

## Global Access Localized Capabilities

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### TECHNICAL DESCRIPTION

#### Pacnet Leased Line Service

Pacnet Leased Line offers carriers and enterprise customers unparalleled high quality communication by building asymmetric private voice and data links between two locations. Spanning short or long distances, the service maintains single open circuit at all times with speeds ranging from T1/E1 to ATM-OC3 (115M) based on location and availability.

#### Service Availability Matrix (Pacnet Leased Line)

|                                |                   | Australia | Hong Kong | Singapore | India | Thailand |
|--------------------------------|-------------------|-----------|-----------|-----------|-------|----------|
| Bandwidth                      | nx64k             | ●         | ●         | ●         | ●     | ●        |
|                                | T1                | ●         | ●         | ●         | ●     | ●        |
|                                | E1                | ●         | ●         | ●         | ●     | ●        |
| IP Address                     |                   | ●         | ●         | ●         | ●     | ●        |
| <b>Standard Feature Option</b> |                   |           |           |           |       |          |
| Roaming                        | Enabled – Pay/Use | ●         | ●         |           | ●     | ●        |
| User Portal                    | Usage report      | ●         |           |           |       |          |
|                                | MRTG report       | ●         | ●         | ●         | ●     |          |
| Free Mailbox                   |                   | ●         | ●         |           |       | ●        |
| Free Email AV/AS               |                   | ●         |           |           |       |          |
| Bundled CPE                    |                   |           | ●         |           |       | ●        |
| <b>Billing Option</b>          |                   |           |           |           |       |          |
| Fixed Rate Plan                |                   | ●         |           |           |       |          |
| Usage Plan (Volume-based)      |                   | ●         | ●         | ●         | ●     | ●        |

#### Service Availability Matrix (Pacnet Premium Leased Line)

|                                |             | HK | JP | KR | TW | MY | PH | SG | AU | NZ |
|--------------------------------|-------------|----|----|----|----|----|----|----|----|----|
| Bandwidth                      | nx64k       | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |
|                                | T1          | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |
|                                | E1          | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |
|                                | DS-3        | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |
| IP Address                     | 8 Static IP |    |    | ●  | ●  |    | ●  |    |    |    |
| IPv6                           |             | ●  | ●  |    |    | ●  |    | ●  | ●  | ●  |
| <b>Standard Feature Option</b> |             |    |    |    |    |    |    |    |    |    |
| DNS                            |             | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |
| BGP-4 Routing                  |             | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |
| MLPPP                          |             | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |
| Insight@Pacnet.com             |             | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |
| Router Management Services     |             | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |
| Clean Pipe Service             |             | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |
| <b>Billing Option</b>          |             |    |    |    |    |    |    |    |    |    |
| Fixed Rate Plan                |             | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |
| Usage Plan (95/5 Percentile)   |             | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |

Note: Service also available in Europe, Indonesia and United States. For details, please kindly refer to your Pacnet representative.

● Available

## Pacnet Internet Services

### INTERNET

**The Internet is a great equalizer. It empowers organizations of all sizes in any industry to collaborate anytime, anywhere; compete in the global marketplace; and create differentiation in product and service delivery. With the Internet becoming more pervasive, access is no longer a question. Coverage, bandwidth scalability, reliability, quality of service are what really matter.**

Built on Asia's most advanced Internet backbone, Pacnet Internet Services are supported by an extensive peering portfolio and robust interconnection agreements with global backbone and upstream operators. We connect our customers – from carriers to large enterprises and SMBs – locally and around the world with guaranteed reliability.

By subscribing to Pacnet Internet Services, your access requirements, data and applications are managed over a vast network infrastructure we own and control, enabling us to ensure peak performance, the most efficient routing and most direct path to your team, customers and business partners.

#### Advantages

**Capacity** – Pacnet owns EAC-C2C, Asia's largest submarine cable infrastructure, allowing us to support all types of business applications and carrier services, regardless of bandwidth requirements.

**Service Flexibility** – We also look after the bandwidth demands of emerging businesses, as well as carriers and large enterprises, with more flexible coverage, pricing and service levels.

