

LOOKING AHEAD IN BUSINESS  
over The Data Communication Network



**CAT**datacom  
Connecting Dreams

[www.catdatacom.com](http://www.catdatacom.com)  
CAT Contact Center 1322

Worldwide Connectivity by world class network

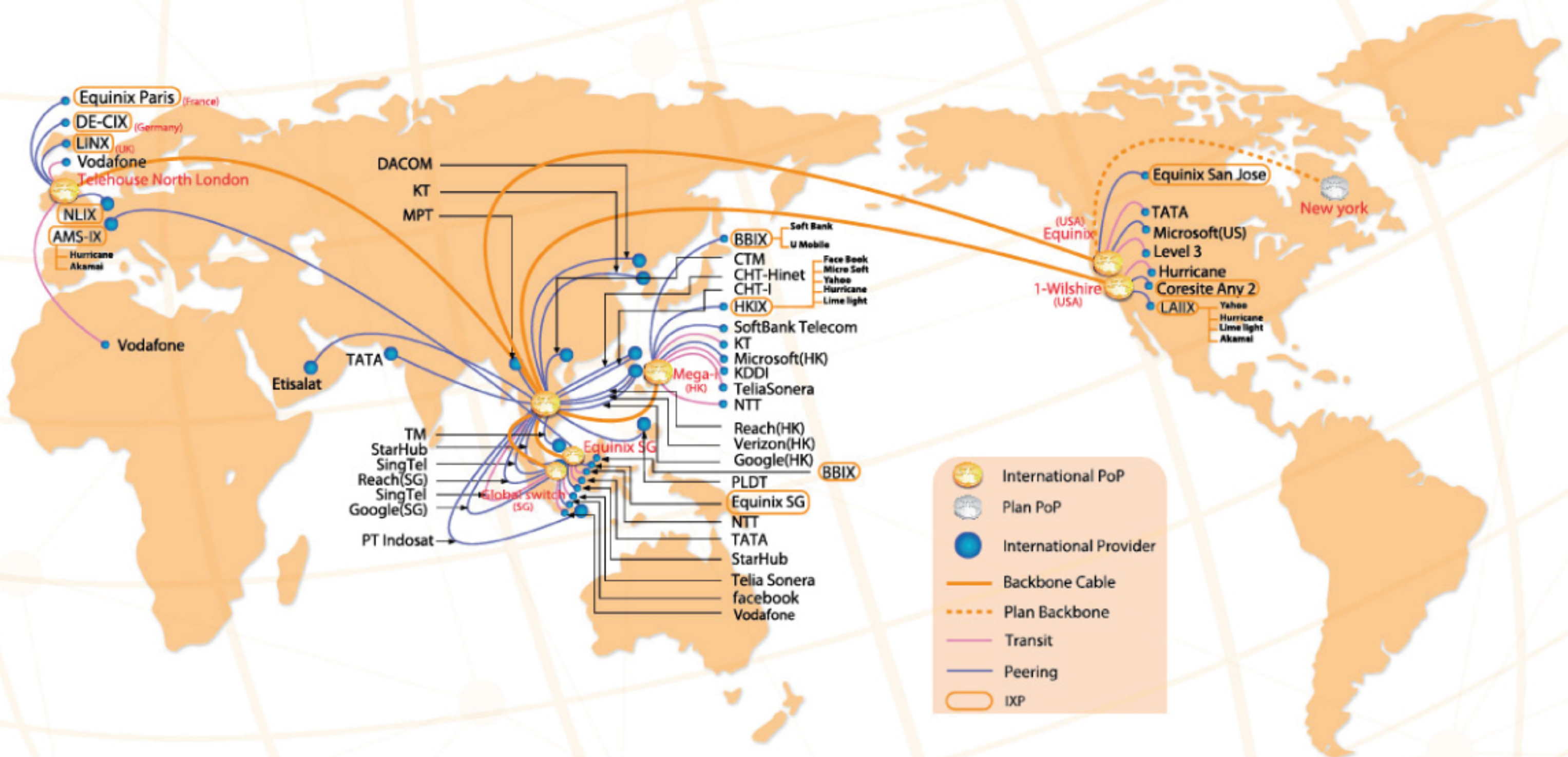




CAT, the leading data communication network provider in Thailand with the most coverage of network and readiness in providing integrated telecommunication service, never cease to improve our service and network over both WDM/SDH and IP technology. Consequently CAT IP network currently at N x 100 Gbps. capacity connected through over 30,000-kilometre optical fiber cable nationwide is proved to support the largest bandwidth among providers in Thailand, thus achieving the efficiency of high-bandwidth communication. CAT network is monitored 24/7 by our skillful staff which are carefully trained in Network Management. Additionally CAT has 106 customer service offices across nation to guarantee that we are prompt to serve your business requirement with our data communication services.

