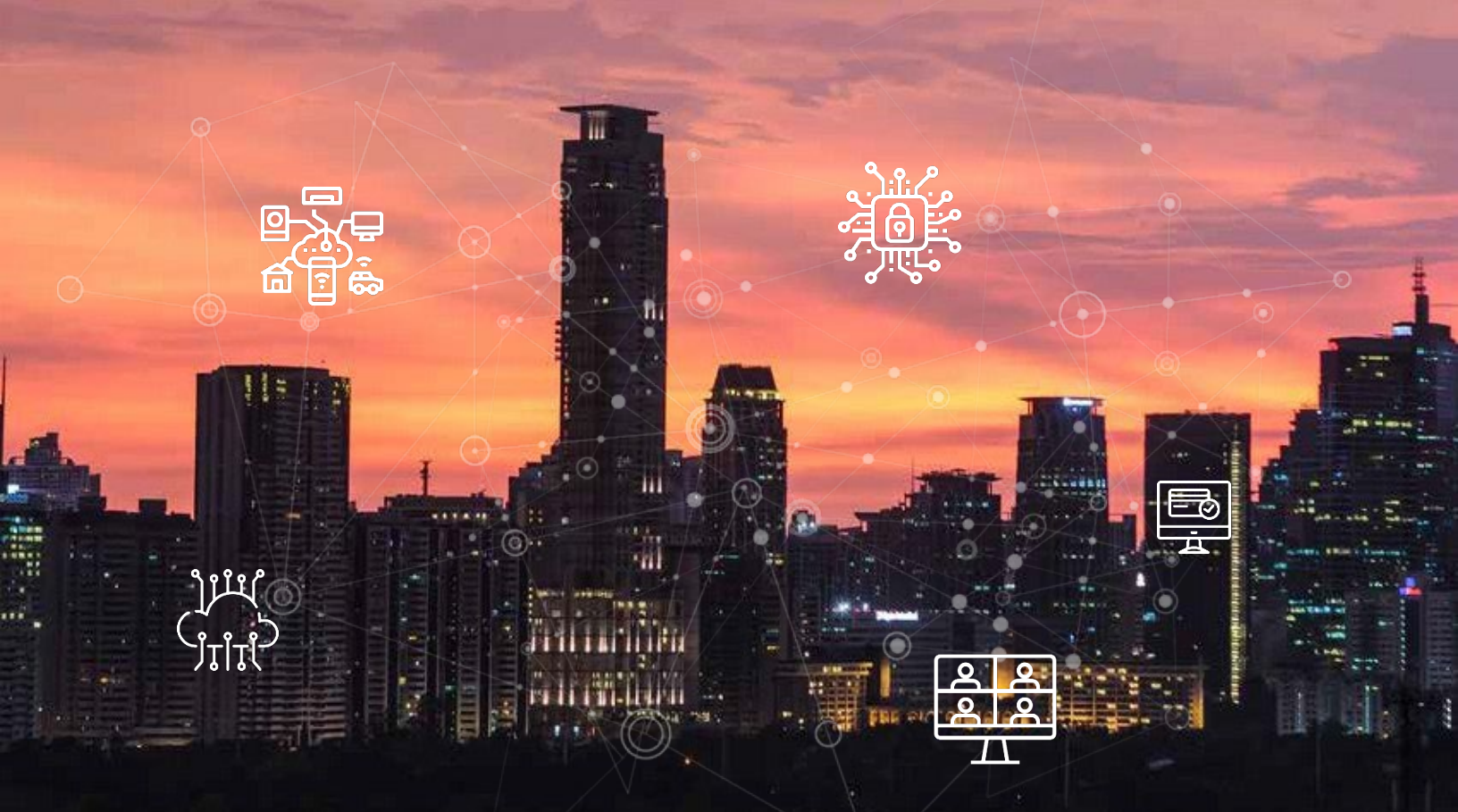




PLDT
Global

Enterprise

**WELCOME TO THE PHILIPPINES.
YOUR NEXT DIGITAL MARKET DESTINATION.**



DIGITAL PHILIPPINES AT A GLANCE

Famously called 'The Social Media Capital of the World', the Philippines consistently ranks as the top country in the world with the most time spent on social media for 6 years running. Filipinos spend an average of five hours on social platforms versus the global average of three. Filipinos rank within the top 20 of the most popular social media sites worldwide. This is unsurprising given that the Philippine population is the second largest and youngest in Southeast Asia. With a population of 110 million, 80.7% use social media, and this number continues to increase annually.



