Co-location Service

The Stock Exchange of Thailand offers Co-location service for members to install their devices at SET's Primary Data Center. Service is supported for trading and receiving data feed on both equity market (SET) and derivatives market (TFEX). With the shortest physical distance and the reliable connectivity to trading system, subscribers can significantly reduce the time to obtain data feed and submit orders to market.

Key features

- Low latency access to trading systems and data feed
- The shortest physical distance between trading systems and members' system
- Reliable connectivity to exchange on local network
- Highly secured environment

Eligible clients

- SET/TFEX Trading Member
- Market Data Vendor
- Application Service Provider (ASP)
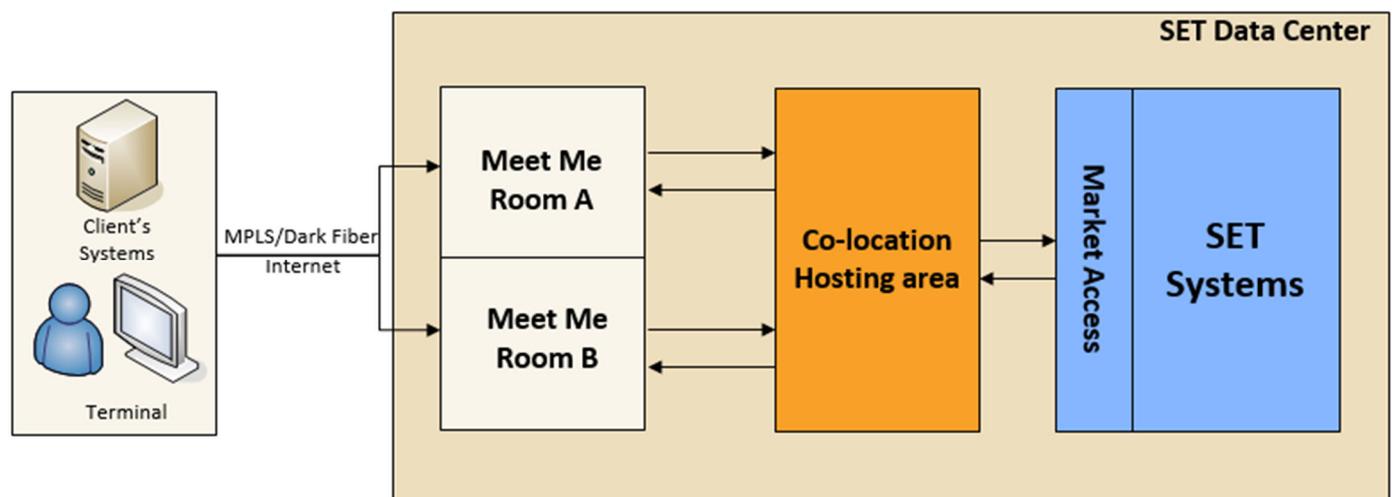- Managed Hosting Vendor
- Others prescribed by SET

Connectivity

- 1 Gbps redundancy LAN to access trading and market data systems

Telecommunication

- Local Carrier: AIS, CAT, Interlink, NT, Symphony, TRUE, UIH
- International Carrier: Avelacom, BSO, COLT, IPC, Transaction Network Services

Co-location diagram

Data Center Facilities

- Temperature and relative humidity control system Based upon ASHRAE Standard & Guideline
- Fire prevention and extinguishing system(Nitrogen)
- High-sensitivity smoke detector (VESDA)
- Water detector
- UPS and Power generator with 2N redundancy
- 24 x 7 standby & Infrastructure monitoring
- ISO/IEC 27001:2013 Information Security Management System (ISMS) Certification by BSI
- ISO 20000 Service Management System Certification by BSI

Cabinet Specification

- Half Rack: 3 kVA with 220 Volt power feeds
- Full Rack: 3 kVA, 6 kVA and 10 kVA with 220 Volt power feeds
- 1200mm (D) x 600mm (W) x 21U (Half rack) or 42U (Full rack) with 120 cm clearance space
- 2 sets of high density 20 outlets (C13 (18), C19 (2) type 16A for Half Rack (3 kVA)
- 2 sets of high density 42 outlets (C13 (30/36), C19 (12/6) type 32A for Full Rack (3kVA, 6 kVA/ 10 kVA)
- Patch Panel (1U) 2 x 6/12 ports of UTP CAT6A For Half/Full Rack

Security System

- 3 levels of security access system (building gate, lobby, Data Center entrance)
- 24-hour CCTV with 90 days of recording

Electronic Access Control System (EACS)

- Control rack accessibility by Electronic Access Card
- Send all access activities to client via e-mail

Cross Connect

Start from total 4 cables (UTP/Fiber) patching to others
- 2 cables per service per service user
- 2 cables per each subscribed rack

Remote Hand Services

Provide in emergency cases to assist clients on remote management. Authorized person or clients must give step by step instruction to perform remote hands.
- Hardware Reset
- Visible Physical Check (Check LED Light)
- Temperature check in front of rack

Accessibility to Data Center

- Access to the SET Data Center
  - Weekdays from 18:00 to 06:00 of the next day
  - Weekend/Holiday from 18.00 of last trading day to 18:00 of last day of holiday/weekend
- 1 business day prior notice is required
- For the extra access schedule, authorization from SET is required

Contact Information

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