

A COMPLETE GUIDE TO

Select ISP (Internet Service Provider) in Thailand



Topics:

- 1. Top 5 list of ISPs in Thailand
- 2. What Corporate Internet circuit offered available
- 3. Capabilities of each ISP
- 4. Sample Costs for Corporate Internet Circuit



- 1. True https://truebusiness.truecorp.co.th/en/solution/network-solution
- 2. AIS https://business.ais.co.th/solution/en/corporate-internet.html
- 3. UIH <a href="https://www.uih.co.th/en/internet-solutions-vas/internet-solution/corporate-internet-solutions-vas/internet-solution/corporate-internet-solutions-vas/internet-solution/corporate-internet-solutions-vas/internet-solution/corporate-internet-solutions-vas/internet-solution/corporate-internet-solutions-vas/in
- 4. Symphony
- 5. NT



^{*} The contents in this presentation are created by IT Pattana based on IT Pattana team service experiences in the local areas specially in Thailand EEC Rayong and Chonburi provinces. To schedule the detail meeting, please contact sales@itpattana.com or call +66(0)81-689-5915

<u>Background</u>: Some of ISP companies grew from Telco companies, some grew from Mobile companies. Please note that this guide focuses on Corporate ISP services, and not home ISP services.

1. True Corporate https://truebusiness.truecorp.co.th/en/solution/network-solution

True grew from a mobile company. True is #2 mobile operator in Thailand. (The #1 mobile operator is AIS).

As mobile operator, True offers 4G,5G telephone network throughout Thailand. In the past few years, True has aggressively expanded the Fiber optic Land line in many industrial areas specially in EEC (Eastern Economic Corridor) of Thailand.

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Now (in Y2022), True mainly offers the below Corporate Internet Circuits

- Business Internet (1 Fixed IP)
 - Suit for SMB and Small Factory
 - Cheap (2,000THB 5,000 THB Per month) and High Sharing Ratio
- Corporate Internet (Multiple Fixed IP) with Corporate Grade Fiber Node
 - Suit for Medium to Large Corporations
 - Medium price (15,000THB 50,000 THB Per month) with Low Sharing Ratio, and SLA

o MPLS

 For Large Corporates who already have MPLS in its Global or Regional offices and want to extend to their branches in Thailand. MPLS is the most expensive.

SD-WAN

- Also for Corporate who have SD-WAN in its Global or Regional offices and want to extend their branches in Thailand
- SD-WAN is a new Service aiming to replace expensive MPLS



2. AIS https://business.ais.co.th/solution/en/corporate-internet.html

AIS also grew from a mobile company. AIS is #1 mobile operator in Thailand, and in 2020 AIS acquired a consumer Internet ISP, 3BB. 3BB is the consumer ISP focusing on home Fiber optic Internet circuits.

As mobile operator, AIS offers 4G,5G telephone network throughout Thailand. In the past few years, AIS has aggressively expanded the Fiber optic Land line in many industrial areas specially in EEC (Eastern Economic Corridor) of Thailand.

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Now (in Y2022), AIS mainly offers the below Corporate Internet Circuits
Different from True, AIS seems not offering Cheap business internet circuit.
So, AIS Internet package usually starts from Corporate Internet with Multiple fixed Ips
In stead, for cheap Business Internet, AIS rather prefers customers to use their 5G network

- 5G Router for Business Internet (Dynamic or Fixed IP) https://business.ais.co.th/5g/en/
 - Cheap (2,000THB 5,000 THB Per month). Also AIS offer SD-WAN as part of it 5G network
- Corporate Internet (Multiple Fixed IP) with Corporate Grade Fiber Node
 - Suit for Medium to Large Corporations
 - Medium price (15,000THB 50,000 THB Per month) with Low Sharing Ratio, and SLA
- MPLS
 - For Large Corporates who already have MPLS in its Global or Regional offices and want to extend to their branches in Thailand. MPLS is the most expensive.



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3. UIH https://www.uih.co.th/en/internet-solutions-vas/internet-solution/corporate-internet-solutions

Differ from True and AIS, **UIH** is not a mobile company. So **UIH** can only offers its Internet Fiber circuit.

To support growing economic in Thailand, **UIH** has also aggressively expanded its Fiber optic Land line in many industrial areas specially in EEC (Eastern Economic Corridor) of Thailand.