6th
Most number
of users



10th
Most number
of users



11th
Most number
of users



8th
Most number
of users



109 M
Total Population
2nd in SEA



25.8
Median Age
2nd in SEA



95%
Literacy Rate



750,000
Graduates per year

Filipinos are digitally adept and are early adopters of new innovations. Mobile connections in the country is equivalent to 138.2% of the population - with some users owning more than just one mobile device. Consumer spend on mobile apps was at \$340M in 2020 and the e-commerce industry is forecast to grow at an annual growth rate of 101.4%. This promising growth trajectory makes the country an ideal destination for those who are not just looking for digital eyeballs - but also the wallet size to back it up.



10.5

Average hours on the internet
1st in the world



73.9 M

Internet users
2nd in SEA



152 M

Mobile phone connections
138% Mobile Penetration



\$ 7.5 B

Annual spend
80.2% adoption rate

[31] Kemp, Simon. (2021, February 11). Digital 2021: The Philippines. We Are Social. <https://datareportal.com/reports/digital-2021-philippines>

[41] Global System for Mobile Communications. (2019). GSMA Mobile Connectivity Index. <https://www.mobileconnectivityindex.com/#year=2019&zonesocode=PHL>

[51] App Annie. (2021). State of Mobile 2021. <https://www.appannie.com/en/go/state-of-mobile-2021/>

THRIVING ECONOMIC PROFILE

Strategically located at the heart of Southeast Asia, the Philippines' location is a critical entry point to over 600 million people in the ASEAN Market and a natural gateway to the East-Asian economies. It is one of the world's most promising destinations for foreign investments, with the United Nations Conference of Trade and Development ranking the country 10th in the world. The Philippines is among the 'Tiger Cub Economies' in Asia, with the International Monetary Fund forecasting a strong economic growth for the country thanks to government policies supporting economic growth.

6th Emerging economy with
high financial strength

7th Best country
in the world
to invest in

10th Most promising
destination for
foreign investments

[6] First Circle. (June 10, 2020). Philippine E-commerce to reach P200bn by 2020. <https://www.firstcircle.ph/post/philippine-e-commerce-200bn>

[7] United Nations Conference on Trade and Development. (2017, June 7). World Investment Report 2017. https://unctad.org/system/files/official-document/wir2017_en.pdf

[8] International Monetary Fund. (2021, April 9). The Philippines at a Glance. <https://www.imf.org/en/Countries/PHL>



EASE OF DOING BUSINESS

The Philippine government has taken great strides in encouraging foreign direct investments in recent years. There is an abundance of foreign investment opportunities especially for companies looking to dominate the public cloud and cloud service industries. It has a business-friendly economy and a comprehensive incentive package for investors. The country has recently opened its domestic market to 100% foreign investment, internet businesses included. Tax incentives are also offered with tax holidays of up to 8 years.



SUPPORTED BY WORLD-CLASS DIGITAL INFRASTRUCTURE FROM



PLDT is the leading telecommunications and digital services provider in the Philippines. Through its principal business groups – fixed line, wireless and others – PLDT offers a wide range of telecommunications and digital services across the Philippines' most extensive fiber optic backbone, and fixed line and cellular networks.



Enterprise

As the international business arm of the group, PLDT Global Enterprise aims to enable large enterprises, international carriers, CDNs, and OTTs, among others.

With its full suite of end-to-end solutions, it aims to provide industry-leading communication infrastructure and platforms by connecting its customers to the Philippines and beyond—paving the way for unprecedented growth and success. It continues to enable customers from across the world with cloud offerings, globally- certified and carrier-agnostic data center services, dynamic routing capabilities, and points of presence in strategic sites across Asia Pacific, Europe and the Americas. An all-in-one digital solution that will enable businesses of any size with curated digital tools and wi-fit fit for enterprise—all anchored on business-grade fiber.



**Globally accredited
VITRO Data Centers**



Strategic Points of Presence



International Data Network

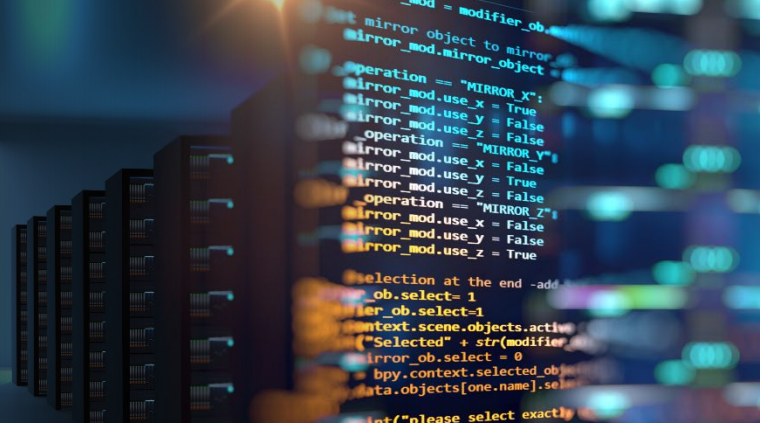


International Private Leased Circuit



Colocate your data in our network of world-class VITRO data centers that offer highly secure and scalable infrastructure, unparalleled connectivity, and 24-7 support capabilities. Unmatched in the local landscape, the VITRO facilities provide a strong line against physical and cyber threats in today's highly immense digital universe.





