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TECHNOLOGY GROUP

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FORTRESS™ TECHNOLOGIES

250/500/1500 Mbps Models

FC-X Series

Fortress Security Controller

FEATURES & BENEFITS

Simple and secure wired or wireless connectivity
Fortress Security Controllers provide a secure wired or wireless connection for your network. As an overlay, the Controllers can be plugged into any environment, regardless of topology, infrastructure vendor or wireless technology used.

Increase productivity
Fortress Security Controllers allow you to extend the availability of applications throughout your enterprise, without compromising security or manageabilty. Wireless networking allows for efficient use of the network, and Fortress Security Controllers ensure that policies can be enforced regardless of the method used to access the network.

Easy to deploy and manage
Because minimal configuration is required, Fortress Security Controllers offer true plug-and-play deployment. The browser-based management application affords convenient administration, and multiple Fortress Security Controllers can be centrally managed using Fortress Management and Policy Server (MaPS).

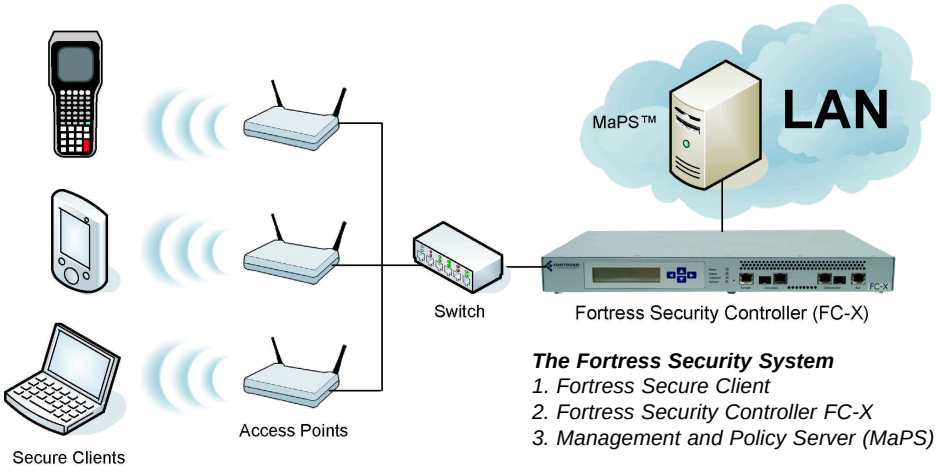
Use in any environment
The robust design and convenient form factor deliver dependable performance throughout your enterprise, making Fortress Security Controllers suitable for use in NOCs, front offices, retail space, warehouses or factory floors. Anywhere secure and manageable wireless networks are required, Fortress Security Controllers provide exceptional value.

Protects data, network and devices
With a robust security infrastructure that encrypts at Layer 2, Fortress products eliminate the opportunity for hackers to intercept important network data, view internal network addresses, or interrupt availability through denial-of-service attacks.

Wireless networking and device mobility are essential components of today's local area networks. Organizations in almost every industry are currently realizing the business benefits associated with wireless networking for PCs, handhelds and specialized devices. Wireless networks require considerably less effort to implement, resulting in potential cost savings.

In today's environment, the flow of information is critical to keep businesses running smoothly. Dozens of internal systems are required to ensure the highest levels of operational efficiency. From the executive suite to the warehouse, IT systems maintained over WLANs are becoming an increasingly popular alternative, if not an outright requirement, in a network-centric environment.

The Fortress Security System



The Fortress Security System
1. Fortress Secure Client
2. Fortress Security Controller FC-X
3. Management and Policy Server (MaPS)

Providing Secure Wireless Connectivity from the Edge to the Core of Any Network
Now, wireless networks can be deployed with the security and management features demanded by competitive IT and stringent business requirements, resulting in greater productivity, mobility and lower total cost of ownership. With the traditional perimeters of data networks expanding and, in some cases, disappearing, today's networks require internal defenses as well as the traditional external defenses. Fortress's complete product offering secures every part of your network, from edge to core.

Whether protecting small pockets of WLAN users or an entire enterprise, Fortress has models suitable for your specific requirements. Fortress Security Controllers provide security between wireless devices, users and network infrastructure. All critical security operations - encryption, authentication, data integrity checking, key exchange, and data compression - are optimized to minimize hands-on management. It provides secure service for multiple access points simultaneously and scales for various architectures.

Fortress Technologies provides a comprehensive, robust wireless solution that is easy to implement and maintain. By securing the device, data and network, Fortress is the strongest commercially available security platform for wireless networks.

