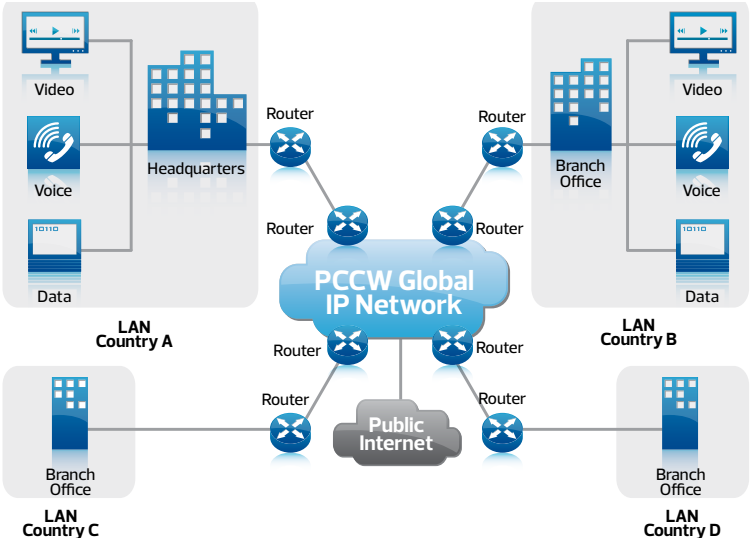
PCCW Global®

Global Internet Access

PCCW Global's high capacity and fully diversified global backbone and peering infrastructure provide global and regional enterprises with reliable and cost effective connectivity, enabling them to run mission-critical applications over the Internet.

Network diagram



Key benefits to your business

- A trouble-free, one-stop solution for Internet access and router equipment provisioning
- A cost-effective VPN-over-Internet option for global or regional enterprises
- Liberates managers to focus on core business, simplifies network management and reduces expense, while providing faster provisioning and bandwidth upgrades
- Congestion-free and redundant backbone design supports mission-critical data transmission plus Voice-over-IP and Video-over-IP at minimal cost
- Seamless migration to emerging IPv6 technology

Service options

Different service levels, speeds, configurations and interface types enable a variety of Internet connectivity applications as well as primary or secondary port option.

- Global Internet Access (GIA) service
  - A high quality Internet connectivity service that supports mission-critical applications over the Internet
  - Available to more than 70 PCCW Global IP PoPs worldwide
  - Access interface: Nx64K, T1, E1, E3, DS3, OC3/STM1, OC12/STM4, OC48/STM16, OC192/STM64 Ethernet, Fast Ethernet, Gigabit Ethernet and 10 Gigabit Ethernet
- GIA economy service
  - A low cost Internet connectivity option for less delay-sensitive applications such as email and web browsing
  - Available from certain PoPs in Asia
  - Access interface: Nx64K, T1, E1 up to 10M

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Specifications

- Routing: Static route or BGP-4 with dynamic routing features
- Network: MPLS-enabled packet over fault-tolerant SONET backbone
- Architecture: Global AS (AS 3491) with IPv4/IPv6 Dual Stack capability

Value-Added Services

- Web-based management tools for analyzing utilization of link and PCCW Global's network performance
- IP address allocation
- Anti-DDoS Service
- Managed Router Service (MRS)
- Colocation Service

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