10

Sites strategically spread across PH

3

TIA-942 Rated 3
Certified Facilities

17,262 sqm

Aggregated data hall

26.5 MW

Aggregated I.T. power

386 GB

Aggregated local
Peering traffic

The largest Data Center Network in the Philippines equipped with the country's richest and most diverse Internet Exchange – VITRO IX



ANSI/TIA-942 Rated 3
Concurrently
Maintainable Facility



ISO 27001:2013
Information Security
Management System



ISO 22301:2012
Business Continuity
Management System



PCI-DSS
Payment Card Industry
Data Security System



ISO 14001:2004
Environmental
Management System



ISO 20000-1:2011
IT Management System

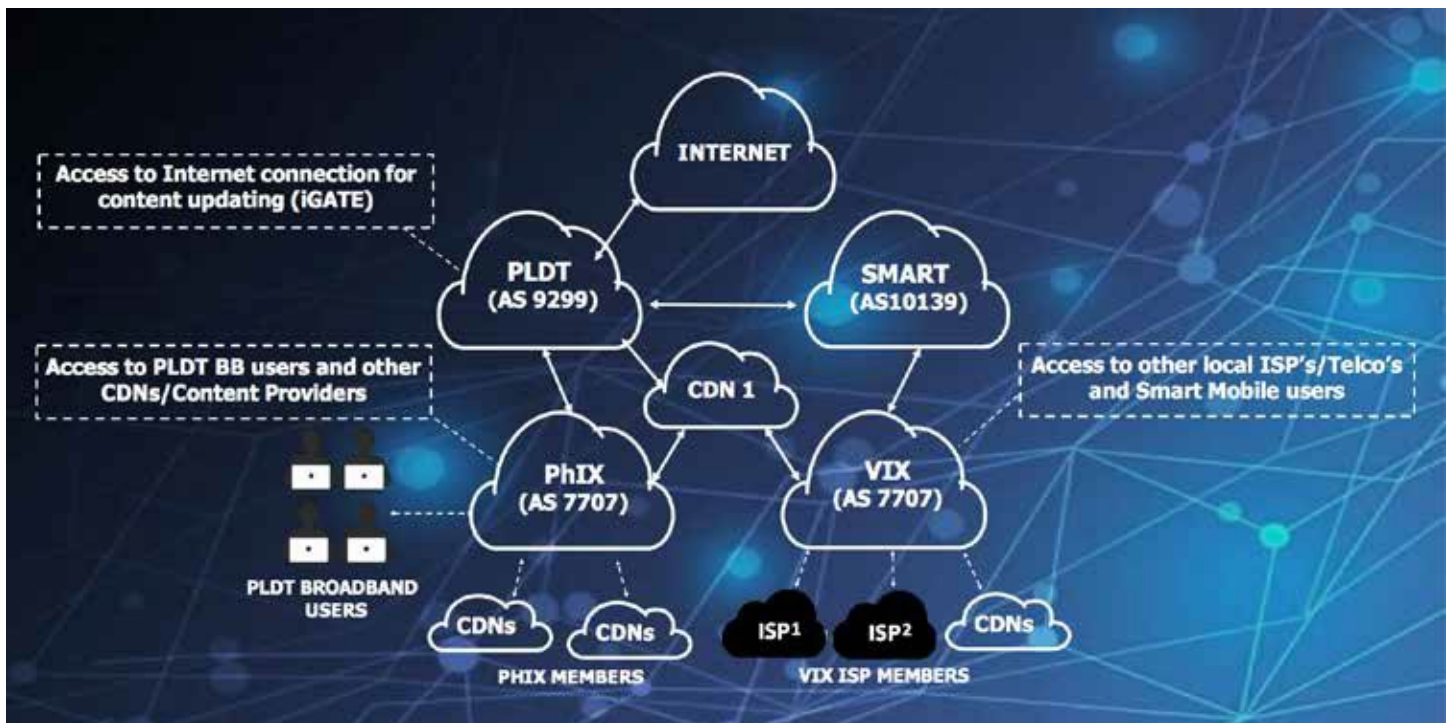


PEZA
Philippine Economic Zone
Association



ISO 9001:2008
Quality Management
System

Nexcenter Nexcenter



VITRO offers access to the world wide web through international telco partners to enhance global content for improve latency and increased diversity.

