



## Executive Overview on Information Security Management Systems (ISO 27001:2005)

1 Day Programme

### What ISO 27001:2005 can do for your Organisation ?

- *help Industries understand the importance of information and its security in todays business scenerio*
- *provide default guidelines on the types of security controls to safeguard the assets*
- *instruct necessary steps required in establishing a management framework*
- *encompass the people, the IT system and the processes within your organization*

### This programme covers

- ▣ **a detailed overview of the ISO 27001:2005 requirements to set up an Information Security Management System**
- ▣ **the overview of the controls and control objectives detailed in the standard to appreciate the benefits of adopting this standard**

### Programme Motivation

Information today is an asset. It is widely regarded as the lifeblood of modern business. It leads to the creation of the 'knowledge base' for any Company. Government, health, financial services, manufacturing, agriculture, IT, BPO, etc; all sectors carry data which are highly sensitive with respect to their business scenario. Almost all companies in any of the sectors would have significant business disruptions if the information was corrupted. Any leakage in information from these companies to competitors will adversely affect the future and the competitive advantage for the company. A majority of the organizations now depend on systems to carry out normal operations. Availability of the information is more important than ever, and is fairly consistent issue for all sectors.

Information exists in different forms; paper, electronic, visual, verbal, etc. The emphasis being placed on security of the electronic form of information is on the rise but a number of critical business information is residing in other forms as well. Awareness regarding this aspect is low among the organizations and hence the probability of occurrence of security breaches in these areas is high.

Unlike common belief, it is not just technology which enables greater security of information but many other factors which play a key role. Information security breaches survey managed by Price Waterhouse Coopers highlights Human Error as the root cause of most security breaches. So the challenge for many organizations is to create a security-aware culture which would enable the employees to act in a sensitive and secure manner.

India today is being looked at as one of the major players for business process outsourcing. Be it application development, web-site hosting, helpdesk operations, call center operations, transactional processing, almost all business processes are being outsourced. This increases the responsibility on the organizations to adhere to the laws and acts prevailing in the various clients' countries. This off-shoring makes information security a key aspect to be looked at by the organizations.

The business environment continues to change with greater use of technology. Greater connectivity has increased the exposure of businesses to security threats. There is a growing concern about the security of information due to the proliferation of computer networks and the reliance of businesses on electronic data collection and processing. The security threats to organizations include fraud, espionage, sabotage, vandalism, fire, flood, computer-hacking and computer viruses. This list will keep growing with technological advancements and changing business scenario.

Overall, the business environment continues to become more and more inter-connected. Traditional boundaries between organizations are eroding. The pace of change continues to increase. Outrunning this pace of changes is a time-consuming task for any business, let alone making sure changes are made in a safe and secure manner.

### What is ISO27001:2005 ? Its Origin & Development

These growing concerns led the UK government's Department of Industry (DTI) to ask British Standards Institute (BSI) to work with businesses and other concerned communities to develop a standard that would increase awareness of security issues and suggest controls to help protect information within all types of organizations. The ISO 27001:2005 standard was originally published as the BS 7799 Standard in 1995, to give guidance on Information Security Management. It was re-published in the year 2002 and is in line with the PDCA model adopted by ISO 9001:2000. The majority of the hype today is about BS7799-2, which was released in 1999. The popularity gained by BS 7799 is largely due to the publicity that the information security market has gained in recent years. The British Standard, BS 7799-2:2002 was again updated, adopted, and published as an international standard, ISO/IEC 27001:2005 on 15th Oct 2005.

Information Security Management System ISO/IEC 27001:2005 (BS 7799) Part 1 is a Standard Code of Practice that provides an organization with default guidelines on the types of security

controls an organization should implement to safeguard their assets. The scope of this standard covers, voice, internet, phones, faxes, etc. Information Security Management System ISO/IEC 27001:2005 (BS 7799) Part 2 is Management Standard Specification. This instructs an organization on the necessary steps required in establishing a management framework, it encompasses the people, the IT system and the processes within the organization.

This Programme is intended to provide a detailed overview of the ISO 27001:2005 requirements for any industry to take a decision to set up an Information Security Management System conforming to this standard. This programme intends to cover the overview of the controls and control objectives detailed in the standard to appreciate the benefits of adopting this standard.

## Workshop Objectives

This programme is intended to take you through the ISO 27001:2005 Standard along with the controls and control objectives defined in the annexure of the standard:

- To help industries understand and appreciate the importance of information and its security in today's business scenario.
- To create an awareness among the industries regarding the need for an Information Security Management System conforming to ISO 27001:2005 Standard.
- To evaluate the benefits of implementing an Information Security Management System conforming to ISO 27001:2005 Standard

## Programme Contents

1. What is information ?
2. Importance of Information Security
3. Concepts of Risk Management
4. History of ISO 27001:2005 Standard
5. Principal difference between ISO 9001:2000 and ISO 27001:2005
6. Walkthrough the clauses of the ISO 27001:2005 Standard
7. Overview of the controls and control objectives listed in the ISO 27001:2005 Standard
8. Case Study

## The programme is beneficial for

- Organizations already certified for ISO 9000 and looking for ISO 27001:2005 certification
- Organizations looking to secure information critical to their business
- Organizations wanting to enhance trust with their clients as well with the employees
- Organizations wanting to reduce risk to business operation continuity
- Organizations working with government agencies and health authorities
- Organizations building competitive advantage in the market

**Note :** 1. No pre requisite knowledge is required.  
2. Programme suitable for any type of industry.

## Target Audience

- CEO's (Profit center heads)
- Senior Management
- Quality Managers
- Departmental Heads of Purchase, Admin & Finance
- Management Representatives
- Internal Auditors of ISO 9000 system
- Improvement Managers
- QA Professionals (Manufacturing, Service, Software and Finance Industries)
- Consultants

## Feedback

1. 'Thoroughly enjoyed the programme. It is informative, projects different angles & is a good experience'.

*Mr. V V Ramana Rao; Chief-Information Technology, Enercon India Ltd.,  
E-mail : v.ramanarao@enerconindia.net; Mobile :9820092364*

2. 'It was my pleasure to attend the session for ISMS and definitely looking forward to attend next one. Mr. Narayanan is an excellent faculty and his team has done a very fantastic job on that day'.

*Mr. Sunil Kolmabkar, IT Manager, InterGold India Pvt Ltd.,  
E-mail : sunil.kolmbkar@intergold.net; Mobile :9869354635*

3. 'Entire Schedule was very well managed. Information flow was excellent. Would surely like to have such systems for our organization'.

*Michael D'Souza; Manager IT; Enercon India Ltd.,  
E-mail : michael@enerconindia.net; Mobile :9820304406*

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