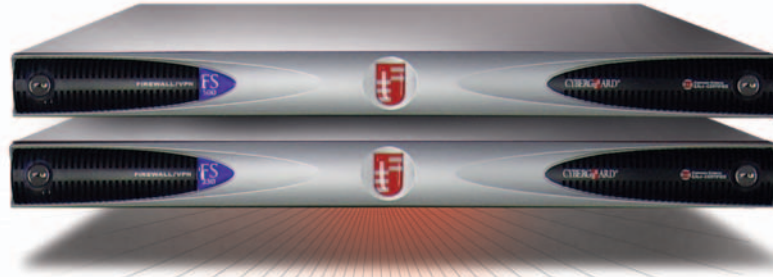# FS 300/600

CYBERGUARD®
PREMIUM FIREWALL/VPN APPLIANCE

When you need powerful protection in a practical package, consider the CyberGuard FS series – a premium firewall/VPN appliance designed for networks with moderate bandwidth requirements. The FS series is also a perfect solution for large enterprises using CyberGuard SL or KS that want to extend their networks.

MULTILEVEL SECURITY
Multilevel security treats each layer of the hardened operating system (OS) discretely, separating network from system levels to provide a virtually impenetrable firewall environment – a unique CyberGuard feature that removes access to the operating system from would-be hackers.

BREAKTHROUGH PERFORMANCE
Designed to deliver maximum throughput, CyberGuard firewall/VPN appliances eliminate the performance barriers imposed by traditional firewalls and virtual private network encryption. Offering 1.2 Gbps performance and up to 500 thousand simultaneous connections, the sleek FS has more than enough throughput to meet the bandwidth requirements of many busy networks. As a companion to larger CyberGuard firewall appliances, the FS series lets organizations match their network performance requirements at various levels to implement a flexible deployment strategy.

MANAGEABILITY
Set-up is so quick and easy, the FS can be up and running in less than 30 minutes right out of the box. The logical GUI makes configuring and managing your firewall straightforward and simple. Yet, you've got the kind of granularity that makes it easy to implement and manage the most rigorous security policy. Customizable alerts via SNMP trap, e-mail, pager or logs let you know if there is a problem you need to check out. Built-in secure, browser-based remote management lets you respond from anywhere.

INTRUSION PREVENTION ARCHITECTURE
You decide how best to protect your network with a hybrid architecture that lets you choose stateful packet filtering, a circuit level gateway or strong application proxies that inspect each and every packet at the application layer (layer 7).

INTEGRATED VPN
Simple to use, the integrated VPN is interoperable with a wide variety of third-party platforms and clients. It comes with fully integrated, standardized IPsec, IKE and X.509 certificate support; GUI PKI configuration for easy certificate management; support for a wide range of cryptographic algorithms including 3DES and AES; capability for VPN access through NAT to remote private networks; and a number of other features.

CERTIFICATIONS
The secure OS was originally designed to meet TCSEC/NCSC criteria at the Orange Book B1 level. Today, FS carries the highest levels of independent, objective security certifications – Common Criteria Evaluation Assurance Level 4+ (EAL4+), ICSA, ITSEC E3 and VPNC. CyberGuard is the only firewall vendor enrolled in Common Criteria Assurance Maintenance, which protects your investment by ensuring that upgrades retain the original level of certification.

WORLD-CLASS SERVICE
When you call, we listen and we respond. Our worldwide customer support center offers help on the phone and on-line, 24x7. Call our helpline and you'll connect with a highly qualified, experienced security professional ready to answer your questions and help you resolve any firewall/VPN issue.

LOW TOTAL COST OF OWNERSHIP
Consider unlimited user licenses, how quickly your FS can be up and running, the easy to use GUI, comprehensive set of central management features and secure operating system that provides continuous protection – not "patch" technology that needs constant attention – and you'll find CyberGuard's FS series to be your most cost-effective solution.

CYBERGUARD®
WORLDWIDE

FS 300/600

		STANDARD							OPTIONS		
Form Factor	Rack Mount	10/100/1000 Ethernet Interfaces	10/100 Ethernet Interfaces	Memory	Keyboard Video Mouse Support	Fast Disk Recovery	Power Supplies	VPN	2 port fiber	HA Configuration	ATM
300	1U	Y	1	2	128MB	Y	Y	1	Y	N	N	N
600	1U	Y	7	1	256MB	Y	Y	1	Y	Y	Y	Y

High availability (HA) configurations: Please note that configuring a unit as part of an HA pair requires two dedicated Ethernet interfaces.

SECURITY • PERFORMANCE • MANAGEABILITY

KEY BENEFITS

SECURITY CREDENTIALS
- First firewall appliance to earn Common Criteria Evaluation Assurance Level 4
- ICSA
- ITSEC E3
- Designed to meet B1 level TCSEC/NCSC criteria
- Common Criteria Assurance Maintenance
- VPNC interoperability and conformance certifications

PERFORMANCE AND RELIABILITY
- Up to 1.2 Gbps
- Up to 550 thousand simultaneous connections
- Single-processor appliance
- High availability option (FS600) with state synchronization for stateful failover
- Emergency recovery mechanism for quick system recovery

MANAGEABILITY
- Arrives ready to power up
- Installs in less than 30 minutes
- Lights-out operation
- One-click software updates
- Secure browser-based remote administration
- Central monitoring
- Alerts via SNMP trap, e-mail, pager, logs, custom – respond from anywhere
- Unlimited user license

VERSATILITY
- Compact 1U rack mount chassis
- Multi-architectural approach – static and dynamic (stateful) packet filtering, circuit level gateway and application proxies
- Extensive granularity for maximum control of network traffic
- Intuitive management interface
- Virtual on demand security policy
- Part of a range of security appliances for flexible deployment

STANDARD FEATURES:

- Multilevel security hardened operating system
- Integrated IPsec VPN with enhanced features:
  - IKE Config with XAUTH
  - NAT Traversal (NAT-T)
- Secure browser-based remote management of single or multiple firewalls
- Static and stateful (dynamic) time-based packet filtering
- Suite of CyberGuard SmartProxies: FTP, Gopher, HTTP, LDAP (support up to Ver. 3), Load Equalizer, Lotus Notes, MS-SQL, NNTP, Port Guard, RealAudio Protocol, Remote Login, SQL*Net, SMTP, SSL, Telnet, UDP and X-Windows
- Voice over IP (VoIP) support via H.323 Protocol and SIP Proxies
- SOCKS v5 support
- 802.3AD Link Aggregation (LAG) module support for LACP
- Dynamic and static network address translation (NAT and NAT Pooling)
- Split Domain Name System (DNS)
- Routing:
  - Static, RIP1, RIP2, OSPF, BGP, IGMP
  - Multicast DVMRP
- Content Vectoring Protocol (CVP3) supports third-party virus scanning
- Passport One™ (virtual on demand security policy)
- Authentication Services:
  - RADIUS
  - LDAP
  - RSA SecurID®
- UPS support
- Comprehensive event logging
- Unlimited user license
- Centralized log storage
- Configuration tracking
- Single-click upgrades and enhancements
- VLAN aware (802.1Q)
- Webwasher® Support for SMTP, HTTP, and FTP

OPTIONAL FEATURES

- VPN remote client software
- High availability software (FS600)
- Global Command Center™ central management solution
- CSMART™ advanced reporting tool
- Webwasher® Content Filtering, Antivirus, and Antispam

CyberGuard Firewall is **Common Criteria EAL4+ CERTIFIED**

CYBERGUARD® WORLDWIDE

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