VITRO also offers connectivity to local peering platforms that keep internet traffic within the country to eliminate the need for international hops when the content accessed is hosted locally.

Enhancing Customer Experience Through VITRO's Content Peering Solutions

VITRO Peering Solutions significantly reduces the latency through direct peering with local telcos and ISPs, significantly improving end user experience.

True carrier-neutrality even in our peering solutions that enrich the ecosystem inside the data center.



PhIX

Access to the broadband users/
subscribers of PLDT



VIX

Access to an aggregate of other local Telcos
and local Internet Service Providers.

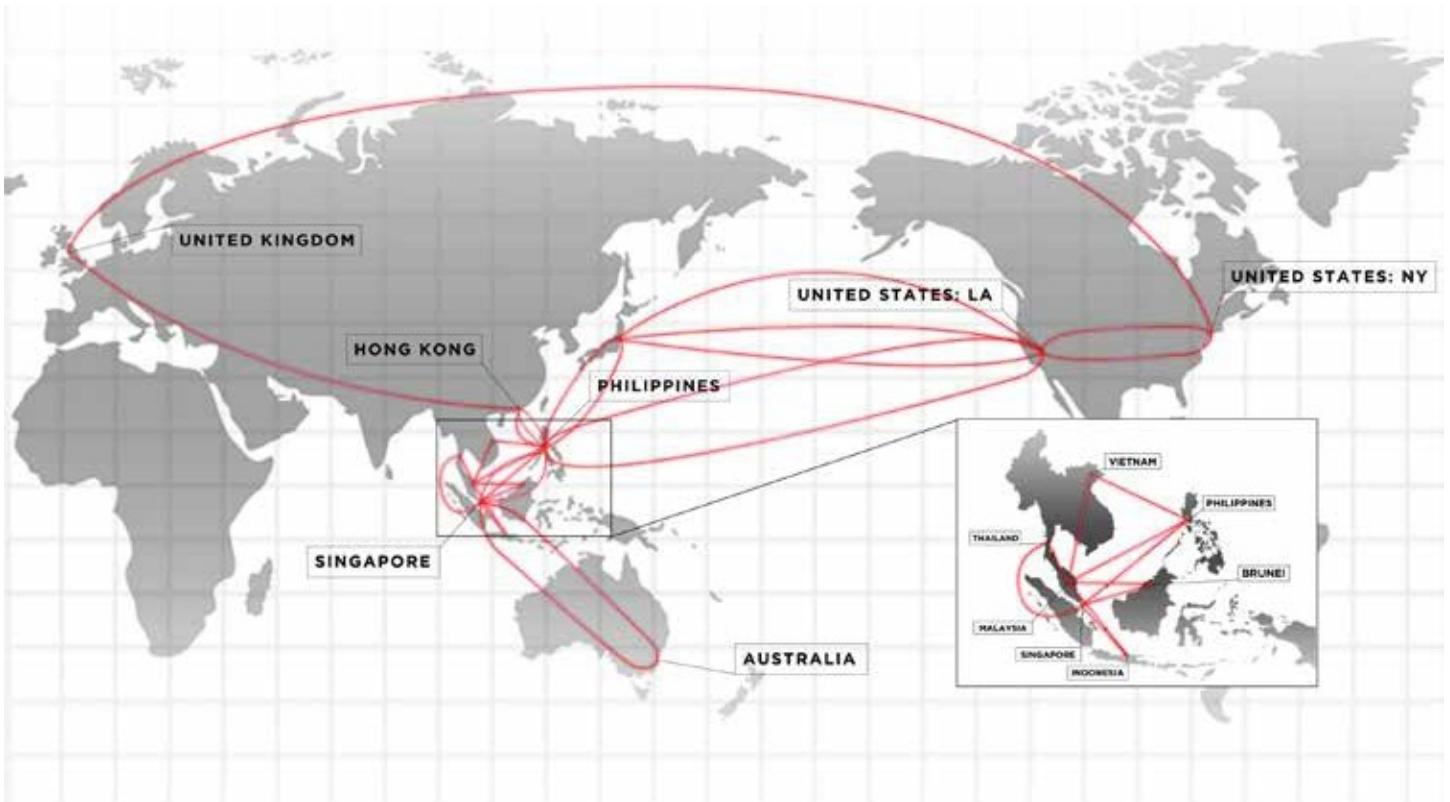


PLDT
Enterprise

| iGate

Empower your business to meet increasing demand for a high-performance internet service, PLDT Enterprise's iGate or Direct Internet Access provides businesses with dedicated, guaranteed bandwidth and managed connectivity to the global internet.

