

# IPVPN

Highest level of security, fault tolerance, and speed for Privately Managed or CPE VPN's. IPVPN comes in three standard speeds with higher speeds available upon request.



## 2 Mbps

### LOAD BALANCING

- Round Robin
- 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
- On Failure

### SECURITY

- Inherent NAT-based Firewall
- Reverse Mapping

### WARRANTY

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

### DIMENSIONS

- 1U Industry standard chassis 2.75"H x 12.5"W x 10.75"D (6.985cm H x 31.75cm W x 27.305cm D) per unit

### WEIGHT

- 24.5 lbs (10.89kg)

### 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
- 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
- On Failure

### SECURITY

- Inherent NAT-based Firewall
- Reverse Mapping

### WARRANTY

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

### DIMENSIONS

- 4U industry standard rack-mount chassis - high reliability, fast cooling industrial design
- 7"H x 19"W x 17.8"D (17.78cm H x 42.26cm W x 45.212cm D)

### WEIGHT

- 43 lbs (19.5kg)

### NETWORK INTERFACE

- Four 10/100 BASE Fast Ethernet
- Fast Ethernet Fiber and Gigabit Ethernet upgrade available
- Additional WAN port(s) upgrade available

# FatPipe IPVPN

Highest level of security, fault tolerance and speed for private, managed or Customer Premise VPNs

MAKE YOUR VPN 300% MORE SECURE,  
REDUNDANT AND FAST



Feature add-ons  
include QoS, Site  
Load Balancing,  
Central Manager  
and Compression



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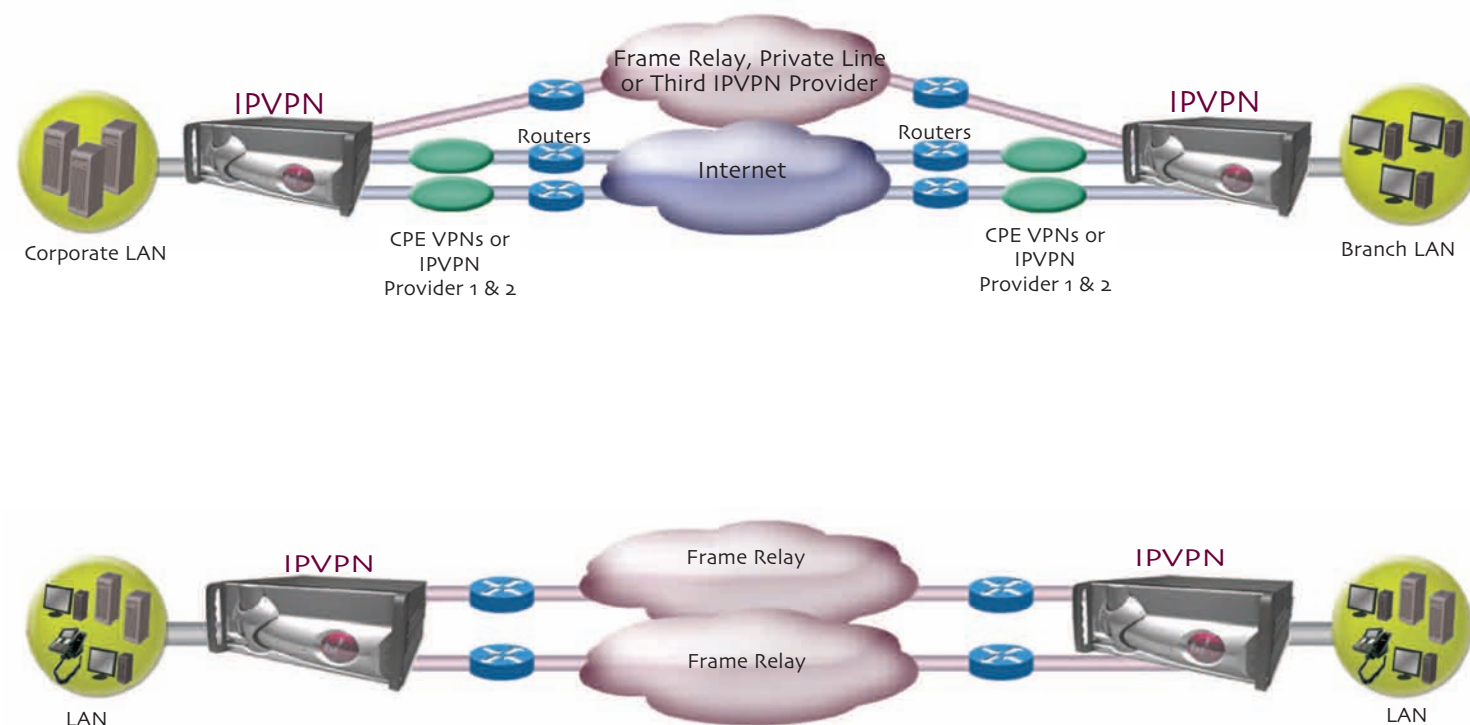
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FatPipe IPVPN works with new and existing networks, creating a flexible system that balances load among multiple managed and Customer Premise Equipment (CPE) based VPNs as well as dedicated private networks. Corporations can deploy VPNs anywhere in the world and still get the highest level of WAN availability and uptime with FatPipe IPVPN.

