

FatPipe IPVPN

Highest level of security, fault tolerance and speed for Managed or CPE VPNs

*MAKE YOUR VPN 300% MORE SECURE,
REDUNDANT AND FAST*

FAT *Pipe*
IPVPN

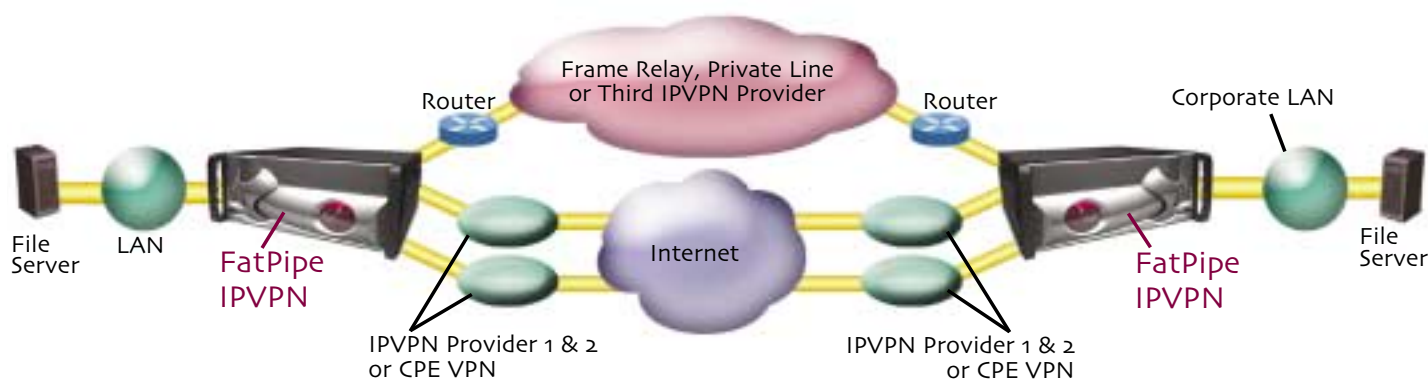
*NEW! Fault Tolerance
for Remote VPN
Users, Enhanced
Load Balancing
Methods, and Route
Control Tools*

FatPipe IPVPN works with new and existing networks, creating a flexible system that balances load among multiple managed and 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 bond 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

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

YOU CAN NOT AFFORD TO GO DOWN

- Network outages and degradations 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, 2003; February 2003
 - 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; March 2003
 - 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; February 2003
 - The growth of network complexity has produced many more potential points of degradation and failure. Infonetics Research, The Cost of Downtime, 2003; February 2003
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- Bonds 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 the load across all available lines for inbound IP traffic resulting in efficient delivery of information.
 - **Fault Tolerance for Remote VPN Users:** FatPipe IPVPN uses an enhanced feature that provides redundancy for remote VPN clients using IPSec, PPTP, and several other custom encryption algorithms, ensuring connectivity even when a WAN line fails.
 - **Enhanced Route Control Tools:** IPVPN improved routing options give Administrators greater control over IP traffic delivery, allowing them to define routing criteria based on application and/or provider.
 - **Enhanced Load Balancing Methods:** Enhanced load balancing options as well as IPVPN peer traffic.
 - Dynamic load balancing and fixed routing capabilities.
 - Remote upgrade to obtain new features.
 - Supports multi-homing connections over multiple lines without ISP cooperation or expensive routers with programming capabilities.
 - **Proxy ARP:** No need to reset gateway IP address for client computers in a LAN, saving time and money.
 - **MPSec™:** FatPipe's patented Multi-Path Security provides up to three times more security, making it virtually impossible to trap data flow and decrypt information in correct sequence.
 - An automatic unit failover option is available to customers that want a standby unit to backup the active IPVPN unit.
 - **Full WARP functionality:** IPVPN incorporates all of the features and benefits of FatPipe WARP, providing WAN redundancy for access to internal servers.

WITH FATPIPE IPVPN	WITHOUT FATPIPE IPVPN
<ul style="list-style-type: none"> • 99.999988% uptime: the highest redundancy and reliability for managed services • Combined speed of multiple connections up to 3X the speed • Up to 3X more secure than average managed service connections • Web-based management tools to monitor speeds and check status of routers and IPVPN unit • Remote reboot • Auto failover • SmartDNS and RAIL technology for intelligent load balancing of IP traffic, including VoIP 	<ul style="list-style-type: none"> • No protection from single points of failure including ISP, router CSU/DSU and line failures • Speed limited by single VPN connection • Data is sent over one line and vulnerable to hacking • Cannot monitor speed of router; administrators must be on site to implement or monitor changes and to service the equipment • Must be on site to reboot • No failover • May require expensive monthly BGP/NNI programming costs

IPVPN

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



2 Mbps

LOAD BALANCING

- Round Robin
- On Failure
- Response Time
- Policy Routing

MANAGEMENT

- 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"Wx10.75"D (per unit) 1U Industry standard chassis

WEIGHT

- 24.5 lbs (per unit)

NETWORK INTERFACE

- Two 10/100 BASE Fast Ethernet

50/155 Mbps

Higher speeds available upon request

LOAD BALANCING

- Round Robin
- On Failure
- Response Time
- Policy Routing
- Fastest Route

MANAGEMENT

- 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



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