MANAGED FIREWALL
powered by Fortinet®

GREAT PLAINS
COMMUNICATIONS

Elevate your Network Security

Our fully managed firewall service includes the design, deployment and management of market-leading* Fortinet Next-Generation Firewalls (NGFWs). This service protects your business against malicious traffic or intrusions, and is monitored 24x7x365 from a Security Operations Center (SOC) staffed by certified network security engineers.

The GPC Managed Firewall Service includes a full range of high-performance Fortinet FortiGate® security appliances equipped with the FortiGuard Enterprise Protection Bundle, the most comprehensive package available, with AI-powered FortiGuard to provide enterprise-grade security for all attack surfaces.

Enterprise-Grade Security at all Attack Surfaces

NETWORK AND FILE SECURITY

Consists of Intrusion Protection Service (IPS) to monitor network traffic, packet analyzation to identify malicious content, machine learning for real-time threat detection and anti-malware to provide defense against all threats

ZERO-DAY PROTECTION

Blocks unknown files and zero-day threats using Inline Malware Prevention using real-time updates from FortiGuard Labs and follows the built-in MITRE ATT&CK® matrix to enable sub-second decisions to approve or block files

WEB, VIDEO AND DNS SECURITY

Blocks malicious and inappropriate content using URL and web content filtering, checks email links for potential phishing threats, and provides DNS security to ensure user privacy and service reliability

DLP, CASB AND APPLICATION CONTROL

Data loss prevention (DLP) protects customer data from unauthorized disclosure while Cloud Access Security Broker (CASB) and application control enable visibility, control and security for cloud-based applications

FORTICLIENT

Optional Zero-Trust Network Access (ZTNA) VPNs for remote and hybrid employees

FORTICONVERTER SERVICE

Translates existing firewall configurations into the appropriate FortiGate capabilities

CENTRALIZED MANAGEMENT AND VISIBILITY

Includes FortiManager Cloud and FortiAnalyzer Cloud:

FortiManager Cloud: Provides centralized visibility and management of all GPC Managed Firewalls from a single dashboard

FortiAnalyzer Cloud: Simplifies security operations, proactive identification and remediation of risks and complete visibility of the entire attack surface from a single dashboard

PREMIUM SUPPORT

Includes premium technical support services with 24x7x365 availability

Platform Specification and Performance Matrix

Office Platforms	Small Office FG-40F	Medium Office FG-60F	Large Office FG-80F	Hub/HQ Office FG-90G
Firewall Throughput (Ethernet 1518 Byte)	5 Gbps	10 Gbps	10 Gbps	28 Gbps
IPsec VPN Throughput (512 Byte)[1]	4.4 Gbps	6.5 Gbps	6.5 Gbps	25 Gbps
IPS Throughput (Enterprise Mix)[2]	1 Gbps	1.4 Gbps	1.4 Gbps	4.5 Gbps
NGFW Throughput (Enterprise Mix)[2,4]	800 Mbps	1 Gbps	1 Gbps	2.5 Gbps
Threat Protection Throughput (Enterprise Mix)[2,5]	600 Mbps	700 Mbps	900 Mbps	2.2 Gbps
SSL Inspection Throughput (IPS, avg. HTTPS)[3]	310 Mbps	630 Mbps	715 Mbps	2.6 Gbps
Max G/W to G/W IPSEC Tunnels	200	200	200	200
Interfaces	5x GE RJ45	10x GE RJ45	8x GE RJ45, 2x Shared Port Pairs	8x GE RJ45, 2x 10GE Shared
Power Supplies (PS)	Single AC	Single AC	Single AC, Dual Inputs	Single AC, Dual Inputs
Form Factor	Desktop	Desktop	Desktop	Desktop

Data Center Platforms	Small Data Center FG-100F	Medium Data Center FG-120G	Large Data Center FG-400F
Firewall Throughput (Ethernet 1518 Byte)	20 Gbps	39 Gbps	79.5 Gbps
IPsec VPN Throughput (512 Byte)[1]	11.5 Gbps	35 Gbps	55 Gbps
IPS Throughput (Enterprise Mix)[2]	2.6 Gbps	5.3 Gbps	12 Gbps
NGFW Throughput (Enterprise Mix)[2,4]	1.6 Gbps	3.1 Gbps	10 Gbps
Threat Protection Throughput (Enterprise Mix)[2,5]	1 Gbps	2.8 Gbps	9 Gbps
SSL Inspection Throughput (IPS, avg. HTTPS)[3]	1 Gbps	3 Gbps	8 Gbps
Max G/W to G/W IPSEC Tunnels	2,000	2,000	2,000
Interfaces	2x 10 GE SFP+, 18x GE RJ45, 4xShared Port Pairs, 8x GE SFP	4x 10 GE SFP+, 18x GE RJ45, 8x GE SFP	8x 10GE SFP+ , 8x GE SFP, 18 x GE RJ45
Power Supplies (PS)	Dual AC	Dual AC	Dual AC
Form Factor (Rack Mount)	1 RU	1 RU	1 RU

All performance values are "up to" and vary depending on system configuration. GE = Gigabit Ethernet.

1. IPsec VPN performance test uses AES256-SHA256.
2. IPS, Application Control, NGFW and Unified Threat Protection (UTP) are measured with Logging enabled.
3. SSL Inspection performance values use an average of HTTPS sessions of different cipher suites.
4. NGFW performance is measured with Firewall, IPS and Application Control enabled, Enterprise Mix traffic.
5. Threat Protection performance is measured with Firewall, IPS, Application Control, and Malware Protection enabled, Enterprise Mix traffic.