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- IPLC (International Private Leased Circuit): UIH offers a dedicated bandwidth, focusing on international
 Internet circuit for Enterprise that have its Global headquarters and want to connect to its branch in Thailand.
 Usually corporates will use UIH IPLC to establish its Site-to-Site VPNs with the HQ
- O MPLS: UIH also offers only MPLS domestically and internationally. For domestic MPLS, UIH offers for a Corporate who has HQ and many branches in many provinces in Thailand. The benefits of this domestic MPLS is that UIH can manage the connectivities from its NoC (Network Operation Center) for customers
 For International MPLS, just like True and AIS, UIH has partners with MPLS Service providers around the globe in order to offer the service to Corporate who has entity in Thailand and want to connect to its Global MPLS network.
- SD-WAN: UIH also aggressively competes in new promising and cheap Internet solution; SD-WAN



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4. Symphony https://www.symphony.net.th/coverage-area/industrial-estates-area/

Differ from True and AIS, **Symphony** is not a mobile company.

Just like UIH , **Symphony** can only offers its Internet Fiber circuit.

Symphony aims mainly to grow its presences in Industrial Estates in Thailand.

Similar to other ISPs, **Symphony** offers Domestic and Internationally Internet services such as IPLC (International Private Leased Line Circuits) where the customers buys this service to build Site-to-Site VPN with their regional sites, MPLS circuits.

However, Symphony has not yet offer any of SD-WAN service in their portfolio.



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4. Symphony https://www.symphony.net.th/coverage-area/industrial-estates-area/

From IT Pattana experience, **Symphony** has partners with Industrial Estate Owners and offer a total outsourced Internet Services to those Industrial Estates.

The example of Inustrial Estates who outsource Internet services to **Symphony** is Pinthong Insustrial Estates https://www.pinthongindustrial.com/en/home-2/

That means **Symphony** will be the Internet or Fiber optic incumbents in the Industrial Estate areas. However, the customers in the Industrial Estates can still choose other ISPs as their choices, and those other ISPs will ride their services through **Symphony** lines.



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5. NT (National Telecom Company) https://www.ntplc.co.th/#

The last ISP that worth mentioning is the **NT.** In 2002, Thai government demanded that CAT (Communication Authority of Thailand) and TOT (Telephone Organization of Thailand) were to merge together and became **NT** (National Telecom Public Company)

TOT and CAT were kind of State Enterprises who were monopolize the Telco and International Internet Gateway for Thailand.

However, in the past decade, both TOT and CAT were suffered from their inefficiency operation compared to other pure business lead ISPs



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As a result, TOT and CAT have lost many of their Internet services to other new ISPs (such as True, AIS, UIH and Symphony) who run their businesses and services more efficiently.

NT can also all kind of Telehone and Internet services ranging from 4G/5G, Internet leased lines, IPLC, MPLS including SIP Trunk telephones.

However, most of NT 's customers are still in government sectors such as Schools, State hospitals, and Government offices around the country.

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Key Take Away

TRUE and AIS: are working very hard to expand its 5G network, and also expand its fiber optic network through out the country. According to EEC announcement, True and AIS plan to have their 5G network covered 50% of EEC areas in year 2023

UIH and Symphony: reply on only Fiber optic network. UIH seems to have difficulty differentiating itself from just providing Internet. Symphony seems to better partner with Industrial Estate to act as single point of Internet services to the Industrial Estate customers.

NT: still have full fledge of Telephone and Internet services. However, their Service and SLA are still not the best. Yet, NT still is the best in SIP Trunk telephone service provider.



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บริษัท ซิมโฟนี่ คอมมูนิเคชั่น จำกัด (มหาชน)

Symphony Communication Public Company Limited

123 ชันทาวเวอร์ส อาคารบี ชั้น 35-37 ถนนวิภาวดีรังสิต แขวงจอมพล เขตจตุจักร กรุงเทพ 10900

123 Suntowers Building B, 35th-37th Floor, Vibhavadee Rangsit Road, Chomphon, chatchak, Bangkok 10900

โทร. (Tel.) 0-2101-1111 แฟกซ. (Fax.) 0-2101-1133 ทะเบียนเลขที่.(Registration No.) 0107553000107



ใบเสนอราคา / QUOTATION					
ชื่อลูกค้า (Customer Name) :	บริษัท 🖺 🚉 น ว์ (ไทยแลนด์) จำกัด	เลขที่ (Reference No.) :	QO-210 ~~6/1		
ที่อยู่ลูกค้า (Customer Address) :	เลขที่ 3 หมู่ที่ 1 แขวง ตาสิทธิ์ เขต อ.ปลวกแดง	วันที่ (Date) :	14 п.ж. 2565		
	ระยอง รหัสไปรษณีย์ 21140	ผู้ขาย (Sales Name) :	1 "sals		
ผู้ติดต่อ (Contract Person) :	AU ****	โทร. (Tel.) :	089 - 113401		
โทร. (Tel.) :	003.010.20	อีเมลล์ (Email) :	. irt.s@symphony.net.th		
โทรศัพท์มือถือ (Mobile Phone) :	C31 66-00		, , , , , , , , , , , , , , , , , , , ,		
อีเมลล์ (Email) :					