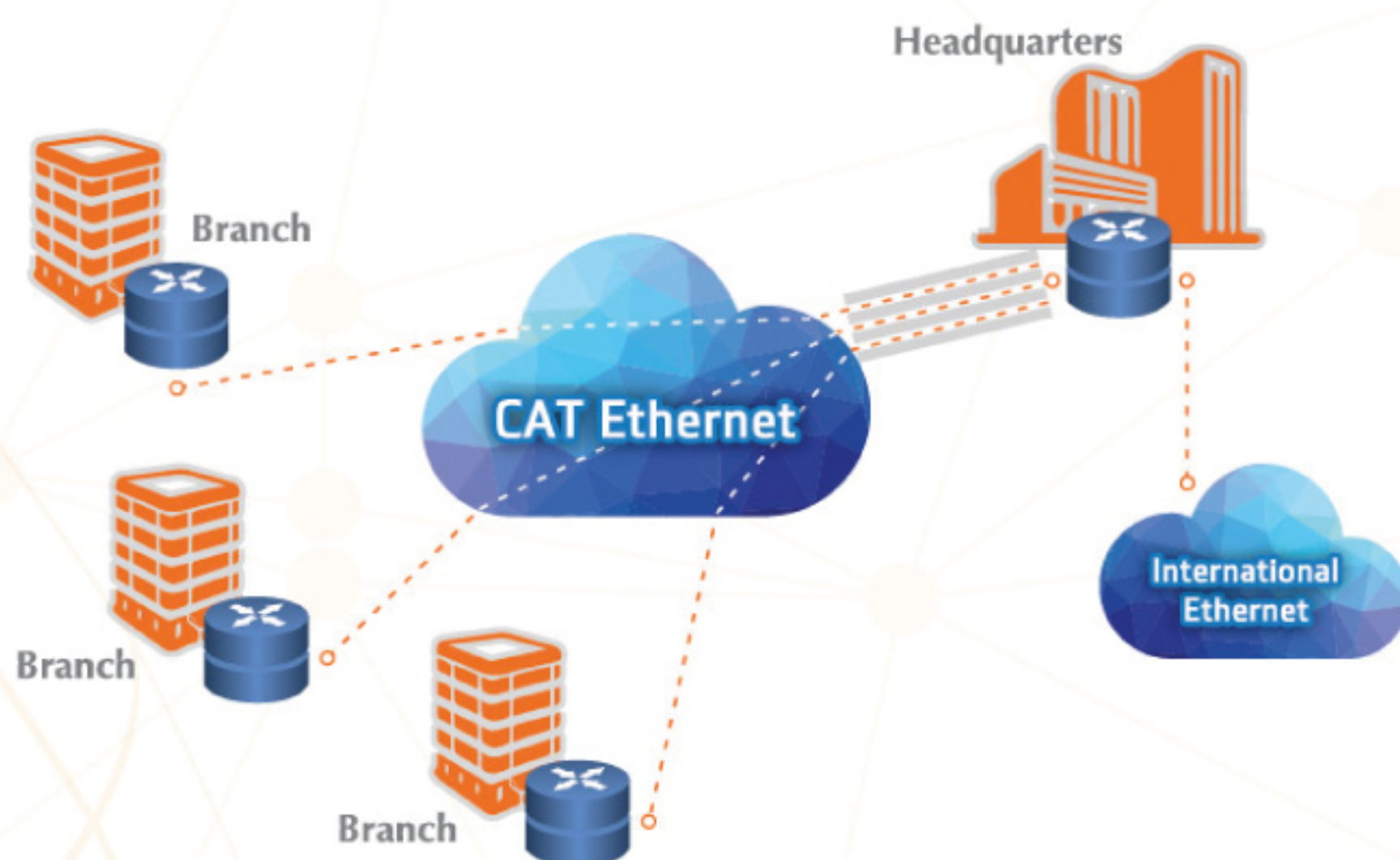
## CAT Internet Gateway

With geographical advantage of Thailand as being located at the center of Asia together with various CAT submarine cable routes connecting directly to Europe, US, and Asia, CAT Internet Gateway as Internet Exchange service is operated with high efficiency for data access both domestically and internationally, delivering premium service to internet users. Besides, the network also supports IPv6 technology in response to the coming era of Internet of Things (IoT).





