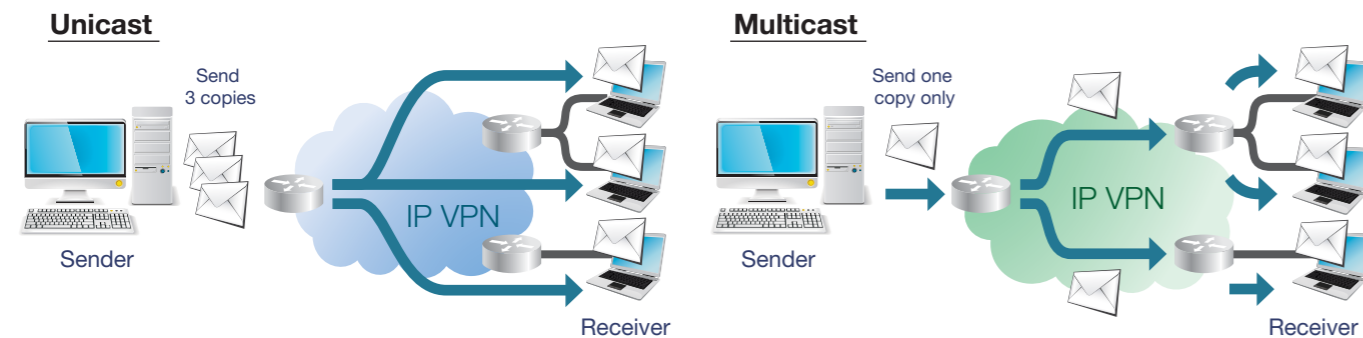


Enhanced Efficiency Anywhere Access

Enhanced Efficiency Anywhere Access

Multicast

Multicast is a service feature that support the delivery data from one Source (Sender) to multiple Receivers (Users) in a cost-effective way. Pacnet core network helps the Sender replicate the traffic and send across the various Receivers.



Solution Advantages

- Supports multicast applications and is best suited for one-to-many applications like IPTV, Online Training, Finance Data Distribution, Video Streaming, etc.

Business Benefits

- Better control of bandwidth required. Bandwidth requirement is independent of the number of receivers
- Increased bandwidth utilization efficiency
- Lower local loop cost

Technical Description

- PIM Sparse-Mode is supported

Availability

- Australia, China, Europe, Hong Kong, India, Indonesia, Japan, Korea, Malaysia, New Zealand, Philippines, Singapore, Taiwan, Thailand, United States, Vietnam and the rest of the world.

Note: All products are subject to availability. Please check with your Pacnet representative. Pacnet reserves the right to change product features and specifications without notice.

Pacnet Global IP VPN Value-added Features NETWORK

The core capabilities of the MPLS technology extend far beyond its ability to support next generation IP VPNs. By implementing the enhanced features of MPLS, Pacnet has introduced a range of complementary services that further add value to our IP VPN portfolio.

These offerings include the ability to leverage the same local loop circuit for the corporate WAN, Internet access and Remote Access to the corporate infrastructure. These value-added features are designed to provide significant cost savings and increase productivity.

Internet Access Over IP VPN

Pacnet Global IP VPN is compatible with our Dedicated Internet Access offering, allowing you to deploy a single local loop connection to access the Internet and your Global IP VPN, further consolidating your network investment.

Solution Advantages

- **Separate Routing Tables** – in the Customer Edge Router
- **Managed CPE** – ensures end-to-end management of data
- **Data Integrity** – ensured by having Internet Provider Edge Routers independent of Provider Edge IP VPN routers

Business Benefits

- **Cost Savings** – local loop charges are shared between Internet and IP VPN networks
- **Optimum Bandwidth Utilization** – on Local Loop access spare capacity is utilized by either Internet or Private VPN traffic

Technical Description

- SLA on Availability, Latency and Packet Loss

Remote Access – IPsec (Secure Remote Access)

Optional remote access capability using IPsec Gateway for branch offices connecting to IP VPN through encrypted tunnel over the Internet. IPsec Gateway port can be used as primary or backup access to communicate with your corporate VPN. It can work with Pacnet Internet Services so you can access the Internet and corporate intranet on the same local loop.

Solution Advantages

- Ensures end-to-end management of data with Managed CPE
- Provides remote gateway for central IPsec tunnel termination
- Provides CPE-based VPN access without the need to install software client on individual PCs.

Business Benefits

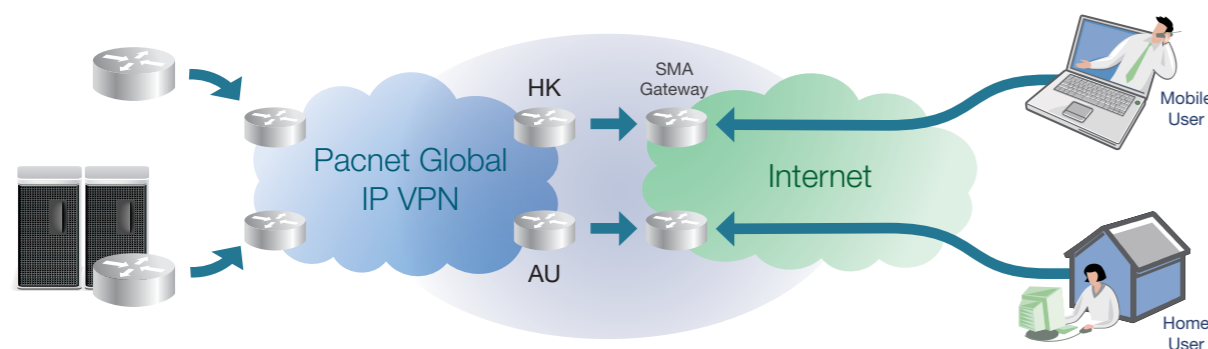
- Cost-effective, secure access suitable for companies with multiple branches but with limited budget
- Available to companies located beyond our service coverage areas
- Supports business connectivity by providing customers with reliable back-up connections

Technical Description

- Encryption: Supports 3DES and SHA

Remote Access – SSL (Secure Mobile Access)

Optional remote access capability using SSL tunneling over the public Internet. It allows mobile workers to login into the corporate VPN securely and cost-effectively using a web browser or client software to setup a secure tunnel between their computer and the VPN.



Solution Advantages

- No need to pre-install client software on user computer; software will be pushed automatically to the computer at initial log in
- Access points available in HK and Sydney. Users can log in to the Internet anytime anywhere

Business Benefits

- Increases business efficiency, allows employees to access corporate server anytime anywhere
- Provides a secure channel to share information with business partners
- User can choose the closest access points when on the road
- Flexible user account options – starts off with 10 users and upgrade every 5 users

Technical Description

- Tunneling protocol order: SSLv3, TLSv1
- Encryption and Hashing order (auto-negotiation): rc4-sha1, aes128-sha1, aes256-sha1, 3des-sha1

Jumbo Frame

Jumbo Frame Support is an enhancement of Pacnet Global IP VPN which allows our customers to seamlessly transmit larger packets – bigger than the standard IP MTU 1500 bytes. Traditionally, when customers demand larger packets to support mission critical data, packets have to be broken down into smaller bytes before they are transmitted over the network. Application performance suffers as a result of traffic fragmentation.

Solution Advantages

- Significant improvement in application performance

Business Benefits

- Ability to support mission critical data transmission
- Enhanced user experience with improved application performance

Technical Description

- Support up to 1600 bytes IP MTU POP-to-POP