ขอนำเสนอราคา มาเพื่อพิจารณาโดยมารายละเอียดดังต่อไปนี้/we are pleased to offer the special price for our premium service by following

รายกา (Item)	บริการ (Service)	รายละเอียดบริกา (Description)	5	ค่าบริการ/ครั้งเดียว (One Time Charge) orc THB		อายุสัญญา (Contract Term)	รวม (Total) THB
1	Service	Internet Bandwidth 50/20Mbps สถานที่ใช้บริการ (Detail of Location) ตันทาง (Origination) บริษัท ซิมโฟน์ คอมมูนิเคชั่น จำกัด (มหาชน) ชันทาวเวอร์ส ชั้น 35 เลขที่ 123 อาคาร ชันทาวเวอร์ส อาคารบี ชั้น 35 ถนนวิภาวดีรังสิต แขวงจอมพล เขตจดุจักร กรุงเทพมหานคร รหัสใปรชณ์บ 109000 Equipments & Add-on Services Service Offering Include - On-site installation (Media & Router) - Real-time web-based bandwidth utilization graph - Primary and Secondary (DNS) - Domain Name Parking x 1 domain (during contract) - IP Address IP Address - Automatic E-Mail alert to inform an incident - Email Relay (Outbound) - Testing period for Free days after installation - Included Building Fee OTC THB	ปลายทาง (Termination) บริษัท พ ล้ว (โเ∵ เนล์) จำกัด อาคารปาโช่ เลขที่ €ิปา ่ทาวเวอร์ ชั้น ⊾. ถนน สีลม แขวง สีลม เขต บางรัก กรุงเทพมหานคร 1) Router-CISCO-CISCO 2911		9,000.00	12 Month(s)	108,000.00
			รวม (Total) ภาษีมูลค่าเพิ่ม 7% (Vat 7%) รวมทั้งหมด (Grand Total)		9,000.00 630.00 9,630.00		108,000.00 7,560.00 115,560.00



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ใบเสนอราคา / QUOTATION ชื่อลูกค้า (Customer Name) : "ชี้ข่า " ่ "ยแลนด์) จำกัด เลขที่ (Reference No.) : QO-22L__ ที่อยู่ลูกค้า (Customer Address) : วันที่ (Date) : 14 n.w. 2565 แขวง ตาสิทธิ์ เขต อ.ปลวกแดง ผู้ขาย (Sales Name) : สอ... ระยอง รหัสไปรษณีย์ 21140 ผู้ติดต่อ (Contract Person) : โทร. (Tel.) : 037 013 7 โทร. (Tel.) : อีเมลล์ (Email) :apc...s@symphony.net.th โทรศัพท์มือถือ (Mobile Phone) : 081 "20F115 อีเมลล์ (Email) : s__.tunbcoi....@itr "ana.com

ขอนำเสนอราคา มาเพื่อพิจารณาโดยมารายละเอียดดังต่อไปนี้/we are pleased to offer the special price for our premium service by following

รายการ (Item)	บริการ (Service)	รายละเอียดบริการ (Description)	คาบริการ/ครั้งเคียว (One Time Charge) OTC THB		(Contract Term)	รวม (Total) THB
1	Service	Internet Bandwidth 300/100Mbps สถานที่ใช้บริการ (Detail of Location) ปลายทาง (Termination) บริษัท 1		25,000.00	12 Month(s)	300,000.00
		รวม (Total) ภาษีมูลค่าเพิ่ม 7% (Vat 7%) รวมทั้งหมด (Grand Total)		25,000.00 1,750.00 26,750.00		300,000.00 21,000.00
		รวมทั้งหมัด (Grand Total)		26,750.00		321,000.00





True Internet Corporation Company Limited บริษัท ทรู อินเทอร์เน็ต ดอร์ปอเรชั่น จำกัด

18 True Tower , Ratchadaphisek Road, Huai Khwang, Bangkok 10310 18 อาคารทรู ทาวเวอร์ ถนนรัชตาภิเษก แขวงหัวยขวาง เขตหัวงขวาง กรุงเทพฯ 10310 Tax ID. 0105549025026

ใบเสนอราคา / Quotation

บริษัท พรู อินเทอร์เน็ต จำกัด มีความยินดีขอเสนอราคา สินค้าและบริการ ตามรายการดังต่อไปนี้ We have pleasure in submiting our quotation as following term and condition.

