

Wireless RF Switch RFS7000

High Performance, High Bandwidth RF Switch for Large Scale Deployments

WIRELESS LANS

Big features for administering big networks

The RFS7000 Wireless Switch from Symbol Technologies delivers the scalability and power necessary to propel your large scale wireless network. It takes advantage of Symbol's Wi-NG architecture to enable campus-wide roaming across subnets, and offer expanded failover capabilities, enhanced quality of service (QoS) and increased voice capacity. Security features include intrusion detection, an IPSec VPN gateway, secure guest access and protection against denial of service attacks.

Enterprise-class performance

Taking advantage of true multicore/multithreaded architecture, the RFS7000 is intended specifically for large scale, high bandwidth enterprise deployments — it is designed to handle at least 5,000 mobile devices, up to 256 802.11 a/b/g access ports or up to fifty 802.11n access ports, and a minimum of two Gbps of encrypted traffic (AES). Whether your business requires wireless deployment across multiple buildings, high-capacity systems, or deployment in large public access areas, the RFS7000 delivers it - efficiently and securely.

Enhanced mobility, security and manageability

In addition to providing the enterprise-class performance you need, the RFS7000 gives you the enhanced mobility, security and manageability that you've come to expect from Symbol.

Interfaces to locationing systems simplify asset tracking throughout your network, while support for L3 roaming and external fixed/mobile convergence solutions allow personnel to seamlessly roam from subnet to subnet, and from cellular to Wi-Fi. When used in concert with Symbol handheld devices, the RFS7000 enhances fast roaming capabilities and increases client battery life.

Again, the RFS7000 benefits from its Wi-NG architecture, providing comprehensive network security, including integrated MAC-based authentication, intrusion detection, an IPSec VPN gateway, AAA/Radius server (for WPA/WPA2 termination on the box) and "hotspot" provisioning capabilities for secure guest access. The stateful packet inspection firewall offers protection against denial of service attacks while optimizing network traffic.



FEATURES

Centralized Multicore/multithreaded architecture

Designed to support multiple RF technologies, such as Wi-Fi, RFID, 802.11n and Wi-MAX

L2 and L3 roaming

Comprehensive, layered security

Clustering and load balancing

BENEFITS

Security and high performance for bandwidth-heavy applications; a single point of management, lowering the overall cost of network deployment and administration

Reduce network administration requirements, improve business process flow, and enable data sharing by managing multiple RF networks on a single switch

Seamless roaming of mobile clients within a simplified wireless network design

Exceptional level of data and network protection without sacrificing fast roaming

Ensures loads are balanced between access ports to ensure quality application performance; supports multiple levels of redundancy in case of failure

Symbol Enterprise Mobility Services offers comprehensive support and technical expertise to design, deploy and maintain successful mobility solutions.

For more information, contact Symbol at 1.800.722.6234 or 1.631.738.2400, or visit us on the web at: www.symbol.com

About Symbol Technologies

Symbol Technologies, Inc., The Enterprise Mobility Company™, is a recognized worldwide leader in enterprise mobility, delivering products and solutions that capture, move and manage information in real time to and from the point of business activity. Symbol enterprise mobility solutions integrate advanced data capture products, radio frequency identification technology, mobile computing platforms, wireless infrastructure, mobility software and world-class services programs. Symbol enterprise mobility products and solutions are proven to increase workforce productivity, reduce operating costs, drive operational efficiencies and realize competitive advantages for the world's leading companies. More information is available at www.symbol.com



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