



# Information Security Training Courses

Offered

by



*Securing the In Secure*





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### **1. Executive Summary**





Information Security is one area, which is being talked about in organizations with increasing frequency, as the organizations are realizing the importance of 'information' per se. Today information, whether it is in paper form, electronic data or even the intellectual property, is treated as a vital asset of an organization. This realization can be attributed to the escalating number of attacks targeted at 'information'-be it modifying the information, destroying it, or simply obtaining it.

However, these malicious attacks are not the only source for compromising an organization's information. Statistics reveal that up to 70% of all security incidents are caused by human error or ignorance!! Do organizations realize this? Probably not; which is why in spite of the high-tech security controls, the organization is unable to protect its information.

It is for the organizations to understand that once the technical controls are put in place, the next step for them is to make the management and the employees realize the significance of information and to explain them their role in securing the information.

In other words, what an organization needs is a well-designed and implemented training and awareness programme. iSec provides Information Security Education and Trainings, to concerned individuals and organizations, through its highly competent and professional consultants.





## 2. Information Security Courses Offered by iSec

Following are the courses offered by iSec Services to our corporate clients

### 2.1 Course Details

#	Course Module	Course Code	Duration
1	General Security Awareness	GSA	5 Days
2	Comprehensive CISSP <sup>1</sup> Exam Training	CISSPT	7 Days
3	Refresher CISSP Exam	CISSPRT	5 Days
4	BS 7799 <sup>2</sup> Auditors Course	BSA	5 Days
5	BS 7799 Implementation Course	BSI	10 Days
6	Audit Fundamentals	AF	3 Days

<sup>1</sup> CISSP: Certified Information Security Professional offered by ISC2 ([www.isc2.org](http://www.isc2.org))

<sup>2</sup> BS7799: British Standard 7799 for organization wide security





### 3. General Security Awareness Training (GSA)

Following are the details

#### 3.1 General Security Awareness - GSA

Day 1	General Security Concepts
	Security Standards
	Evaluation Methodologies
	Security Institutions
Day 2	Networking Concepts
	IP Addressing
	Subnets and Masks
	Router and Switches
Day 3	Security Standards
	Evaluation Methodologies
	BS - 7799 Part 1
	BS - 7799 Part 2
Day 4	ISMS
	Security Audits
	Security Policy Design
	Security Procedures
Day 5	Firewall
	Intrusion Detection System
	Anti Virus
	Content Filter





### **3.2 Who Should Attend:**

This course is designed for providing basic awareness of Information Security to

- a. Chief Information Officers
- b. Chief Technology Officers
- c. Network and System Administrators
- d. Quality Assurance personnel
- e. IT Managers

### **3.3 Prerequisites:**

Prerequisites for this course is a general understanding of Information Technology processes





#### 4. Certified Information Security System Professional (CISSP)

Following are the details of various courses offered by iSec for CISSP

##### 4.1 Comprehensive CISSP Exam Training - CISSPT

Day 1	Overview of CISSP
	Orientation Exam
	Access Control Systems and Methodology
	Question and Answers
Day 2	Telecommunication & Network Security
	Security Management Practice
	Question and Answers
	Discussion about the Exam
Day 3	Application and Systems Development Security
	Cryptography
	Question and Answers
Day 4	Security Architecture & Models
	Operations Security
	Questions and Answers
Day 5	Business Continuity Planning & Disaster Recovery Planning
	Laws, Investigations and Ethics
	Question and Answers
Day 6	Physical Security
	Question and Answers
Day 7	Rehearsal Exam
	Discussion about Result





## 4.2 Refresher CISSP Exam Training – CISSPRT

Day 1	Overview & Orientation of CISSP
	Access Control Systems and Methodology
	Telecommunication & Network Security
	Security Management Practice
Day 2	Application and Systems Development Security
	Cryptography
	Security Architecture & Models
Day 3	Operations Security
	Business Continuity Planning & Disaster Recovery Planning
	Laws, Investigations and Ethics
Day 4	Physical Security
	Quiz test
Day 5	Rehearsal Exam
	Discussion about exam & tips