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Connect to the global market with iGate's unmatched internet capacity, extreme performance, reliability and security, and its extensive global coverage and reach.

PLDT is peered with 8 of the Top 10 Global ISPs, and is the #1 ISP in the Philippines, based on the latest CAIDA Ranking.



Dedicated to PERFORMANCE

PLDT ensures businesses with congestion-free connectivity to Internet with its substantial domestic and international IP capacity. With largest domestic network and IP capacity in the Philippines with more than 30Tbps and 2Tbps operating capacities.



Dedicated to RELIABILITY

PLDT has global presence in six (6) strategic countries across the world and a network of 17 international submarine cable systems (including the upcoming Jupiter cable). With more than 20 direct peering arrangements with Tier 1 and 2 Internet Service Providers and peered with more than 10 global Internet Exchange facilities assuring Enterprises of diverse and redundant connection to the global Internet.



Dedicated to SECURITY

PLDT network is designed to provide full redundancy with its 11 domestic fiber loops spread across the three (3) major islands in the country. PLDT has deployed multiple Core Switches and multiple Gateway Boarder Router in separate domestic and global exchanges. Combining this with the proper last mile access and network design, PLDT DIA is designed to meet a service availability of 99.6%, 99.9% and 99.95% (for customers inside our Data Centers).



STANDARD FEATURES AND OPTIONS

Bandwidth Options 2Mbps to 10Gbps

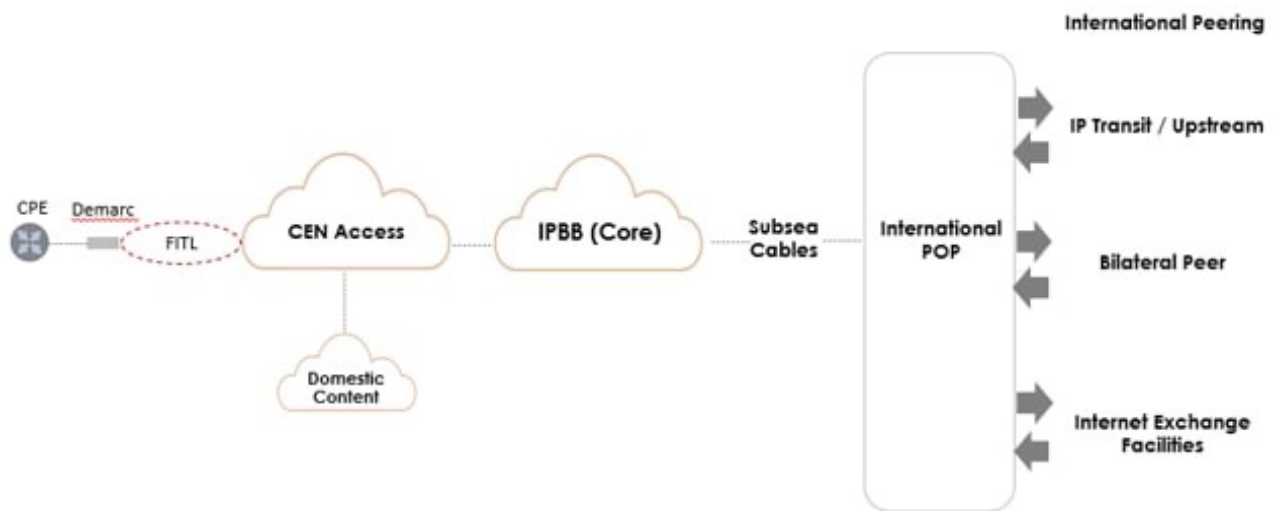
Access Type/s: FOC over Carrier Ethernet Networks,
Microwave Radio (optional)

IP Address Inclusion: /29 IPv4 (IPv6 enabled)

Billing Method: 95th percentile billing
(for Bandwidth-on-Demand)

Routing Protocol: Static and BGP routing configuration

Add-on Options: High-Availability Service; Managed Routers,
Access Points and Firewall (with Security
Operation Center as a Service); Managed
Service Desk, Collaboration and Productivity
Solutions;
Co-location and Cloud Services



Our core network is engineered to provide uninterrupted connection at the physical level. Our core switches and Gateway Border Routers are strategically located in separate sites to further ensure resiliency and route diversity. We have the most number of international IP peering partners which enables you to run bandwidth-intensive applications to and from the US, Europe, Asia and the rest of the world.