FC-X Series

Fortress Security Controller Specifications

Fortress Security Controllers are an integral part of the Fortress Security System

Fortress System Components

Controllers and Secure Gateways - FC-X, AF2100 & AF7500 - provide security between wireless devices, users and network infrastructure. All critical security operations - encryption, authentication, data integrity checking, key exchange, and data compression - are optimized to minimize hands-on management. They also provide secure service for multiple access points simultaneously and scales for various architectures.

Secure Clients - enable devices to securely communicate with the network and Peer-to-Peer. Only authorized devices are allowed access. This lightweight software client supports the widest ranges of devices and operating systems.

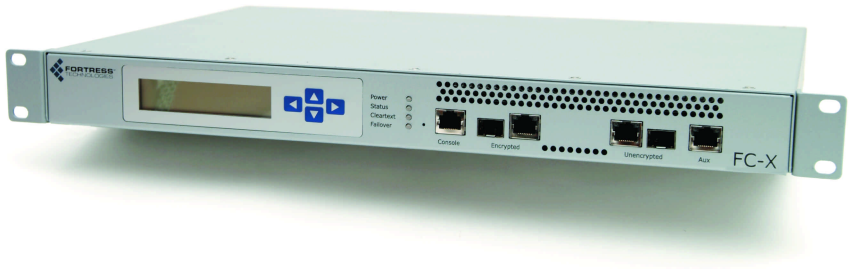
The Fortress Secure Client runs natively on PCs, tablets, PDAs, and industrial devices that run Windows, Windows CE, Windows Mobile, Linux, Palm Tungsten C, DOS, or Mac OSX.

Secure Client Bridges - secure devices that have no facility for wireless communication, or are not capable of running the Fortress Secure Client natively, such as printers, scales, medical equipment, manufacturing machinery, point-of-sale devices and more. This hardware client provides a flexible option for any device with standard Ethernet output.

Management and Policy Server (MaPS) - provides a centralized management and administration platform for security services and policy management. MaPS facilitates easy control and access to configuration and operational information for thousands of Fortress Security Controllers and tens of thousands of users across enterprise LANs and remote facilities.

Wireless Monitoring System (WMS) - detects every wireless threat to the network, and responds automatically. An intuitive global interface provides full disclosure of all wireless events, reducing the time spent managing your networks. The end result is a system that brings simplicity, accountability, and bulletproof defenses to any wireless investment.

The Fortress product solution is represented by a global, diverse network of authorized distributors, value-added resellers and systems integrators.



SPECIFICATIONS

FEATURES AND PERFORMANCE

throughput	• 250Mbps, 500Mbps, 1.5Gbps - upgradeable via Selectable Performance Module
encryption	• AES 128, 192, 256
multi-factor authentication options	• network, device, user, guest, 802.1x
user authentication options	• RADIUS, LDAP*, Active Directory*, internal database*, RSA SecurID*
traffic prioritization	• 5 level Class of Service*
manageability	• SNMP or Fortress MaPS
VLAN support	• up to 4096 VLANs
logging	• exportable to Syslog*

**when used with Fortress Management and Policy Server (MaPS)*

HARDWARE

form factor	• 1U standard rack mount chassis
dimensions	• 1.75"H × 17.5"W × 12"D (4.44cm × 44.45cm × 30.48cm)
weight	• 11 lbs. (5 kg), approx.
connections	• two SFP transceiver receptacles (Encrypted and Unencrypted); • three RJ-45 10/100/1000 Mbps Auto-MDIX Ethernet ports (Encrypted, Unencrypted and Aux) • one RJ-45 serial port (Console)
power supply	• internal 100/240 VAC with a rear-panel inlet
power switches	• back-panel on/off power control; • front-panel, recessed, warm-power reset control
system LEDs	• four front-panel LEDs: Power, Status, Cleartext, Failover • three pairs integrated port LEDs
system LCD	• two-line, 20-character, backlit LCD text display
system LCD keypad	• four arrow keys for LCD menu navigation
maximum AC draw	• 40 Watts
maximum heat dissipation	• 136 BTU/hr
cooling	• 2 8000 RPM exhaust fans
operating temperature	• 32° F ~ 122° F (0° ~ 50°C)
operating relative humidity *(non-condensing)*	• 8% ~ 95%
operating altitude	• 0 ~ 16,404 feet (0 ~ 5,000 meters)
storage temperature	• -4° ~ 158° F (-20° ~ 70° C)
safety	• UL, CE markings per 60950-2
emissions	• FCC Class B, EN55022
warranty	• Ships with 1 year of Maintenance and Support

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Visit www.fortresstech.com
Fortress Technologies Inc.
4023 Tampa Road, Suite 2000
Oldsmar, FL 34677
Phone: 813.288.7388 or
1.888.4PRIVACY (477-4822)

FORTRESS™ TECHNOLOGIES

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