## 4.3 Who Should Attend:

Persons desirous of seeking Certified Information Security Professional (CISSP) certification

## 4.4 Prerequisites:

- a. This course requires a basic background of Information technology with at least 4 years of hands on experience on Information Technology administration, procurement or development.
- b. General understanding of basic fundamentals of Physical Security and Networking concepts are desirable.
- c. General Security Awareness course offered by iSec will be an added advantage





## 5. British Standard Training (BS 7799)

### 5.1 BRITISH STANDARD 7799 AUDITORS COURSE - BSA

Day 1	Introduction to BS 7799
	Security Policy Design
	Asset Classification
	Security Organisation
Day 2	Access Control
	Operations And Communications Management
	Physical Security
Day 3	Personnel Security
	Business Continuity Planning
Day 4	Business Continuity Planning
	Compliance
Day 5	Exam
	Discussion about exam

### 5.2 BRITISH STANDARD 7799 IMPLEMENTATION COURSE - BSI

Day 1	Introduction to BS 7799, ISMS Framework
	Security Policy Design
	Risk Assessment Methodology
Day 2	Formation of Asset Registers
	Classification of Assets
Day 3	Risk Treatment
	Selection of controls
Day 4	Writing procedures for Controls
	Business Impact Analysis
	Business Continuity Plan writing





	Testing of Business Continuity Plans
Day 6	Auditing ISMS
	Use of Auditing tools
Day 7	Preparing Statement of Applicability
	Measuring ISMS

### 5.3 Who Should Attend:

These courses will be helpful to

- a. Chief Information Officers
- b. Finance Officers
- c. Human Resource Persons
- d. Network Administrators
- e. System Administrators
- f. Physical Security Persons

### 5.4 Prerequisites:

- a. General understanding of basic fundamentals of Security is desirable.
- b. General Security Awareness course offered by iSec will be an added advantage





## 6. Security Audit Training

### 6.1 AUDITING FUNDAMENTALS - AF

Day 1	IT Security Overview
	Case Study
	IT Security Audit Fundamentals- Cobit, Common Criteria
Day 2	Audit Tools
	Audit Methodology- Octave
	Audit Reporting
Day 3	Case Based Audit Report
	Audit Presentations

### 6.2 Who Should Attend:

These courses will be helpful to

- a. Information Security Auditors
- b. Chief Information Security Officers
- c. Network Personnel

### 6.3 Prerequisites:

- a. General understanding of functioning of the organisation
- b. Background of Information Technology is desirable though not required





## 7. Why iSec

I SEC consultants have extensive experience in handling security training, assessment and compliance projects for various national and international clients. Brief description of projects that the consultants have executed successfully is given below:

### 7.1 Security Training Projects



#### The Library of Congress

##### Client

The Library of Congress is the nation's oldest federal cultural institution and serves as the research arm of Congress. It is also the largest library in the world, with nearly 128 million items on approximately 530 miles of bookshelves. The collections include more than 29 million books and other printed materials, 2.7 million recordings, 12 million photographs, 4.8 million maps, and 57 million manuscripts.





### **Project**

iSec conducted a seminar on Information security for the library of congress in New Delhi for their delegates from around the world. Course content included organizational security, Network security and general security principles.



### **Perot Systems**

#### **Client Profile**

Perot Systems is a software solutions and services provider, with clients and offices worldwide, and systems and processes that ensure quality. It is already BS 7799 certified in 2003.

### **Project**

Perot System retained iSec to train its IT personnel on principles of Network auditing. The course educated the participants on the nuance of Security Audits and conducted a hands on workshop for performing Network Audits.



### **King Abdul Aziz City for Science and Technology**

#### **Client**





King Abdul Aziz City for Science and Technology is the apex body of Kingdom of Saudi Arabia to perform research in areas of Science and technology. Its Internet Services Unit is also entrusted with the task of monitoring and providing security to Internet traffic within Kingdom of Saudi Arabia.

