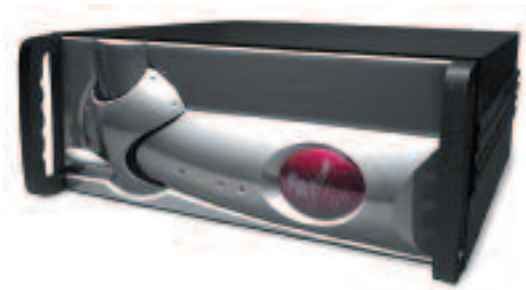# MPVPN

FatPipe MPVPN takes any VPN and makes it up to 9 times more secure and 3 times more reliable, redundant and fast. MPVPN comes in three standard speeds with higher speeds available upon request.

2 Mbps

LOAD BALANCING
- Round Robin
- On Failure
- Response Time
- Fastest Route

MANAGEMENT
- Policy Routing
- Basic Firewall
- Java interface
- Network configuration
- Emergency paging and e-mail alerts
- Automatic failover
- Speed Chart and Speed Meter
- SNMP ready

SECURITY
- Inherent NAT-based Firewall
- Reverse Mapping

WARRANTY
- 1 year full hardware warranty
- Includes 90 days of free technical support

DIMENSIONS
- 2.75"Hx12.5"W10.75"D (per unit) 1U Industry standard chassis

WEIGHT
- 24.5 lbs (per unit)

NETWORK INTERFACE
- Four 10/100 BASE Fast Ethernet (Three enabled and one disabled)

50/155 Mbps
Higher speeds available upon request

LOAD BALANCING
- Round Robin
- On Failure
- Response Time
- Fastest Route

MANAGEMENT
- Policy Routing
- Basic Firewall
- Java interface
- Network configuration
- Emergency paging and e-mail alerts
- Automatic failover
- Speed Chart and Speed Meter
- SNMP Ready

SECURITY
- Inherent NAT-based Firewall
- Reverse Mapping

WARRANTY
- 1 year full hardware warranty
- Includes 90 days of free technical support

DIMENSIONS
- 7"Hx19"Wx17.8"D (per unit) 4U industry standard rack-mount chassis
- High cooling, high reliability industrial design

WEIGHT
- 43 lbs (per unit)

NETWORK INTERFACE
- Four 10/100 BASE Fast Ethernet
- Fast Ethernet Fiber and Gigabit Ethernet available
- Additional WAN ports available

FatPipe Networks
4455 South 700 East, 1st Floor, Salt Lake City, Utah 84107
www.fatpipeinc.com • Info@fatpipeinc.com
Tel: 800.724.8521 • 801.281.3434 • Fax: 801.281.0317