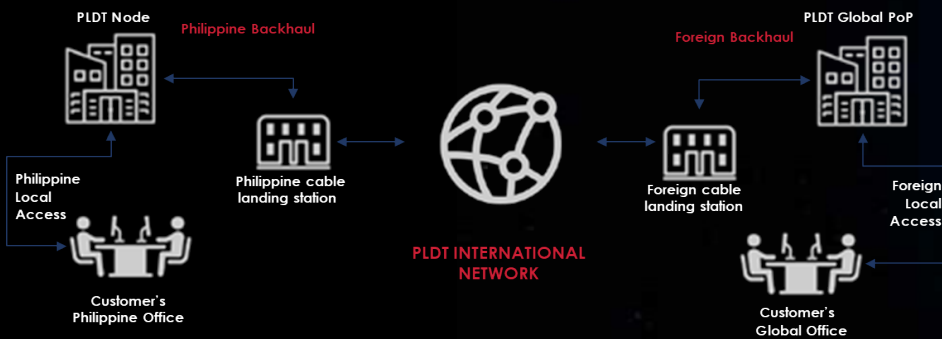


Nexcenter



ENTERPRISE INTERNATIONAL DATA SERVICES

INTERNATIONAL ETHERNET PRIVATE LINE (IEPL)



PLDT International Ethernet Private Line (IEPL)

services are backed by global standard service level commitments, providing customers with best-in-class technology, infrastructure, and service.



LINEARTYPE

High speed dedicated bandwidth (10G and 100G bandwidth options) on a privately owned international subsea cable facility. Access options available via EoDWDM and EoMPLS.



UNPROTECTED & PROTECTED TYPE

Provides a scalable and secure carrier-grade international connection (ranging from 2Mbps to 10Gbps) to businesses that need to connect their offices around the region. Delivered via PLDT's International PRISM network, this solution offers manual or automatic re-routing of circuit to a secondary international submarine cable system

WHY PLDT IEPL SERVICE?



VARIOUS PROTECTION OPTIONS

Resilient international coverage via several cable network options and resilient domestic fiber optic backbone connecting to a geographically diverse cable landing stations



FLEXIBLE BANDWIDTH

Wide spectrum of bandwidth available from 2Mbps to 10Gbps allows you to easily scale your network as your demand increases without having to invest in capacity not needed for today



END TO END PROVISIONING & SUPPORT

Our strong relationship with global and local providers assures you of cost-effective local access and full in country support



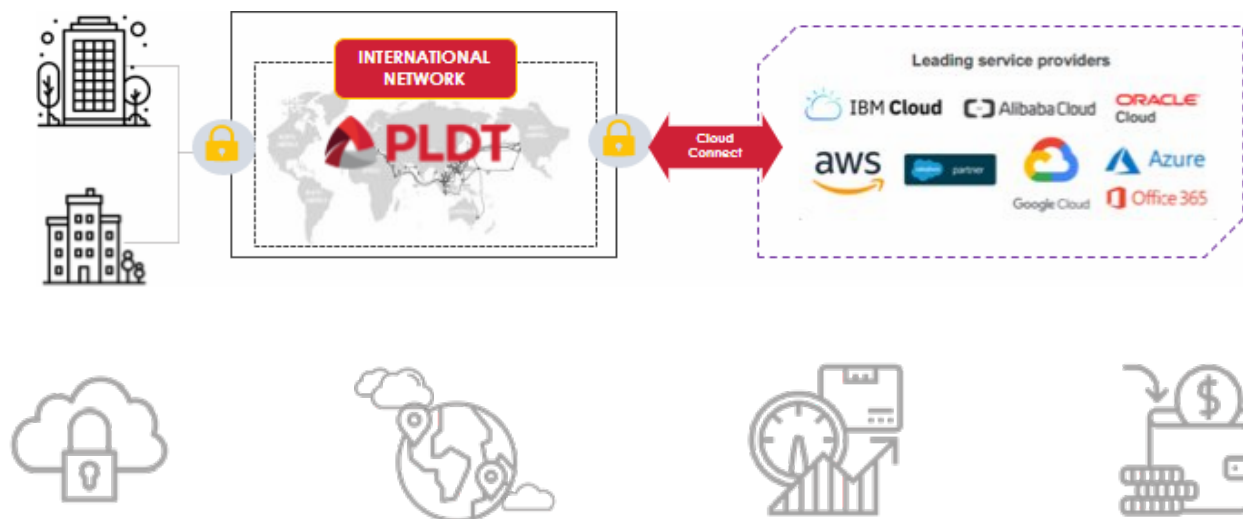
SERVICE LEVEL ASSURANCE

This service is backed by SLAs to ensure performance and availability



Cloud Connect

A solution that provides dedicated and direct connectivity to different Cloud Service Providers. Accessing the cloud via PLDT Cloud Connect means secure and reliable deployment of workloads via direct connectivity that negates the unreliable public internet and ensures predictable network performance.