# CAT Network Service

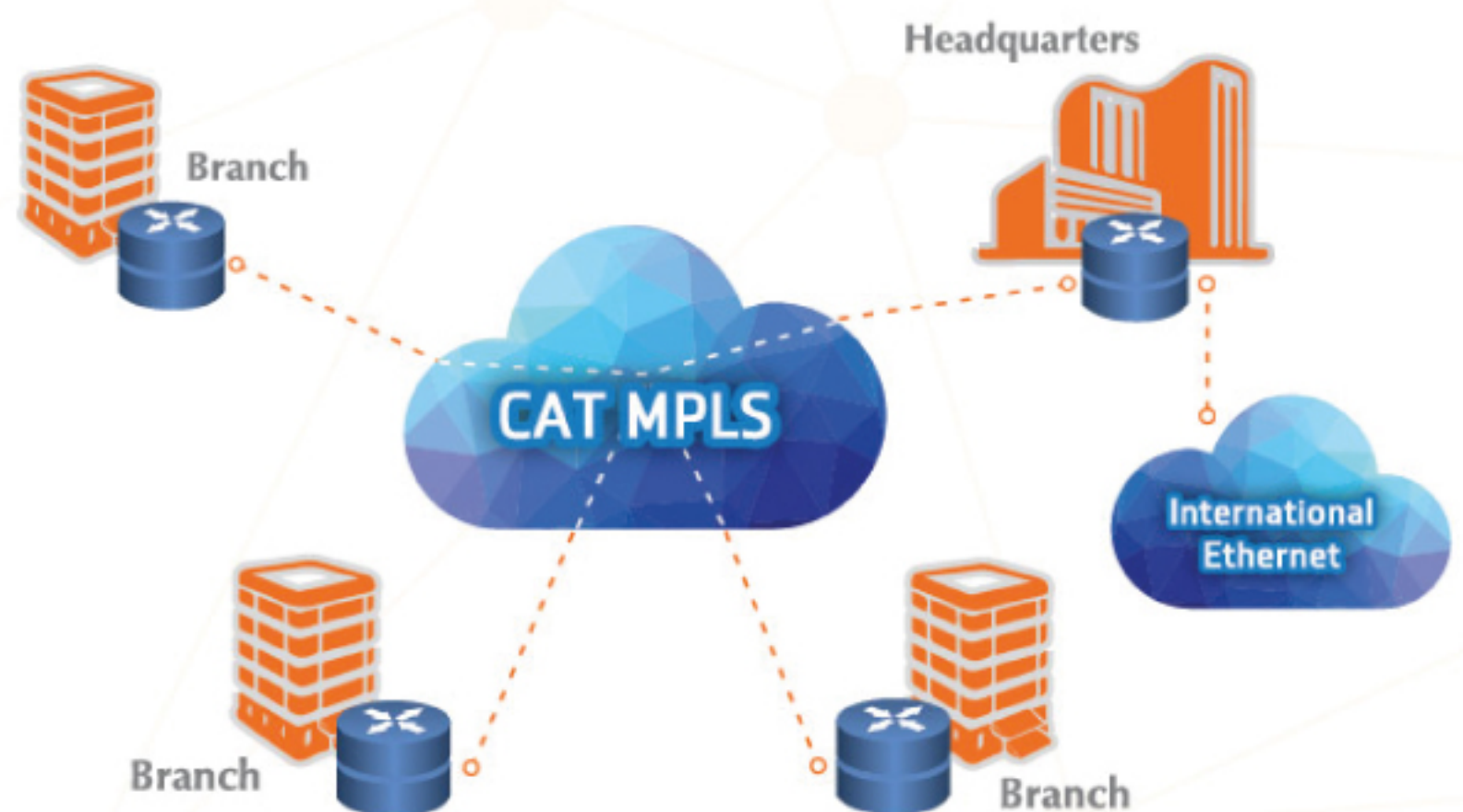


## CAT Ethernet

High – speed data communication service over IP (Internet Protocol) network with international standard (MEF : Metro Ethernet Forum). Supporting transmission of data, voice and video in multimedia format at the speed from 1 Mbps. up to 100 Gbps. CAT Ethernet will improve the communication between offices in Thailand and those in other countries. Customer can centrally manage their own network, thus securing confidential business data.

## CAT MPLS

High – speed data communication network over MPLS (Multi Protocol Label Switching Layer 3) technology that can support business process of the future. Supporting various IP Protocol, such as VoIP, QoS , Multicast and VDO Conference at the speed from 1 Mbps. up to 100 Gbps. CAT MPLS will introduce flexibility in to your existing communication domestically and internationally.