FatPipe MPVPN

Highest level of security, fault tolerance, and speed for Mission Critical VPNs

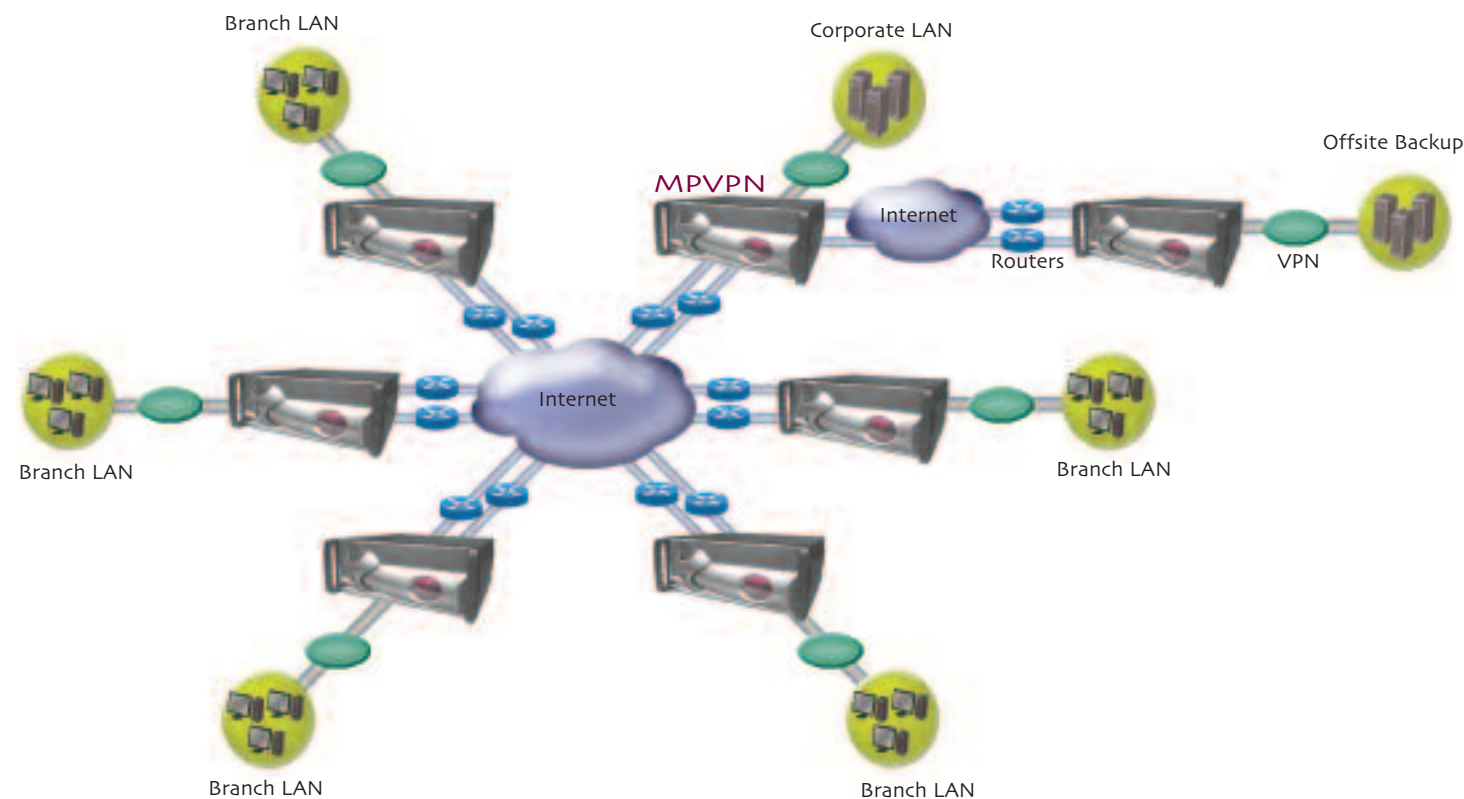# MAKE YOUR VPN 900% MORE SECURE, AND 300% MORE REDUNDANT, RELIABLE, AND FAST

NEW! Fault tolerance for Remote VPN users, Enhanced load balancing methods, and Route Control Tools

MPVPN® takes any VPN and makes it up to 300% more reliable and redundant, 300% faster, and provides up to 900% more security for WAN data transmissions. MPVPN dynamically balances load over multiple lines and ISPs without the need for BGP programming. MPVPN can take WANs with an uptime of 99.5% or less and make them 99.999988% or higher, providing a virtually infallible WAN.

MPVPN provides customers with confidence that their VPNs will stay "up" at all times regardless of failures of the network's services or hardware.

MPVPN — **MPVPN**

LAN — Corporate LAN

File Server — VPN — Internet — Routers — Routers — VPN — File Server

Multiple Office Configuration

Branch LAN — Corporate LAN — Offsite Backup

MPVPN — Internet — Routers — VPN

Branch LAN — Internet — Branch LAN

Branch LAN — Branch LAN

SECURITY, REDUNDANCY, RELIABILITY & SPEED FOR VPNS

Patented and additional patents pending.

FatPipe Networks is the sole developer of patented router clustering technology specifically designed to provide high security, redundancy, reliability, and speed for Virtual Private Networks (VPNs). MPVPN® enables customers' mission critical VPNs to stay "up" at all times by transcending the failures of any WAN line, ISP, router or other individual hardware components. Security of data transmission is also increased up to 900% with FatPipe's patented MPSec™, which breaks each data stream down to the packet level, randomly sends the packets over multiple connections, and reassembles the packets at the receiving end. MPSec makes it virtually impossible for hackers or intruders to trap data and decrypt confidential information.

YOU CANNOT AFFORD TO GO DOWN

- Network outages and degradation are causing significant losses in productivity and revenue, ranging from less than 1/10th of 1% of total revenue to almost 1% (up to $74.6 million per year). Infonetics Research, The Cost of Downtime
- One third of U.S. businesses face the loss of critical data or operational capability in the wake of a disaster, unless investments toward disaster preparedness planning are made. Gartner Group; U.S. Firms Unprepared for Disasters
- 2000 study of downtime at 85 large organizations (over 1,000 employees), found an average of over $32 million in revenue and productivity losses. Infonetics Research, The Cost of Downtime, 2003
- The growth of network complexity has produced many more potential points of degradation and failure. Infonetics Research, The Cost of Downtime, 2003

FEATURES & BENEFITS

- **MPSec:** FatPipe's patented Multi-Path Security provides up to nine times more security, making it virtually impossible to trap data flow and decrypt information in correct sequence.

- **Fault Tolerance for Remote VPN Users:** FatPipe MPVPN uses an enhanced feature that provides redundancy for remote VPN clients using IPSec, PPTP as well as several other custom encryption algorithms, ensuring connectivity even when a WAN line fails.

- **SmartDNS:** FatPipe's patent-pending technology intelligently balances load across all available lines and provides for redundancy of inbound IP traffic resulting in efficient delivery of information.

- Supports multi-homing connections over multiple lines without ISP cooperation or expensive routers with programming capabilities.

- Ability to see VPN status at all locations.

- **Reverse Mapping:** Allows companies to conserve IP addresses and direct application traffic to specific servers.

- **Proxy ARP:** No need to reset gateway IP address for client computers in a LAN when integrating MPVPN into a network, saving time and money.

- **Enhanced Route Control Tools:** MPVPN's improved routing options give Administrators greater control over IP traffic delivery, allowing them to define routing criteria based on application and provider.

- **Unit Failover:** An automatic unit failover option is available to customers that want a standby unit to backup the active MPVPN unit.

- **Basic Firewall:** Allows administrators to block any inbound and outbound traffic.

- **Full WARP functionality:** MPVPN incorporates all of the features and benefits of FatPipe WARP.

AVAILABLE ADD-ON FEATURES & FUNCTIONS

- **QoS:** FatPipe Quality of Service (QoS) can help you optimize the efficiency of your internet connection by providing tools to control congestion and prioritize data flow up to ten levels.

- **Site Failover:** Companies that have or are building disaster recovery solutions can set up site failover between two or more FatPipe units. FatPipe is the only product that can automatically failover one multi line location to another multi line location from different carriers.

- **IPSec:** Allows you can create point-to-point VPN tunnels without the need of an additional encryption device.

- **Compression:** Data compression can be added on to MPVPN, increasing network capacity up to three times. By compressing packet payload and eliminating redundant data traffic over a WAN, FatPipe Compression technology significantly increases a network's throughput, bringing significant cost savings immediately

- **Centralized Manager:** Manages all devices from a single location.