FULLY DEDICATED, SECURE & PRIVATE

Committed access rates based on subscribed bandwidth plus guarantee of a highly secure network environment for customers' sensitive data

MULTI CLOUD ECOSYSTEM

Provision direct connectivity to multiple leading cloud service providers in different regions

BETTER CLOUD APP PERFORMANCE

Reduced packet loss combined with lower latencies over MPLS will improve application performance by up to 3 times

ACCESS TO LOWER CLOUD SERVICES FEES

Cloud services will become cheaper with data transfer rates lower through PLDT CLOUD CONNECT rather than via the Internet

ENTERPRISE DOMESTIC DATA SERVICES

UNMATCHED DOMESTIC CONNECTIVITY
PLDT DOMESTIC FIBER OPTIC NETWORK (DFON)

DFON-20.07Tbps
PIIBL-9.74Tbps

TOTAL CABLE KM
429,000

11 Loops

MOST ROBUST

Aggregate operating capacity

NATIONWIDEST

Total FOC cable length

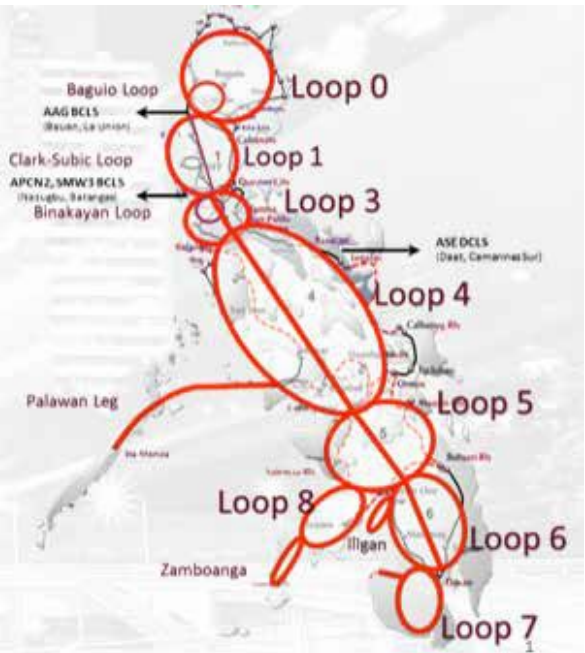
MOST RESILIENT

Ring protection for resiliency

8 major loops

3 sub-tending loops

*with several third routes
within loops for greater resiliency



PLDT's Metro Ethernet Solution is a ubiquitous, standardized, carrier-class service and network defined by five attributes— standardized services, scalability, reliability, quality of service, service management— that distinguish it from familiar LAN-based Ethernet. PLDT Metro Ethernet services is delivered in port-based (simplicity and control) and VLAN-based (Scalability and Multiple Services in One Physical Port) service implementation. It is MEF 3.0 certified—the latest global networking standards and sustained by the highest level of end-to-end technical support delivered by competent technical resource. PLDT is the first and only Philippines telco to offer MEF 3.0 certified solutions and has the most number of MEF Carrier Ethernet Certified Professionals (MEF-CECP), MEF Software-Defined Networking / Network Function Virtualization Certified Professionals (MEF-SNCP), Cisco Certified Internetwork Expert (CCIE), Cisco Certified Network Administrator (CCNA), and other professional certifications relevant in wide area networking space.

METRO E LINE

A managed Ethernet Private Line solution that provides dedicated point-to-point connectivity to serve domestic WAN needs of enterprise customers using PLDT's highly redundant fiber optic network. It delivers reliable point-to-point network linkage similar to a traditional leased line service but with the simplicity, transparency, and scalability of Ethernet technology.

METRO E WAN

A fully meshed, layer 2 Ethernet Solution for private any-to-any connectivity. The service is a layer 2 VPN based on Multi-Protocol Label Switching (MPLS) technology which allows information to be securely transmitted across a network.

METRO E-ACCESS

This service type is typically offered by two service providers with adjacent territories or by a wholesale Ethernet access provider (PLDT) to service providers who have customers beyond the coverage area of their network—requiring them to extend their service reach beyond the network coverage area. With Ethernet Network-to-Network Interface (ENNI) as a pre-requisite, the Ethernet Access Provider (PLDT) operates the access network to reach the Global Service Provider's out-of-franchise subscriber locations as part of providing an end-to-end service to the subscriber.

