




Profile of the company

Hotspot Express is one of the pioneers in India providing WiFi Solutions. Hotspot Express prides on the fact that we are one among the few WiFi Billing Engine solution providers in the world. Our clients include Hotels, Educational Institutions and Corporates. In just a short span of one year, we have more than 250 proud customers across the globe. Our International customers are in countries Australia, Canada, East Timor, Greece, Ghana, Indonesia, Malaysia, Mozambique, Nigeria and UAE.

Solution Overview

Hotspot Express is a complete solution provider in WiFi arena right from the word go. We create the 'hotspot' or 'WiFi area' or simply create wireless network to enable users to log on to Internet using existing broadband connectivity. The solution comprises of components like outdoor transmitters, router and Billing & Subscriber Management software. The Billing & Subscriber Management Software has been completely developed by our own team making it easier for us to do any customization required in future. This also helps easier integration of the Billing Solution with your existing software systems.

The table below describes the product /services and the positioning of each of the product

Product Name	Description	Target Market
hotEx Billing Manager 	LINUX based integrated Subscriber, Bandwidth and Billing Management Software	Hotels, Resorts, Hotels Chains and WISPs
hotEx RADUIS Manager 	Username/Password based Authorization, Authentication and Accounting Software	Enterprises, Universities and Colleges.
SPOT 	A standard WiFi unit from Hotspot Express with a customized firmware. Billing is given through our hosted services	Hotels, Café, Café Chains and Service Apartments

hotEx Billing Manager

hotEx Billing Manager runs on standard Pentium Server. This Server runs on the robust Linux (RedHat 9.0) Operating System. This server should have two ethernet cards – one connected to WAN (Internet) and the other to the university LAN (WiFi/Wired network). Fig. 1 shows a typical Wi-Fi network.

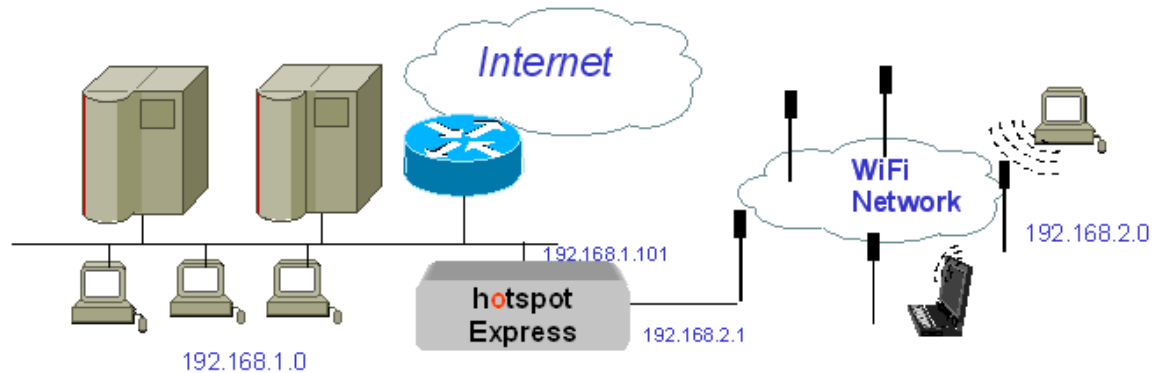


Fig 1. A WiFi network with hotEx Billing Manager

One of the Ethernet ports in hotspot router is connected to existing Broadband Router or the same IP segment (192.168.1.0 in the above example) in which existing Internet connectivity is terminated. We strongly recommend a separate IP segment (192.168.2.0 in the above example) for wired/wireless guests. This ensures easy integration without disturbing the network set up. The hotspot router will act DHCP server for the guests' IP segment. We recommend separate IP segment for the guest LAN as shown in Fig. 1.

