

The OneGate™ 1000 Internet Access System

*Affordable, turnkey, Internet access system
for growing businesses*



OneGate

to the Net!

The OneGate 1000 turnkey Internet access system gets you on the Net the same day!

Now small businesses can get on the Net, use the Web and e-mail the same day with the industrial strength reliability and full security that large businesses enjoy. With advanced features like a Web server, e-mail, integrated firewall, integrated router, file transfer and remote management, small businesses can operate as BIG businesses on the Net. Our advanced VPN software allows remote branch offices and remote users to securely connect via the Net as if on a single Local Area Network.

Your dilemma today is you want to connect to the Net without buying tons of equipment, hiring MIS people and dealing with multiple suppliers. What a nightmare! The OneGate 1000 Internet access system meets all these requirements in a single system. You get a reliable, secure hardware/software system managed through an easy-to-use Web browser.

It's thin!

Thin in costs!

Thin in hassles!

FreeGate's new thin server technology

The OneGate 1000 is a specialized application server optimized to be a low cost hardware/software system with all the features you need to connect to the Net. Previously it was necessary to get all these features on separate systems from multiple vendors.

Connect the OneGate 1000 to your LAN and the Net and you immediately gain access to:

- **Easy-to-use Web browser interface** designed for non-technical people to manage the system
- **E-mail server** allows every user in your company to have a personal e-mail address to send and receive e-mail securely
- **Web server** for Web access, Web publishing, and e-commerce
- **Industrial strength reliability** built-in redundancy provides reliable Internet access and keeps you in business
- **Security** with an integrated firewall to protect your company from unwanted intruders
- **Virtual Private Networking (VPN)** enables remote users and branch offices to be securely connected over the Net at lower rates than traditional telecom services.
- **High speeds** up to 1.5 Mbps T1 service as well as ISDN
- **Remote system management and administration** via an easy-to-use Web browser interface
- **Built-in router** saves you money on buying additional network components
- **FTP server** to provide file transfer services

www.freegate.com
Toll Free 877-ONE-GATE
877-663-4283

What makes the OneGate 1000 Internet access system different from everyone else?

Reliability & Low Cost

Industrial strength reliability at low cost. The OneGate 1000 includes redundant disk drive systems so that you stay in business.

High Performance

No standard PC-based system can give you the rugged performance you get in a simple-to-use, low cost package like the OneGate 1000.

Growth Flexibility

You can start up on the Net with the OneGate 1000 cost effectively when you have 5 employees or more. As your business grows, the OneGate 1000 is adjustable to your needs. (If you need a low cost system for 2-25 users check out the OneGate 150.)

Hardware Specifications

LAN Interfaces	Two 10 Mbps Ethernet ports (RJ-45 for 10BaseT). One connects to the Intranet-secured LAN; the other connects to a publicly accessible network (DMZ)
Modem	RJ-11/RJ-45, MNP4, v.42 Bis
Built-in WAN Interfaces	1 BRI ISDN line via RJ-49 for either S/T interface or U interface 1 Switched 56 kbps* 4-wired CSU/DSU (DDS Model) RJ-48S, F-T1/T1 RJ-48C with integrated CSU/DSU (WAN interface card), serial V.35, and X.21
Hard Disk Drive	2 hard drives for reliability, 2.1 GB IDE (mirrored), upgrades to 6.4 GB IDE
Mounting Options	Wall mount, rack mount, table mount
Cooling	Dual fans for redundancy
Memory	32 - 64 MB ECC RAM
Dimensions	17" x 10" x 1.75" (43.2 cm x 25 cm x 5 cm)
Weight	10 lbs (4.5 Kg)
Power Requirements	60 watts, 47 - 63 Hz, 90 - 240 VAC
Operating Requirements	Temperature 32 - 104°F (0 - 40°C) Altitude 0 - 14,800 feet (0 - 4,500 meters) Relative humidity 5 - 90% (noncondensing)
Certifications Safety	UL 1950 (BRI ISDN, switched 56 kbps models), CSA, EN60950 (ST model), Industry Canada CS-03, FCC Part 68
EMI/RF	FCC Part 15 - Class B, EN 55022B, EN 50082-1, VCCI, (BRI ISDN - ST model) FCC Part 15 - Class A, all other models

Software Specifications

Internet Routing	Full IP routing, static and dynamic routing
Dynamic Routing Protocols	RIP v.1, RIP v.2
Multimedia Support	IP Multicast, DVMRP
WAN Protocols	PPP (RFC 1332, 1661), Cisco HDLC, Frame Relay PVC (RFC 1490)
Bandwidth Management	Multilink PPP (RFC 1990), TCP Header Compression (RFC 1144), Data Compression (LZS STAC), (RFC 1974)
Security	PAP, CHAP (RFC 1994), Callback, Packet Filter Firewall Dynamic Firewall Support for FTP, RealAudi™ and Telnet
Web Server	HTTP 1.1
E-mail Server	POP3/SMTP e-mail server (unlimited licenses)
File Transfer	Internet FTP, Microsoft's SMB file sharing for drag-and-drop from Windows 95/98 or NT clients
Remote Access VPN	PPTP, MPPE, MPPC (RFC 2118)
Branch VPN	IPSec, (RFC 1826, RFC 1817), DES, Triple DES
Network Management	SNMP, MIB II, FreeGate's Remote Management System
Remote Software Upgrade	Automatic upgrade over the Internet
Remote Maintenance	Service access via built-in modem or over the Internet
Other Services	NAT, DNS, DHCP and XNTP services
Supported Switch Types	5ESS, DMS100, NT1, NTT, ETSI

* Capable of receiving at up to 56 kbps and sending at up to 31.2 kbps. Due to FCC regulations, receiving speeds limited to 53 kbps. Actual speeds may vary. Requires compatible phone line and server equipment.



1208 E. Arques Avenue, Sunnyvale, California 94086 U.S.A. Telephone: 408-617-1000 Fax: 408-617-1010
Sales Hotline: Toll Free 877-ONE-GATE (877-663-4283) Sales Fax: 408-617-1261
Web site: www.freegate.com E-mail: sales@freegate.com

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