

# Practical Data Center Security <sup>TM</sup>

**Course Duration: 1 day**

## **Target Audience**

- Designed for non IT managers to have an overview and understanding of data and data centre security
- Audience is located within Singapore

## **Course Content**

- **Understanding of basic IT & data security concepts**
  - Definition of risk management
  - Overview of IT security threats
  - Basic criteria of data security as in Confidentiality, Integrity and Availability of data
  - Basic data risk mitigation concepts as in incident response, disaster recovery and business continuity planning
- **Data center security**
  - Holistic Information Security Management System (ISMS): BS7799-2
  - Data center risk controls
    - a) Physical security
    - b) Fire protection
    - c) Power supplies, cabling and others
  - Data security policy controls
    - a) Intellectual Property Rights controls
    - b) Data privacy and disclosure controls
    - c) Data handling, communication and storage & back-up security controls
- **Understanding data privacy principles and laws**
  - Data privacy principles
  - Singapore's guidelines on data privacy
  - International regimes on data privacy and protection

## **Training Methodology**

- Classroom based lectures
- Each student is encouraged to review their existing corporate IT security policy relating to data security before the class.

## **Certification**

Certificate of attendance would be given for 80% of class attendance and participation.