

Wireless Access Controllers

Versatile HotSpot Solution



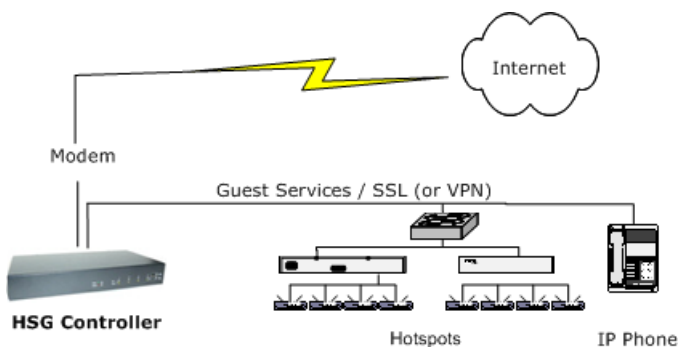
HSG-1000

The **HSG** access controllers, applies to public access network such as Wi-Fi hotspots, network management, guest access, global roaming, and hospitality deployments - With **reliability, capacity, efficiency, and ultra security**.

- **A**uthentication: Firewall, SSL / IPSec VPNs, 802.1X, VLAN, VPN free client software
- **A**uthorization: Guest/Role accounts and external Kerberos, RADIUS, LDAP
- **A**ccounting/Billing for instant Hotspot
- **A**uditing: Client Session control, OS fingerprints detection, IP & bandwidth monitoring, network latency, server logs
- **A**lert: Intrusion Detection / Prevention Systems (IDS / IPS) as optional
- Seamless wireless / wired IP roaming
- Full stateful packet filter (firewall)
- Large number of access points (APs)
- Up to 250 (HSG-200) or thousands (HSG-1000) simultaneous users
- Support Credit card gateways, prepaid cards
- 802.11i, 802.1X, VPN with VLAN Security
- Full Quality of Service (QoS) functions
- Millions of transaction records for database
- Centralized management with associated APs and Customer Premise Equipments (CPEs)
- Remote administration and reconfiguring for Gateway and associated APs / CPEs (WAP/CAP)
- Data Roaming among HSG gateways
- CARP Firewall failover and redundancy for backup
- Walled Garden for redirection to customized pre/post/failure of authentication pages
- Optional 3G interface radio with major brands
- Optional high power onboard Access Point (up to 300mW) as radio for base station

HSG can be deployed in two roles:

1. Backhaul Controller for small-to-medium venues



An all-in-one, self-contained solution for authentication, vpn, billing, firewall, network management. It can be used at venues such as hotel, park, office for large group of users.

2. Local controller as part of a large hotspot network