**Comprehensive Coverage** – With presence in 15 countries, 50 Points-of-Presence and over a hundred nationwide network interconnection (NNI) partners, we support the varying Internet access demands of over 600,000 carriers and enterprise customers around the world.

**Local Knowledge** – Headquartered in Asia, Pacnet leverages deep knowledge of local business to get to the heart of your needs and provide you Internet service customized to your business demands now and into the future.

## TECHNICAL DESCRIPTION

### Pacnet DSL

Pacnet DSL offers reliable data transmission over local telephone network providing scalable and cost effective support to applications crucial to today's business including web browsing, email and file transfer.

#### Service Availability Matrix (Pacnet DSL)

|                                    |                         | Australia                                       | Hong Kong                   | Singapore   | Thailand   |
|------------------------------------|-------------------------|---|-----------------------------|---|--|
| <b>Bandwidth</b>                   | Asymmetric              | 256K/64K, 512K/128K, 1.5M/256K, 8M/384K, 20M/1M | 1.5M/640K, 6M/640K, 8M/800K | 512K/256K, 512K/384K, 1M/512K, 1.5M/512K, 2M/512K, 3M/768K, 4M/768K, 6M/768K, 8M/768K, 10M/768K | 256K/128K, 512K/256K, 1M/512K, 3M/512K, 4M/512K, 5M/512K |
|                                    | Symmetric               | 512K, 1M, 2M, 3M, 4M                            | 2M, 4M, 6M, 8M, 10M, 25M    | 512k, 1M, 2M, 4M, 6M  | 256K, 512K, 786K, 1M, 1.5M, 2M, 3M, 4M, 5M, 6M, 8M       |
| <b>Local Loop Contention Ratio</b> | Shared                  | ○   | ○                           | ○   | ○  |
| <b>IP Address</b>                  | Dynamic IP or Static IP | ○   | ○                           | ○   | ○  |
| <b>Standard Feature Option</b>     |                         |   |                             |   |  |
| <b>Roaming</b>                     | Enabled – Pay/Use       | ○   | ○                           | ○   | ○  |
| <b>User Portal</b>                 | Usage report            | ○   |                             |   |  |
| <b>Free Mailbox</b>                |                         | ○   | ○                           | ○   | ○  |
| <b>Free Email AV/AS</b>            |                         | ○   |                             |   |  |
| <b>Free Dial up</b>                | Dial up                 | ○   |                             |   |  |
| <b>Bundled CPE</b>                 |                         |   | ○                           | ○   | ○  |
| <b>Billing Option</b>              |                         |   |                             |   |  |
| <b>Fixed Rate Plan</b>             |                         | ○   | ○                           | ○   | ○  |
| <b>Usage Plan (Volume-based)</b>   |                         | ○   |                             |   |  |

#### Service Availability Matrix (Pacnet Premium DSL)

|                                    |                         | Australia                                  |
|------------------------------------|-------------------------|--|
| <b>Bandwidth</b>                   | Asymmetric              | 2M/640K, 4M/512K, 12M/640K                 |
|                                    | Symmetric               | 512K, 1M, 2M, 3M, 4M                       |
| <b>Local Loop Contention Ratio</b> |                         | Dedicated – 1:1, 1:2, 1:4, 1:8, 1:16, 1:20 |
| <b>IP Address</b>                  | Dynamic IP or Static IP | ○  |
| <b>Standard Feature Option</b>     |                         |  |
| <b>Roaming</b>                     | Enabled - Pay/Use       | ○  |
| <b>User Portal</b>                 |                         | Usage Report, MRTG                         |
| <b>Free Mailbox</b>                |                         | ○  |
| <b>Free Email AV/AS</b>            |                         | ○  |
| <b>Free Dial up</b>                |                         | ○  |
| <b>CPE</b>                         |                         | Self-own                                   |
| <b>Billing Option</b>              |                         |  |
| <b>Fixed Rate Plan</b>             |                         | ○  |
| <b>Usage Plan (Volume-based)</b>   |                         | ○  |

○ Available

### Pacnet Metro Ethernet Service

Running on our state-of-the-art optical fiber network, Pacnet Metro Ethernet Service provides enterprises and carriers with a cost effective all-purpose WAN link with leased line grade service. It allows you to connect multiple enterprise locations with the flexibility to scale and change bandwidth in minutes without needing new equipment or IT intervention.