### **Project**

KACST retained iSec to train its Information Security staff for achieving CISSP certification for its staff. ISec conducted the training with a 100% success result. All those who took the exam were certified as CISSPs

## **7.2 BS 7799 COMPLIANCE AND ASSESSMENT PROJECTS**



### **Perot Systems**

#### **Client Profile**

Perot Systems is a software solutions and services provider, with clients and offices worldwide, and systems and processes that ensure quality. It is already BS 7799 certified in 2003.

### **Project**

Perot System retained iSec to evaluate and recommend roadmap to update its controls and perform external audit of its ISMS prior to the yearly surveillance audit.





## **Bharat Heavy Electricals Ltd.**

### **Client Profile**

Bharat Heavy Electricals Ltd (BHEL), is the largest engineering and manufacturing enterprise in India in the energy related/infrastructure sector. It offers customers worldwide a wide range of products and services that conform to the highest international quality standards and specifications.

### **Project**

BHEL intends to get its centre at NOIDA certified against BS 7799 standards. BHEL has retained iSec Services Pvt Ltd to help BHEL achieve BS 7799 compliance. Its first stage audit is due in January, 2005.



## **vMoksha Technologies Pvt. Ltd.**

### **Client Profile**

vMoksha Technologies is an IT services company with a focus on offshore outsourcing. vMoksha has a strength of 1500 professionals working from 2 development centres in India and one in Singapore, vMoksha also has a strong presence in the US, UK and Singapore.





## Project

### **BS 7799 Implementation and Compliance**

vMoksha intended to get its centres in Bangalore and Pune certified against BS 7799 standards. In order to achieve this objective vMoksha retained iSec Services Pvt Ltd to help itself in achieving this certification.

iSec successfully executed the project with vMoksha getting certified in May 2004.

The scope of the project included the following:-

- Current state assessment
- Establishing of Security Organization
- Reviewing and Updating Security Policy
- Asset Classification and Risk Assessment
- Risk Management
- Security Procedures review and update
- Preparation of Statement of Applicability
- Preparation of documents for review by the Certification body (stage -1 audit)
- Assisting the auditors during the Stage-2 review process at vMoksha



**Syntel India Ltd.**

### **Client Profile**

Syntel India Ltd is a fully owned subsidiary of Syntel Inc, USA. It is into offshore software development services for its clients in USA.





## Project

Syntel intended to get itself certified against BS 7799 standards. Syntel, retained iSec for accomplishing this task. iSec successfully completed the project with Syntel getting certified as BS 7799 compliant in Nov, 2004.

### 7.3 SECURITY AUDIT PROJECTS



#### S1 Corporation

##### Client Profile

S1 Corporation is a leading global provider to more than 4,000 banks, credit unions and insurance providers of enterprise software solutions that gives financial services providers one view of their customers.

##### Project

S1 has outsourced projects to an India-based organization. It intended to get a gap analysis done for the Pune centre of that organization, where S1's project is being carried out to gauge the level of security in the organization. It retained iSec Services Pvt Ltd for the said purpose.



#### Saudi Electricity Company-Central Region Branch (SEC-CRB)

##### Client Profile





SEC-CRB is one of the divisions of government utility company SEC in Kingdom of Saudi Arabia. SEC is responsible for electricity generation and supply in entire Saudi Arabia.

### Project

SEC-CRB intended to get its IT infrastructure evaluated in terms of security by external consultants.

The scope of the project included the following:-

- Audit of Head Office's IT infrastructure of SEC-CRB.
- Review the security levels in various applications, networks and servers used by SEC-CRB.
- Recommendation on centralized monitoring system.
- Information Risk Assessment.
- Recommended security measures for
  - PC servers
  - Mainframes
  - Network
  - Application
  - Policy and Procedures based on BS7799 standards.
- Security management methods and plans.
- Continuity of Operational Plan- including Disaster Recovery





## 8. Contact Information

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