

End-to-End Network Dedicated Circuits

Pacnet Global International Private Line

CAPACITY

Pacnet Global International Private Line service offers direct city-to-city, leased capacity to corporations and carriers looking to build their networks across multiple regions and markets. Built on our pan-Asian fiber cable network and our own national backhaul in major Asian markets, Pacnet Global IPL gives you unmatched door-to-door connectivity from a single vendor.

With Pacnet, you are buying the capacity directly from owner of the network, hence cutting out the added complexity and cost of purchasing through an intermediary. Ownership also means that, unlike the legacy models based on bilateral relationships at each end, we have full control of the circuit to ensure fast provisioning times, real-time performance monitoring and restoration in the event of network disruption.

To ensure the highest reliability levels for our customers, Pacnet's core network is built on multiple layers of protection. The core network incorporates an SDH self-healing ring architecture with 4 fiber BLSR (Bi-Directional Line Switched Rings) with MS-Spring protection switching, that enables automatic recovery and alternate routing capabilities. At the same time, each element of the network, including Cable Landing Stations, backhaul and telehouses, are backed up by resilient systems to guard against outage.

We also provide flexible deployment options, supporting bandwidth subscriptions from sub-rate 64 Kbps to 2.488 Gbps (STM-16), plus all common industry standard network interfaces.

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TECHNICAL DESCRIPTION

Bandwidth Availability*

Bandwidth	Location
Nx64	<ul style="list-style-type: none"> All locations
T1	<ul style="list-style-type: none"> Hong Kong, Japan, Korea, Taiwan, United States
E1	<ul style="list-style-type: none"> All Locations (Japan, US are ICB)
DS3	<ul style="list-style-type: none"> All Locations except New Zealand
STM-1 (OC-3)	<ul style="list-style-type: none"> Europe, Hong Kong, Japan, Korea, Philippines, Singapore, Taiwan, United States
Above STM-1	<ul style="list-style-type: none"> ICB

Service Bundle Options

If you wish to explore the management or housing of your CPE, ask your representative about our Managed CPE and Co-location services portfolio.

Connection Interface and Interface Types

Sub T1/E1	<ul style="list-style-type: none"> X.21 or V.35 are available from some access suppliers
T1	<ul style="list-style-type: none"> G.703 PDH (120 Ohm, RJ-48x) G.703 PDH (120 Ohm, Smart Jack) Japan: JT-G703 (110 Ohm) X.21 or V.35 are available from some access suppliers
E1	<ul style="list-style-type: none"> G.703 PDH 120 Ohm 4 wire connector G.703 PDH 75 Ohm BNC connector X.21 or V.35 are available from some access suppliers
45 Mbps	<ul style="list-style-type: none"> G.703 BNC connector
155 Mbps and up	<ul style="list-style-type: none"> G.957 Optical Handoff (SC/FC/ST/LC connectors available) Japan JT-G707 SDH Bit rate JT-G708 SDH Network Node Interface JT-G709 SDH Multiplex Structure

Options

SmartTransport Service

It provides 3 protected and 1 unprotected options to ensure service performance and network resilience.

Availability

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

Note: ICB = Individual Case Basis

* Availability of specific speeds in each city may vary and be subject to capacity availability. Connectivity to other major business centers worldwide is also available.