Technical Visit to Exitra Data Centre
by Ir. Tan Seng Khoon

Ir. Tan Seng Khoon is currently a committee member in Information and Communications Technology Special Interest Group (ICTSIG).

Exitra Data center is located in level 8 of Menara LGB in Taman Tun Dr. Ismail, Kuala Lumpur.   We went there by van from IEM building and some chose to go direct to the site themselves.
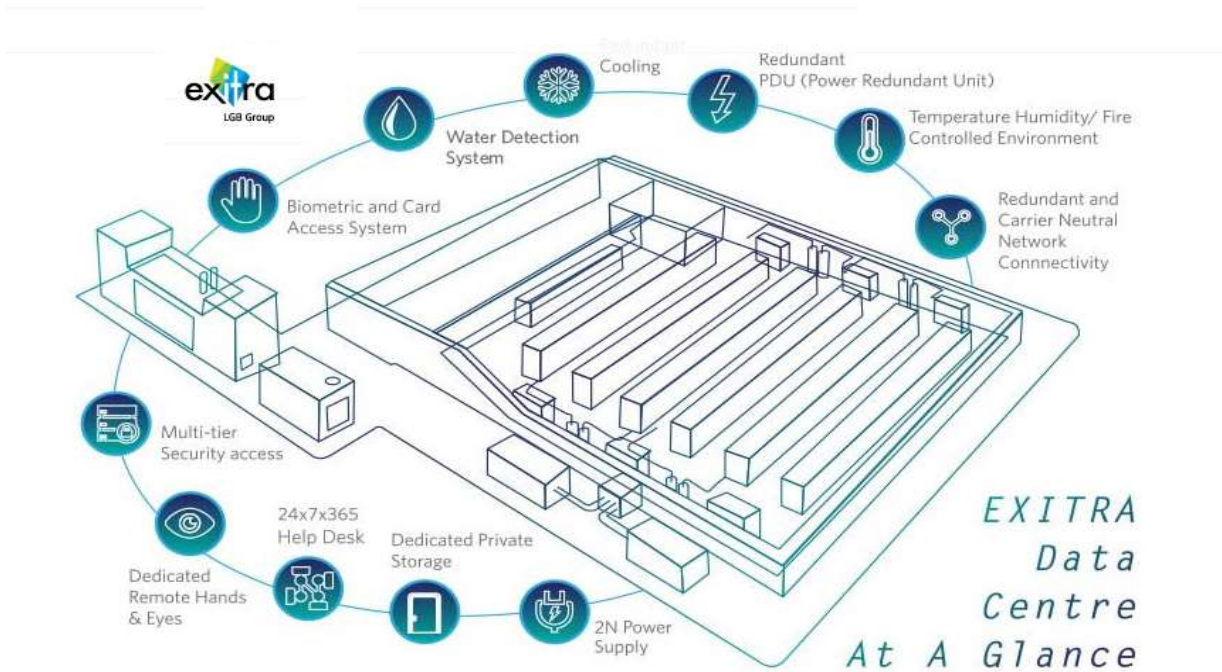
Total in attendance were 12 participants.

Group photo

Menara LGB

LBG Trademark

exitra
LGB Group

Cooling

Redundant
PDU (Power Redundant Unit)

Water Detection
System

Temperature Humidity/ Fire
Controlled Environment

Biometric and Card
Access System

Redundant and
Carrier Neutral
Network
Connnectivity

Multi-tier
Security access

24x7x365
Help Desk

Dedicated Private
Storage

Dedicated
Remote Hands
& Eyes

2N Power
Supply

EXITRA
Data
Centre
At A Glance

Racks for harddisks, servers and switches. **Harddisks**

Fire extinguishers

3. Gratitude

IEM would like to thank the following:-

    a.   Mr. Rodrigues Teh Wang Lai, GM of Exitra Business Development for allowing us to visit his Data Center.

    b.   Mr. Heng Min Jum , Data Center manager, for taking the group around the center and giving us the briefing.

    c.   Ms. Chin Ai Wei, for giving us the delicious nasi lemak refreshment.

4. Exitra Data Center Tour, led by Mr. Heng Min Jum.

The tour of the Data Center started with the 24 hrs. manned helpdesk room where clients can phone in for assistance. On display in the room were the Data room layout plan showing the performance of temperature and humidity at every part of the data center facility as well as its security situation.

Then we were taken to a raised floor Data storage room with rows and rows of racks storing the batteries, the hard disks, the servers and the switches.

Next we were shown the fire fighting equipment room with the halon gass canisters and fire fighting extingushers.   We were not shown the twin units standby electric generators because it is located in a far section of the building.

In case of TNB power failure, it will take about 2 minutes for the system to automatically switch to the diesel powered electric generator to take over the electric supply to the data center.

Exitra data center is a Tier 3 facility used to house computer systems and associated components, such as telecommunications and storage systems. It includes redundant or backup power supplies, redundant data communications connections, environmental controls (e.g., air conditioning, fire suppression) and various security devices.