#### Service Availability Matrix (Pacnet Metro Ethernet)

|                                  |                   | Australia                             | Hong Kong           | Singapore  | Thailand                              |
|----------------------------------|-------------------|---------------------------------------|---------------------|--|---------------------------------------|
| <b>Bandwidth</b>                 |                   | 4M, 6M, 8M, 10M, 16M, 20M, up to 100M | 1M – 10M up to 100M | 2M, 4M, 6M, 8M, 10M, 15M, 20M, 30M, 40M, 50M, 60M, 70M, 80M, 90M, 100M | 1M, 2M, 3M, 4M, 5M, 6M, 10M, 15M, 20M |
| <b>IP Address</b>                |                   | ○                                     | ○                   | ○  | ○                                     |
| <b>Standard Feature Option</b>   |                   |                                       |                     |  |                                       |
| <b>Roaming</b>                   | Enabled – Pay/Use | ○                                     | ○                   |  | ○                                     |
| <b>User Portal</b>               | Usage report      | ○                                     |                     |  |                                       |
|                                  | MRTG report       | ○                                     | ○                   | ○  | ○                                     |
| <b>Free Mailbox</b>              |                   | ○                                     | ○                   |  | ○                                     |
| <b>Free Email AV/AS</b>          |                   | ○                                     |                     |  |                                       |
| <b>Bundled CPE</b>               |                   |                                       | ○                   |  | ○                                     |
| <b>Billing Option</b>            |                   |                                       |                     |  |                                       |
| <b>Fixed Rate Plan</b>           |                   | ○                                     | ○                   | ○  | ○                                     |
| <b>Usage Plan (Volume-based)</b> |                   | ○                                     |                     |  |                                       |

#### Service Availability Matrix (Pacnet Premium Metro Ethernet)

|                                     |               | HK | CN | JP | KR | TW | MY | PH | SG | AU | NZ |
|-------------------------------------|---------------|----|----|----|----|----|----|----|----|----|----|
| <b>Bandwidth</b>                    | Ethernet      | ○  | ○  | ○  | ○  | ○  | ○  | ○  | ○  | ○  | ○  |
|                                     | Fast Ethernet | ○  | ○  | ○  | ○  | ○  | ○  | ○  | ○  | ○  | ○  |
|                                     | Gb Ethernet   | △  |    | △  | △  | △  | △  | △  | △  | △  | △  |
| <b>IP Address</b>                   | 8 Static IP   | ○  | ○  | ○  | ○  | ○  | ○  | ○  | ○  | ○  | ○  |
| <b>IPv6</b>                         |               | ○  |    | ○  |    |    | ○  |    | ○  | ○  | ○  |
| <b>Standard Feature Option</b>      |               |    |    |    |    |    |    |    |    |    |    |
| <b>DNS</b>                          |               | ○  |    | ○  | ○  | ○  | ○  | ○  | ○  | ○  | ○  |
| <b>BGP-4 Routing</b>                |               | ○  |    | ○  | ○  | ○  | ○  | ○  | ○  | ○  | ○  |
| <b>Insight@Pacnet.com</b>           |               | ○  |    | ○  | ○  | ○  | ○  | ○  | ○  | ○  | ○  |
| <b>Router Management Services</b>   |               | ○  | ○  | ○  | ○  | ○  | ○  | ○  | ○  | ○  | ○  |
| <b>Clean Pipe Service</b>           |               | ○  |    | ○  | ○  | ○  | ○  | ○  | ○  |    |    |
| <b>Billing Option</b>               |               |    |    |    |    |    |    |    |    |    |    |
| <b>Fixed Rate Plan</b>              |               | ○  | ○  | ○  | ○  | ○  | ○  | ○  | ○  | ○  | ○  |
| <b>Usage Plan (95/5 Percentile)</b> |               | ○  |    | ○  | ○  | ○  | ○  | ○  | ○  | ○  | ○  |

Note: Service also available in Europe, India and United States. For details, please kindly refer to your Pacnet representative.

○ Available    △ Subject to Capacity Availability