



bluesocket

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Bluesocket Solutions Fact Sheet

Bluesocket is the leader in open wireless security and management solutions that simplify the complexities of mobile enterprises. Bluesocket provides a comprehensive end-to-end product portfolio that enables leading universities, healthcare organizations, government institutions, and enterprises to deploy, secure, and manage wireless LANs. Bluesocket's 1000+ customers include Harvard University, Honeywell, Universal Health Services, Toyota, Parker Hannifin, amongst others.

BlueSecure Controller Family

Bluesocket offers a wide range of scalable Controllers to support your enterprise WLAN deployments from the network edge to the core. The **BlueSecure 400** supports branch and regional offices, and workgroups of up to 50 concurrent users; while the **BlueSecure 1100** can support entire office floors of up to 100 users; for medium to large enterprises, the **BlueSecure 2100** supports up to 400 users while providing hardware-based encryption acceleration. For larger enterprises requiring higher throughput and centralized WLAN management and control, the **BlueSecure 5000** provides a core infrastructure platform supporting up to 1000 users.

Bluesocket's patent-pending Secure Mobility[®] technology gives users of laptops, PDAs and other mobile devices wireless access to corporate networks and the Internet while moving across subnets. Secure Mobility gives users freedom to work where they choose—letting them roam seamlessly across networks, even while using IPSec tunneling, without the need to re-authenticate. Secure Mobility technology is compatible with, and enhances current WLAN security standards such as 802.1x, WPA and 802.11i without requiring additional or proprietary client software.

Unlike traditional firewalls and VPNs, Bluesocket's approach goes beyond merely preventing intruders from breaking into your corporate network. BlueSecure Controllers use role-based access control to provide the correct level of access for every user of the WLAN. Access to corporate resources can be based on each user's role within the organization. Thus, an employee within the IT department may see all network assets, while a visiting guest can only connect to the Internet to check email and browse the Web but will be denied access to the corporate network. This controlled access translates into the right level of security—regardless of the mobile device, security protocol or client-side security software.

BlueSecure Access Point 1500

The **BlueSecure Access Point 1500** is a next-generation, "thin" access point (AP) that works in conjunction with BlueSecure Controllers for enterprise wireless LAN (WLAN) deployments. The BlueSecure Access Point features dual radios supporting 802.11a/b/g in a plenum-rated housing with fixed omni-directional antennas.

BlueSecure Access Points extend and complement the industry-leading, enterprise-class wireless LAN security and management capabilities provided by BlueSecure Controllers. Providing industry-standard radio and security functions, BlueSecure APs are cost-effective, simple to deploy and manage, and ensure reliable and seamless connections for users wherever they roam. Automatic clear channel selection finds the least loaded channel for interference-free communication. Automatic network connection and dynamic rate shifting keep users connected through a wide variety of conditions by changing to the optimum connection speed as they move through the network.

BlueSecure Intrusion Protection System

BlueSecure™ Intrusion Protection System (IPS) overlays your existing network without requiring modification of your existing wired or wireless infrastructure and scales from small WLAN deployments to enterprise WLANs with hundreds of access points.

BlueSecure IPS protects the enterprise from all types of rogue devices including Access Points, rogue clients, neighboring WLANs, peer-to-peer (ad hoc) networks, and software APs as they appear. Not only can BlueSecure IPS alert you to potential WLAN threats, it can also actively contain or block threatening rogue devices. By enabling BlueSecure IPS's powerful blocking capability, you can disable offending devices immediately from a remote location. This minimizes the window of time from alert to resolution, which is critical to ensuring the security of your network.

BlueView Management System

Configuring, monitoring, and managing multiple WLANs has often required the time-consuming laborious task of touching multiple devices deployed in multiple locations. Bluesocket's **BlueView™ Management System** simplifies WLAN management by providing true centralized configuration and maintenance, policy-management, and monitoring capabilities for your WLAN Infrastructure.

BlueView automatically discovers BlueSecure Controllers across a configurable range of IP addresses or networks. Once discovered, BlueView places BlueSecure Controllers and the Access Points associated with those Controllers into groups which can be based on organizational structure, location, or departmental management administration.

BlueView's powerful scheduling tool enables you to automate BlueSecure Controller and Access Point maintenance and provisioning tasks such as backing up and restoring configurations, pushing out policy or configuration changes, upgrading system software, and installing software patches or new WLAN deployments. Dashboard views give administrators complete system status of BlueSecure Controllers and Access Points enabling a quick response to any issue that may arise.