Secure, Simple Wi-Fi Visitor-Based Networking for Enterprises

sesame
networks

Operator Profile

The Ubilium platform is an integral part of the Sesame Networks' Wi-Fi mobility solution for enterprises. As a pioneer operator in the field of Wi-Fi networking, Sesame Networks combines the backend management and connectivity features of Ubilium with their unique patent pending identity management process to enable a quick and easy Wi-Fi guest access environment within enterprises, known as a SesameSpot.

Highlights

Reliable end-user authentication and traceability

Easy to use, instantly available self-provisioning service for end users

Facilitates service management through a customizable service portal

Business Case

Offsite gatherings, corporate visitors and business meetings all create the need for secure, easy to use Wi-Fi, Internet access within corporate enterprise networks. Security models for visitors using Wi-Fi access require a different emphasis than the traditional general purpose model for securing Wi-Fi within the corporate LAN. The requirements on a security policy are the same; allow controlled access to a user once they have been identified; prevent access to un-identified users; protect the corporate LAN from attack; simplicity both for the end user and for IT personnel; minimize costs. However, to provide Internet access to guests, such as customers, clients or contractors, the temporary and short term nature of the relationship between the guest and the corporation must be recognized. Consequently the security policy must permit Internet only access that is ad hoc, instantly available, simple to administer and of much lower cost. *(Ref: Sesame Networks, Wi-Fi Mobility Solutions White Paper, 2004)*

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Value Proposition

The Ubilium solution workswithin the Sesame Networks' technology framework to addresse all of the security and accessibility issues associated with Wi-Fi visitor-based networking in an enterprise environment:

- *Reliable end user authentication and traceability*: Combining the backend management features of the Ubilium Services Management Platform, with their proprietary technology, Sesame Networks is able to offer enterprises a simple solution for identifying and tracking guests accessing the corporate network. Sesame's unique approach involves linking the visitor's mobile phone number to a unique password delivered by a short service message (SMS) for complimentary Internet access. The Ubilium backend technology enables the SMS delivery and traceability in order to authenticate and track the visitor.

- *Easy to use, instantly available, self provisioning service for end users*: Leverage the Ubilium Plug N Go technology, Sesame provides transparent, on-demand connectivity for visitors within enterprise networks. Visitors logging on to the network do not need to re-configure their system or change their current settings for easy migration back to their traditional office environment.

- *Facilitated management through a customizable service portal:* Using the management features of the Ubilium Service Management Platform, Sesame Networks includes a customizable service management portal in their solution for easy, tailored administration of the Wi-Fi visitor network.

About Ubilium

Using Ubilium, operators can build, manage and control wide-scale public broadband services networks. The Ubilium solution includes a versatile backend services platform for the building and management of a customized broadband services network, the Plug N Go access controller for secure, transparent connectivity at every network location and unique Ubilium Professional Services for seamless deployment, marketing and support of the broadband sevices network. A leading provider of public broadband access technology in a number of markets including the Hospitality/MDU, transportation, education and healthcare sectors, Ubilium currently boasts over 100,000 wired and wireless Ubilium user sessions per month.

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Powering Your Broadband Networks

For more information on Ubilium services:
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