FatPipe IPVPN can also provide an easy, low-cost migration path from Frame Relay to VPN. Companies can aggregate multiple private and public networks without BGP, NNI or new equipment at the provider's site.

FatPipe IPVPN gives the customer the option of using a VPN at the customer premise or with a managed VPN service as a backup to a frame relay or private line.

IPVPN also works with multiple managed VPN service providers when customers want to backup a managed service with another managed service as part of their disaster recovery/preparedness plan.



## SECURITY, REDUNDANCY, RELIABILITY AND SPEED FOR MULTIPLE MANAGED AND CPE BASED VPNS

Patented and additional patents pending. US Patent # 6,493,341 B1; US Patent # 6,253,247 B1; US Patent # 6,295,276; US Patent # 6,775,235 B2; US Patent # 7,269,143

FatPipe IPVPN is the only product of its kind that works with multiple managed VPN services from multiple providers, CPE based VPNs, and private lines to achieve the highest level of reliability, redundancy, speed, and security for interoffice data transmissions.

### YOU CANNOT AFFORD TO GO DOWN

- Network outages and degradation cause significant losses in productivity and revenue, ranging up to 1%. A study of downtime at 85 large organizations (over 1,000 employees), found an average of over \$32 million in revenue and productivity losses. Source - 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. Source - Gartner Group; U.S. Firms Unprepared for Disasters
- The growth of network complexity has produced many more potential points of degradation and failure. Source - Infonetics Research, The Cost of Downtime

### FEATURES & BENEFITS

- Aggregates private and frame lines with Internet connections to backup a private network with a managed service or to migrate from frame to a managed network.
- **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. New SmartDNS statistics are now available.
- **Fault Tolerance for Remote VPN Users:** FatPipe IPVPN uses an enhanced feature that provides redundancy for remote VPN clients using IPSec and PPTP as well as several other custom encryption algorithms, ensuring connectivity even when a WAN line fails.
- **Inbound and Outbound Policy Routing:** Provides Administrators complete control over IP traffic delivery, allowing them to define routing criteria based on application and/or provider.
- **Powerful Load Balancing Methods:** Enhanced load balancing options as well as IPVPN peer traffic, including Weighted Load Balancing, Round Robin, Fastest Route, and Response Time.
- Enhanced support for PPPoE connections.
- IPVPN can failover Voice over IP (VoIP) traffic, and will not drop calls even when a failure occurs to a line.
- **Easy Installation:** No need to reset gateway IP addresses for client computers in a LAN when integrating IPVPN into your network saving time and money.
- Remote upgrade to obtain new features.
- Supports multi-homing connections over multiple lines without ISP cooperation or expensive routers with programming capabilities.
- **MPSec™:** FatPipe's patented Multi-Path Security provides up to three times more security for VPN Traffic, making it virtually impossible to trap data flow and decrypt information in correct sequence.
- **Session or Packet Based Load Balancing:** Choose to keep inter-office traffic on a single MPsec path or spread them across multiple paths.
- **Unit Failover:** An automatic unit failover option is available to customers that want a standby unit to backup the active IPVPN unit.
- **Full FatPipe WARP functionality:** IPVPN incorporates all of the features and benefits of FatPipe WARP, providing WAN redundancy for access to internal servers.
- Firewall capabilities give you the option to Allow or Deny traffic matching an outbound policy rule.

### 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 for inbound and outbound traffic.
- **Site Load Balancing:** Can enhance your disaster recovery solution as a tool to provide failover between two or more locations as well as site load balancing of IP traffic between two separate sites to maximize bandwidth performance.
- **Compression:** Data compression can be added on to IPVPN, increasing network capacity an average of three times. By compressing packet payload and eliminating redundant data traffic over a WAN, FatPipe's compression technology significantly increases a network's throughput providing real cost savings.
- **FatPipe Central Manager:** Manages all FatPipe devices from a single location.