สำดับ รหัสสินค้า		มค้า รายการ		ราคา/หน่วย	จำนวนเงิน / Total Price		
Item	Code	Description	Qty.	Unit Price	ค่าติดตั้ง / ค่าแรกเข้า Installation / One	Monthly Fee	
1		Internet Service Via MPLS VLL Corporate Package (Dedicate Link 1:1) Service Fee. Domestic & Inter Bandwidth 50Mbps/50Mbps Main Link	1	48,500	-	48,500	
		Included for Item 1: Internet Service Via MPLS VLL 1. Unlimited Internet Usage per month from TRUE Internet 2. Public IP 8 IP 3. Include Network From customer's site to Trueinternet 5. Cisco 1941 for Main Link 6. MRTG Graph (Real-time Bandwidth statistic Utillzation via Website) 7. Free SMS Alert via Mobile Phone (DTAC,AIS,TRUE) 8. Full Bandwidth Guarantee real time 9. Engineer and Monitoring Support 24 hours x 7 days (Corpcare 02-9009121)					
		ราคารวม / Total			-		
		ภาษีมูลค่าเพิ่ม / Vat 7%			-		
		ราคารวม Vat			- -		



	านข์ ไวร์เลส เน็ทเวอร์ค จำกัด : ADVANCED WIRELE ลโยธิน แขวงสามเสนใน เขตพญาไท กรงเทพมหานคร : 4		avathai, Ban	akok	
	ใบเสนอราคา / QU0				
เรียน/Toบริษัท	ที่ด หลุ/หลุ/ ฮันๆ ระบุ)/Customer Name (Pic/Co.,Ltd/Limited Parti	nership/Partnership/Other)		AWN-QT-21	
ที่อยู่/Address	d) Ltd			25/3/202 Phikun Buak	
,	sit A.Pluakdeang, Rayong 21140				90° 1
	si Ai loakaearig, kayorig 21140		· '		v@ais.co.th
	ค่าบริการรายเดือน/ Monthly Charge				
	et Speed 400 Inter Mbps. /400 Domestic Mbps.		56,500	1.00	56,500.00
<u>เรื่อนไขเพิ่มเดิม</u> /Additional Condition * ระยะเวลาใช้บริการ/Service Duration ไ					
	eam Full Bandwidth				
		รวมค่าบริการรายเดือน /Total Mo	nthly Charge		56,500.00
		อัตราภาษีมูลค่าเ	พื่ม/Vat Rate	7%	3,955.00
(หกหมื่นสี่ร้อยห้าสิบห้าบาทถ้วน)	/ (sixty thousand and four hundred and fifty-five baht)	รวมค่าบริการรายเดือนทั้งสิ้น/Net One	time Charge		60,455.00





CAT Customer Service Office-Pluakdaeng

147/15 Moo 4, T.Pluakdaeng, A.Pluakdaeng , Rayong 21140

Tax ID:0107546000229 Branch no. 01381

Tel.: 033-658-089 , Fax: 033-658-088

ทะเบียนเลขที่ 0107546000229

Customer Name LS Co.,Ltd.

HESIE I T.Khaokansong

A.Sriracha

A.Siliacila

e-mail: Tel. No.

Customer Ref:K.5-kul

OT No.PKD-CAT Sip Connect-C1......18

Date:4/12/2018

Valid Date 30 Days

Currency: Thai(Baht)

e-mail:ci....., '@cattelecom.com

Mobile No.C: ^ ^ ^ 000

Sale Contact :Mr.C' -tree P' ... 1

Item	Description	Price (Baht)
1	CAT SIPCONNECT(IP peering): 100 DID number 30 concurrent	
	One Time Charge	
	- Intallation Charge	Free of Charge
	Recurring Charge	
	- Monthly Charge (100 DID number 30concurrent)	7,500 baht
	* Additional channel is 100 bhat/month (Get 1 DID no. free)	
	* Additional DID no. is 60 bhat/month (no additional channel)	
	Usage Charge : Domestic rate	
	- Mobile and long distane Call	1 baht/minute
	- Local Call (same province)	3 baht/time
	Usage Charge : Oversea rate	
	- Please see reference CAT009	start 1 baht/minute
2	Inhouse Connect (Access Core Fiber Optic) 1 Core;Monthly charge	7,000 Baht
	Installation charge(One Time Charge)	12,500Baht





Thank You.

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