METRO E TREE

This ethernet service type requires specific topology, Rooted-Multipoint Ethernet Connection, wherein leaves or branch offices can only speak to the root or the headquarters. The mode of communication can either be unidirectional or bidirectional depending on the client's requirement with e-TREE service constructs that are very well suited for content delivery applications.

WORLD-CLASS NETWORK AND SERVICES





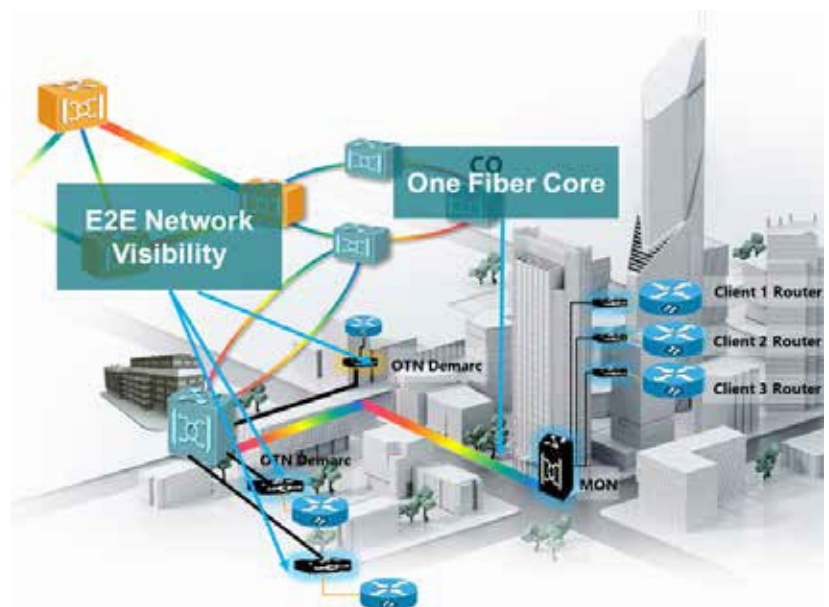
MANAGED ETHERNET OVER DWDM

A fully-managed, premium Layer 1 service over DWDM technology with Ethernet as the customer handoff. It is based on an efficient metro architecture that delivers reliable high-bandwidth, protocol transparent, and low latency data over a single strand of fiber. It supports point-to-point network topologies that is scalable to deliver up to 100Gbps.

SERVICE FEATURES

- High capacity dedicated connectivity w/ throughput equals 100%
- ultra-low-latency
- protocol transparency
- scalability

WORLD-CLASS NETWORK AND SERVICES





International SD-WAN

PLDT International SD-WAN is a fully managed SD-WAN solution that leverages Software-defined technology (SDN) together with Global Internet as a Service. It provides and end-to-end support to enterprise customers for the implementation of their global SD-WAN needs- from design, deployment and management to 24/7 NOC & operational support.

MANAGED NETWORK SERVICE BUILDING BLOCKS

Consult & Design

Full SD-WAN network design, including underlay

Procurement and Logistics

Source and deliver SD-WAN CPE to sites, including selection of ISP and management of ISP's contract

Install & Stage

Install & initial configuration of SD-WAN CPE

Configure & Integrate

Migration/Integration of site into SD-WAN

Incident Management (CPE)

SD-WAN CPE incident resolution (RMA)

Incident Management (Service)

SD-WAN service issue management & resolution

Change Management

Network configuration and Traffic policy changes

Network Management Services

Ongoing support, design & Performance reviews for CSI

Security

On-premise and cloud based SD-WAN security services

Field Services

"Zero Touch" deployments sound great, but the reality is any SD-WAN hardware must be racked, stacked and powered on.

We can deploy and install SD-WAN capable hardware to your sites in 190+ countries at lower cost than doing it yourself, with the benefit of a single invoice.

Network Design

PLDT International SD-WAN managed services are based on years of experience in demystifying all the pieces of the internet puzzle.

We are a single global provider for your network lifecycle, from design to management.

Management

PLDT International SD-WAN service supports the major SD-WAN vendors, so we can work with whomever you choose.

On top of this, we provide advanced network orchestration management and performance reporting tools, which provide a complete network management overview.

Connectivity

SD-WAN has some optimization in the WAN overlay, but to achieve performance gains, SD-WAN requires a quality internet underlay for VPN/IPSEC tunnels.

Network administrators need to be confident that the best internet paths are chosen for transporting these tunnels to ensure application performance and happy users.



Enterprise

To learn more, scan the QR Code,
or visit our website:

<https://pldtenterprise.com/global>



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