hospitality industry. eNAC extends the standard captive portal to authenticate a room guest through Oracle

Hospitality OPERA PMS to ensure that Wi-Fi internet access is enabled for the guest based on policy and access rights. Internet access purchase where charges are applied to the guests' rooms are also supported.
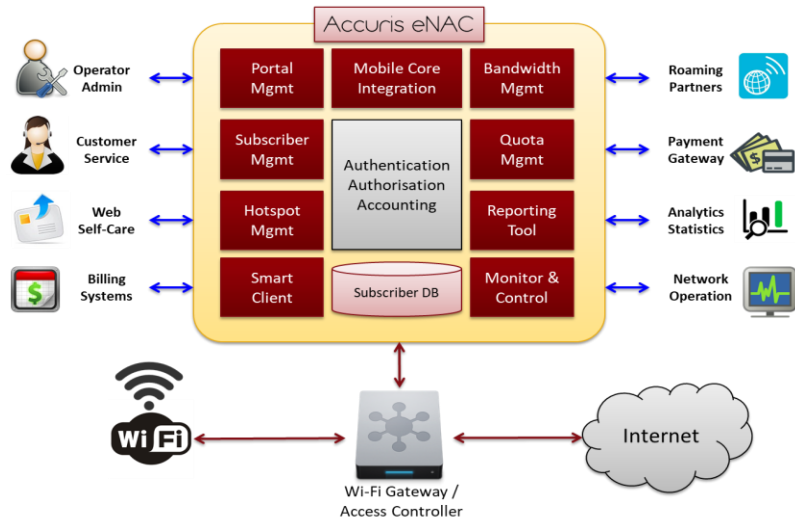

Figure 1. High level diagram of the Accuris eNAC functional capability and interfaces

Integration Details

The integration enables the following:

- Send inquiries to Oracle Hospitality OPERA PMS to check room occupancy. Inquiries can be done by room number or guest name.
- Send room postings by total amount to Oracle PMS.
- Handle individual postings for each occupant in the room.
- Void a previous posting.

Technical Details

Environment	
Partner Environment	**Oracle Environment**
• eNAC Captive Portal and Network Access Server Version 2.4	• Oracle Hospitality OPERA 5.5 • Oracle Hospitality Interface IFC8 8.13.0.0 • Fidelio Interface Application Specification (FIAS) 2.20.21
Product ID	
Product ID (FKT)	**Description and Name**
• FIAS_WWW / WWW	• Oracle Hospitality OPERA WWW Interface for eNAC Captive Portal and Network Access Server by Accuris Networks Limited
Supported Protocol	
• FIAS via TCP/IP	

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Oracle Applications