## CAT Private Line

Private high-speed data communication service using WDM/SDH technology over optical fiber which is an internationally accepted standard. CAT Private Line will ensure the highest end-to-end quality of service, stability and security of data communication. Supporting transmission of data, voice and video in multimedia format at the speed of 256 Kbps. to 100 Gbps. CAT Private Line will increase capability of communication among offices in Thailand and those overseas to effectively utilize data communication network to its fullest. Additionally CAT Private Line provides support for Ethernet Private Line (EPL) to meet the standard of Metro Ethernet Forum (MEF).





# CAT Satellite Service

## CAT TV Transmission

Updating events, news and sports all around the world effortlessly and keep them up – to –date via our satellite broadcasting. CAT offers TV broadcasting service within Thailand and across nations by digital broadcasting system at Nonthaburi Satellite Earth Station which is ISO 9001 : 2008 certified.

### o Distribution

Receiving lived TV programs from various countries and retransmitting to TV stations in Thailand.

### o Contribution

Broadcasting of lived events from various locations in Thailand and retransmitting to TV stations in either Thailand or abroad.

### o Turnaround

Retransmitting TV programs received from a satellite to another designated satellite in order to expand coverage area.

### o Content delivery

Transmitting of contents from TV producer to TV stations or Cable TV providers via Nonthaburi Satellite Earth Station.

### o Digital Satellite News Gathering (DSNG)

Mobile satellite broadcasting station that can be mobilized to any areas.



## CAT iPSTAR

High - speed internet service over iPSTAR (THAICOM 4) satellite for governmental firms and corporate customer that have requirement to access high-speed internet for communication between offices in various areas. CAT iPSTAR effectively eliminates limitation of location and distance, thus enabling high-speed internet service in every areas; business center, urban or even remote area across country where no other mean is accessible.

## CAT Globesat

CAT Globesat is the data communication service connecting Thailand to other countries via various Satellites over the world. Supporting transmission of data, voice and video domestically and internationally by using small transceiver equipment (VSAT). Both point-to-point and point-to-multipoint are supported at speed of 64 Kbps. to 45 Mbps.





# CAT Wholesales Service

## Network-to-Network Interconnection

Interconnection between networks for local service providers and international service providers to enable Private line, Ethernet and MPLS (Layer2/Layer3) service with partners in the other countries that looking for expanding business into Thailand and Indochina region.

## International Submarine Capacity Service

CAT has invested with partners in other countries to construct many submarine cable systems. We are co-owner and highest-tier investor of AAG, APG, SEA-ME-WE3, SEA-ME-WE4, CAT is ready to provide high-speed connectivity for domestic and international telecommunication providers.

## Gateway to ASEAN by CAT Service

Thailand is considered to be economic center for trade and investment in ASEAN. Neighboring to Myanmar, Lao, Cambodia and Malaysia, Thailand is becoming more attractive to foreign investors. Highly skilled labors, which is fully supported by government, Transport infrastructure and well-developed telecommunication has brought Thailand to spotlight as a center of commerce and investment.

## Hub to Indochina

CAT as the leading telecommunication provider of Thailand has collaborated with partners in Indochina region to establish GMS-ISN (Greater Mekong Sub-region Information Superhighway Network) which is a high-speed network for mass data transmission to support business expansion in the future.

**CAT** has been expanding network to reach nationwide coverage and developing our One Stop Service by partnering with premier Global Service Provider. We are aiming to bridge communication gap among customers who have branches locating in overseas and increasing efficiency of network management of customer.







บริษัท โทรคมนาคม ฟ้าทิพย์ (มหาชน)



## Global Communication Infrastructure

- |  |  |   |                              |
|--|--|---|------------------------------|
| ■ AAG (Asia-America Gateway)               | ■ SMW 3 (Southeast Asia-Middle East-Western Europe3) | ■ TIS (Thailand-Indonesia-Singapore)      |                              |
| ■ FLAG (Fibre Optic Link Around the Globe) | ■ SMW 4 (Southeast Asia-Middle East-Western Europe4) | ■ DSCN (Domestic Submarine Cable Network) |                              |
| ■ JPN-US                                   | ★ AAE-1 (Asia Africa Europe-1)                       | ■ CZC                                     | ■ CHN-US                     |
| ■ ATLANTIS-2                               | ★ SJC (South East Asia Japan Cable System)           | ■ APCN-2                                  | ■ SAT-3-WASC-SAFE            |
|  |  | ■ TGN-EA                                  | ■ APG (Asia Pacific Gateway) |