One Day Training Course in
Data Center Facilities and Operations (7 hours)

Objective

Data centers come in different sizes - whether it's four servers in a closet or hundreds of servers in a building - which provide mission critical functions for enterprises and public services.

The course outlines a critical infrastructure system supports a typical data center and the main components facilitate a data center operation. It also introduces the data center facilities standards and best practices.

The course is designed for junior operators, engineers and system administrators to acquire basic knowledge in data center critical facilities, on top of the IT system and daily operations.

Content & Outline

1. What is Data Center
2. Applications of Data Center
3. Who are the users
4. Users' expectations
5. Inside a Data Center – IT, E&M services, Facilities supports
6. Data Center Configurations – Architectural, Structural, MEFPD, Network
7. Glossary – Resilience, Tier Levels, Redundancy
8. Operating a Data Center
9. Loss Prevention
10. Maintenance Management
11. Facilities Supports – MEFPD (Mechanical, Electrical, Fire, Plumb and Drain) Services
12. Specific Requirements for Facilities
13. Operations Highlights
14. Sustainable Management
15. Performance assessments

Remarks

- Each topic around 15 - 45 minutes
- Course content can be modified based on special requests and arrangements.
- The course is thoroughly conducted by vendor neutral Chartered Engineer (CEng) who has more than 15 years in data center and critical facilities design and build, operations and maintenance.