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TECHNOLOGY GROUP

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FC SERIES



FORTRESS® TECHNOLOGIES

Fortress Security Controller

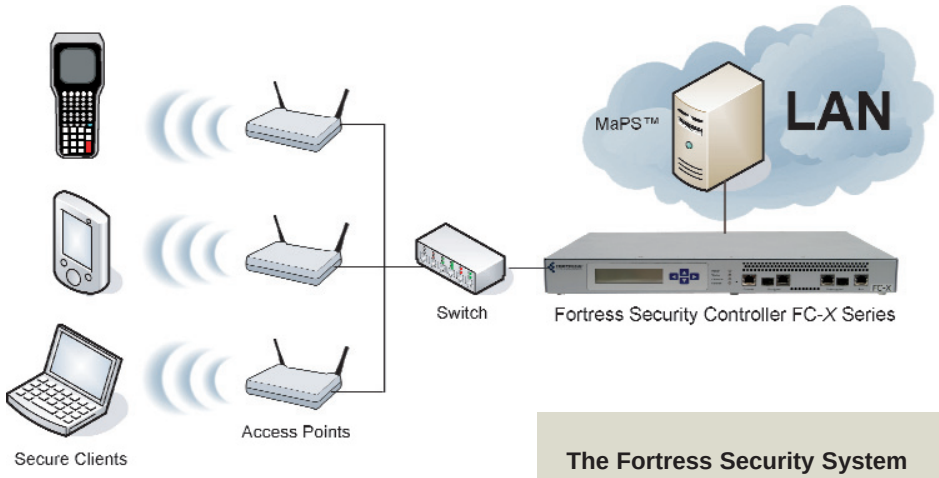
250/500/1500 Mbps Models

FIPS VALIDATED 140-2

Organizations today struggle to comply with security policy while still providing the performance needed to satisfy the bandwidth demands of today's voice, video and data applications. Fortress's FC-X series are high-performance security controllers providing encrypted throughputs of up to 1.9 Gbps. Now, a large-scale enterprise can secure communications from thousands of wireless users in an enterprise WLAN or over high-speed optical links. Because the FC-X processes packets at a high rate with low latency, it satisfies the rigorous demands for large VoIP deployments, a rapidly growing application for wireless communications.

Built for maximum flexibility, Fortress Security Controllers offer throughputs up to 1.9Gbps and are interoperable with Wi-Fi, WiMAX, Free Space Optics, Satellite and Military RF.

The Fortress Security System



The Fortress Security System

1. Fortress Secure Client
2. Fortress Security Controller
3. Management and Policy Server (MaPS)



FC SERIES

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 manageability. 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).

Dependable Performance
The robust design and convenient form factor deliver dependable performance throughout your enterprise. Fortress Security Controllers are suitable for use in NOCs, large enterprises or high speed links - anywhere secure and manageable wireless networks are required.

High Assurance Certified Security
With FIPS-validated, Layer 2, AES-256 encryption, Fortress products eliminate the opportunity for hackers to intercept important network data, view network addresses, or interrupt availability. Fortress offers proven security that has been thoroughly tested and deployed in the most demanding environments.



FC-X SPECIFICATIONS

FEATURES AND PERFORMANCE

throughput	· 250Mbps, 500Mbps, 1.5Gbps - upgradeable via Selectable Performance Module
encryption	· AES 128, 192, 256, Suite B module available
multi-factor authentication	· network, device, user, guest, 802.1x · RADIUS, LDAP*, Active Directory*, RSA SecurID*, internal database*, PKI/CAC
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
warranty	· ships with 1 year of Maintenance and Support

ENVIRONMENTAL

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)

CERTIFICATIONS

safety	· UL, CE markings per 60950-2
emissions	· FCC Class B, EN55022
NIST	· FIPS 140-2 Level 2
Common Criteria	· EAL 3 submitted

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FORTRESS® TECHNOLOGIES

Artisan Technology Group is an independent supplier of quality pre-owned equipment

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We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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