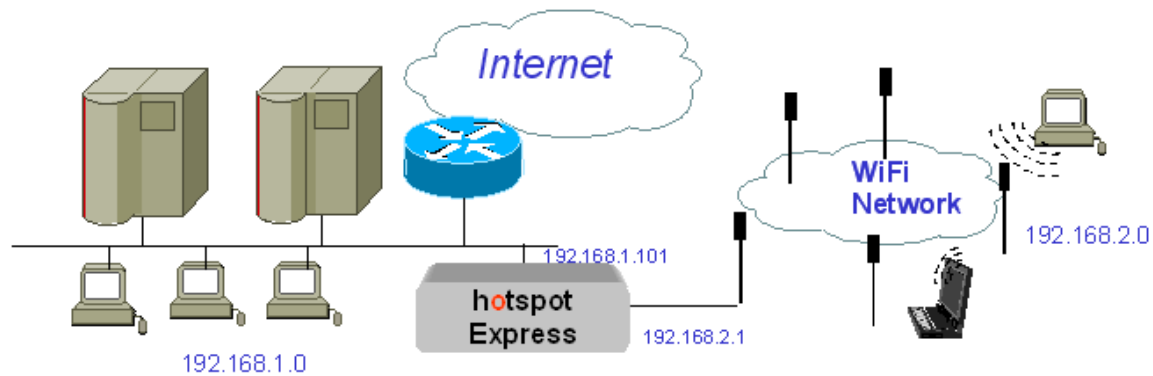
The table below clearly spells out the benefits of Hotspot Express Subscriber & Billing Management Software.

hotEx Billing Manager FEATURES	BENEFITS
LINUX Kernel	Improves overall reliability
User Authentication	Only authorized users are allowed to log-on adding security layer over not just WiFi network but also wired network
SSL Encryption – optional	Even the User Name / Password is sent in encrypted format
Time, Volume, Speed based Plans	Results in better utilization of bandwidth
PMS Integration	Single Bill for Guests
Usage Reports	Better visibility on an ongoing basis on users and their usage
Log of all Sites Visited	Report for Security Agencies

Media Independence	Ideally suited for managing both wired and wireless networks
Captive Portal	Every single packet being sent/received is captured resulting in better management of users/resources
Walled Garden	Redirection to specific Websites/Messages/Promotions
Web based Interface	No configuration change on the Client laptop; Truly plug & play
Inactive Timer	The precious bandwidth is optimally utilized
Secure IP infrastructure	Solid platform for integrating futuristic IP appliances (eg., Skype phones, Wi-Fi mobiles), international VoIP calls.

hotEx RADIUS Manager

This is LINUX based AAA solution from hotspot Express. The authentication mechanism is Username/Password. This offers no billing features. This base version supports 500 users. This can easily scale up to 50000 concurrent users without any problem. You can integrate this with any external captive portal table. It offers no billing features.

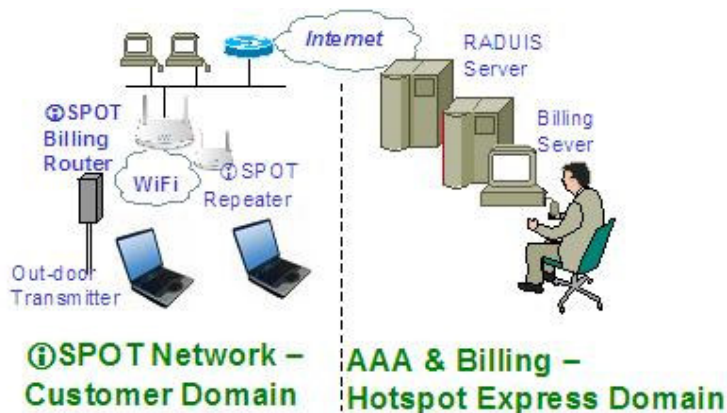


A WiFi network with hotEx RADIUS Manager

hotEx RADIUS Manager FEATURES	BENEFITS
LINUX Kernel	Improves overall reliability
User Authentication	Only authorized users are allowed to log-on adding security layer over not just WiFi network but also wired network
SSL Encryption – optional	Even the User Name / Password is sent in encrypted format
Log of all Sites Visited	Report for Security Agencies
Media Independence	Ideally suited for managing both wired and wireless networks
Captive Portal	Every single packet being sent/received is captured resulting in better management of users/resources
Walled Garden	Redirection to specific Websites/Messages/Promotions
Web based Interface	No configuration change on the Client laptop; Truly plug & play

