



# INTERNET EXCHANGE



Powered by amsix

## Promoting High-Performance Internet with an Internet Exchange (IX)

Our Open Access Peering Platform is powered by Amsterdam Internet Exchange (AMS-IX), the world's leading provider of carrier-neutral Internet Exchange services. Peering at an Internet Exchange (IX) offers a multitude of benefits for networks, including improved network performance, reduced latency, and lower costs. By exchanging traffic directly with other networks, peering improves the speed and reliability of data transmission, resulting in a better end-user experience.



Peering



Private Interconnect



Colocation



Closed User Group

- Physical location for ISPs, CDNs, and network operators to exchange Internet traffic.
- Facilitates direct interconnection between networks, improving performance and reducing costs.
- Uses distributed switching fabric for efficient data exchange.
- Enhances Internet's infrastructure, promoting efficient data flow and optimal routing paths.
- Vital for faster, reliable, and interconnected Internet.

NEXUSGUARD®

## ANTI DDoS PROTECTION



### Key Features

- ✓ Solid protection from DDoS attacks.
- ✓ Customizable granular profiles.
- ✓ Information on bandwidth usage (suitable for network planning)
- ✓ Information on Top 10 visitors to your website (suitable for marketing, business analytics)
- ✓ Alerts to relevant information (detailed attack event playbacks for analysis.
- ✓ Real-time mitigation with customized Dashboard, view real-time traffic & attack events with periodic reports.
- ✓ Continuous development by Nexusguard against latest threats.



### Key Benefits

- ✓ Focus on your core business, leave DDoS protection to the experts.
- ✓ 100% availability, maintains user access to websites & applications.
- ✓ Flexible deployment profiles suits different deployment requirements.
- ✓ Enjoy unparalleled visibility of application traffic and threats in real time.
- ✓ SLA commitments with monthly performance review reports.
- ✓ Avoid negative publicity & customer churn.
- ✓ Attain regulatory compliance & avoid monetary penalties.

# CONNECTIVITY



## BaSICS (Batam - Sarawak Cable System)

A-End CLS: Santubong, Sarawak, East Malaysia, irix Sdn. Bhd  
B-End CLS: Tanjung Bemban, Batam, Indonesia, XL Axiata  
Distance: 750Km  
Round Trip Delay: 7.75ms  
6 Fibre Pairs  
80 Wavelengths per Fibre Pair  
100Gbps per Wavelength  
48Tbps Design Capacity  
Repeater and Subsea cable Manufacturer: Fiberhome  
PFE Manufacturer: Spellman High Voltage  
**Wholly owned by irix Sdn. Bhd.**  
*Operational from Q3 2022*



## SEA-H2X (South East Asia, Hainan - Hong Kong Express Cable System)

CLS Malaysia, Santubong, Sarawak, irix Sdn. Bhd.  
CLS Hong Kong: Tseung Kwan O, China Mobile International (CMI)  
CLS Singapore: Tuas, China Mobile International (CMI)  
CLS China: Wen Chang, Hainan, China Mobile International (CMI)  
CLS Philippines: La Union, Converge ICT  
CLS Thailand: Songkhla, China Mobile International (CMI)  
Trunk Distance: 3350KM  
8 Fibre Pairs: 1 Fibre Pair - irix Sdn. Bhd.  
100 Wavelength per Fibre Pair  
200Gbps per Wavelength  
160Tbps Design Capacity  
**Consortium Cable: irix Sdn. Bhd., China Mobile International, China Unicom, Converge ICT**  
*Ready for Service: Q4 2024*



## irix Terrestrial Network

### Points of Interconnect (POI):

Santubong  
Wisma Bapa  
Samajaya  
Tebedu (connected to XL Axiata Indonesia Network)  
Lachau  
Mapai  
Similajau  
Marudi Junction  
Sungai Tujoh  
1000 Km Fibre Network OPGW and Buried Optical Fibre  
*Ready for Service: Q4 2023*



irix offers a range of high-quality internet access services, including dedicated internet access (DIA) and IP transit options, designed to cater to your unique requirements. With our extensive anti-DDoS protection measures in place, your network is safeguarded from any malicious attacks, offering uninterrupted and secure online connectivity. You can rest assured that your network is secure, and your online operations remain uninterrupted, giving you complete peace of mind.

# INTERNET ACCESS

- IP Transit (for those with AS /IP ranges and BGP capability)
- Dedicated Internet Access (for those with no AS/IP/BGP)
- Secure Internet Access (Internet Access + Anti DDoS Nexusguard)
- Focus on 10Gbps & 100Gbps (1Gbps and below optional)



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