①SPOT WiFi Billing Solution

Hotspot Express has devised ①SPOT Billing Services using its flagship Hotspot Billing & Subscriber Management Software. Using hosted services of Hotspot Billing & Subscriber Management Software, Hotspot Express has drastically reduced the billing complexities at the customer end. A WiFi from Hotspot Express not only act as Access Points but also act as Billing Router.



①SPOT FEATURES	BENEFITS
Hosted Authentication & Billing Services	Reduced Billing /Database functions at customer end saving money and time
Web based Interface	No configuration change on the Client laptop; Truly plug & play
LINUX Kernel for AAA functions	Extremely reliable services
Simple Pre-Paid Model	Easy to Manage
Tariff plans based on Time or Volume or Speed	Controlled usage of the broadband to all users. Ease of managing business
Business Administrator	Being a Business Administrator, customer has absolute control over Tariff Plans including complementary services
URL redirection	Better visibility of your product and services
Hosted Authentication & Billing Services	Reduced Billing /Database functions at customer end saving money and time
Media Independence	Ideally suited for managing both wired and wireless networks
Captive Portal	Every single packet being sent/received is captured resulting in better management of users/resources
Walled Garden	Redirection to specific Websites/Messages/Promotions
Inactive Timer	The precious bandwidth is optimally utilized

Product Mapping Table

Verticals	hotEx Billing Manager	hotEx RADIUS Manager	SPOT
Hotels	Yes	No	Yes
ISP	Yes	Yes	No
Education	Yes	Yes	No
Large/ Medium Enterprises	No	Yes	No
Small Enterprises	Yes	Yes	No
Café	No	No	Yes
Restaurant	No	No	Yes
Café Chains	Yes	No	Yes
Motels	Yes	No	Yes
Hospitals	No	No	Yes

Partial List of our esteemed Customers

- Hotel Intercontinental Nehru Place, New Delhi
- Hotel Radha HomeTel, Bangalore (*Sarovar Hotels and Resorts*)
- Hotel Radha Park Inn, Chennai (*Sarovar Hotels and Resorts*)
- Hotel Quality Inn Sabari, Chennai (*Choice Group of Hotels*)
- Hotel Ambica Empire Best Western, Chennai (*Best Western Group of Hotels*)
- Shine Korea – Hyundai Korean Guest House, Chennai
- Hotel Abad Plaza, Kochi
- Hotel Abad Atrium, Kochi
- Hotel Ananda Inn, Pondicherry
- Ideal Beach Resort, Chennai
- Hotel NKM's, Hyderabad
- Hotel Woods Manor, Cochin
- Hotel Wood Land, Cochin
- Hotel Heritage Inn, Coimbatore
- Hotel Alankar Grand, Coimbatore
- Hotel CAG Pride, Coimbatore
- Hotel Jenny Club, Coimbatore
- Hotel Royal Court, Madurai
- Regent Jamshedur, Jamshedpur

ABROAD

- Al Raya, Dubai
- Pan Gulf Suites Hotel, Sharjah, UAE

- Holiday Inn, Dubai
- Hawthorn, Dubai
- Versailles, Dubai
- PT SIMS, Jog Jakarta, Indonesia

Colleges

- Bharathidasan University, Tiruchirappalli.
- Dehradun Institue of Technology
- Jakarta University, Indonesia
- College of Communication, Pakistan

ISP

- Service Trail Nigeria Limited, Nigeria
- Vangage Limited, Nigeria
- Global Access Technologies, Nigeria