

# INFORMATION SECURITY MANAGEMENT SYSTEM WHITE PAPER



ISO 27001: 2013



## WHAT IS ISO 27001:2013 ISMS?

The ISO 27001 is an Information Security Management System (ISMS) standard published in 2013 by the International Organization for Standardization (ISO) and the International Electro technical Commission (IEC). Its full name is ISO/IEC 27001:2013 - Information technology -- Security techniques -- Information security management systems – Requirements, but it is commonly known as "ISO 27001".

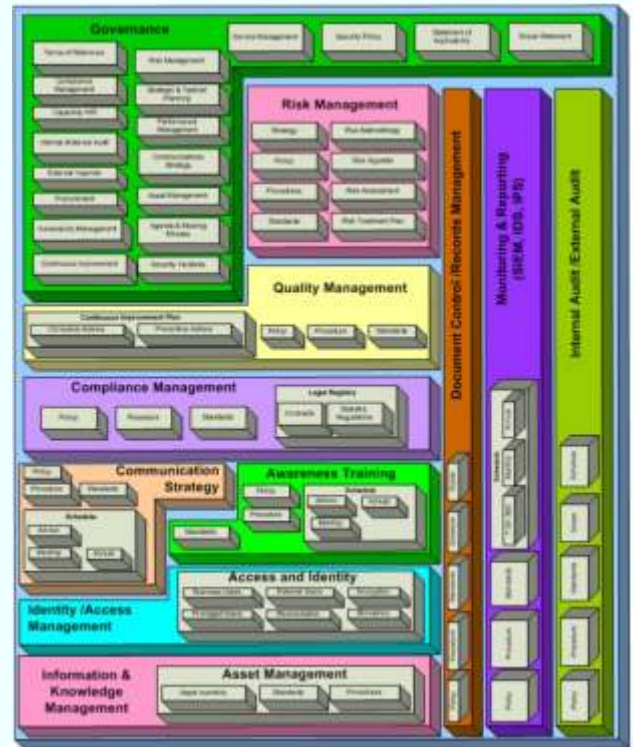
The ISO 27001:2013 ISMS provides a framework for developing or enhancing organization's information security needs and helps to proactively identify, manage and reduce the range of threats to which information is regularly subjected. It enables an organization to develop and maintain an integrated system that assures effective accessibility, confidentiality, and integrity of written and electronic data. The objective of the ISO 27001:2013 standard is to "provide a model for establishing, implementing, operating, monitoring, reviewing, maintaining, and improving an Information Security Management System".

ISO 27001 is applicable to any organization where the misuse, corruption, or loss of its business or customer information could result in financial, continuity, or legal implications. The information may be printed or written on paper, stored electronically, transmitted by post or email, shown on films, or spoken in conversation, whatever form the information takes, or means by which it is shared or stored, ISO 27001 helps an organization ensure it is always appropriately protected. Industries as diverse as finance, government, information technology, medical, and consumer services can incorporate the ISO 27001 standard into their business practices.

The ISO 27000 family of series is a comprehensive set of emerging standards for managing information security. It consists most notably the ISO 27001:2013 standard (formerly known as BS 7799-2:2002), this is the 'specification for an information security management system' covering the requirements for implementing ISO 27001 in any organization. Other standards included in the series are ISO 27002:2013 (rename of the ISO 17799 standard; which itself was formerly known as BS7799-1) which provides guidelines and code of practice for implementation of ISO 27001.

Providing ISO 27001 consulting, Training, Implementation and Certification facilitation services across the world.

## ISO 27001:2013 Model



## BENEFITS OF ISO 27001:2013

- Improved reliability
- Increased profits
- Reduced costs
- Compliance with legislation
- Improved customer relationships
- Demonstrates due diligence
- Global acceptance
- Lower rates on insurance premiums
- Reduced liability
- Improved management
- Focused staff responsibilities
- Better awareness of security
- Mechanism for measuring the success of the security controls

## Key Elements of ISO 27001:2013



- Information Risk Assessment
- Implementing risk management strategies
- Internal Audits
- Management Review
- ISMS Improvement
- Information Security Policy
- Information Security Organization
- Asset Management
- Human Resources Security
- Physical & Environmental Security
- Communications & Operations Management
- Access Control
- Information Systems Acquisition, Development, and Maintenance
- Information Security Incident Management
- Business Continuity Management
- Compliance



## Summary of ISO 27001:2013

Organizations are becoming increasingly aware of the value of their business-critical information and the need to protect their information-related assets. An information security management system (ISMS) is a risk management approach for maintaining the confidentiality, integrity and availability of the organization's information. The ISO 27001:2013 specifies the requirements for establishing, implementing, operating, monitoring, reviewing, maintaining and improving a documented Information Security Management System within the context of the organization's overall business risks.

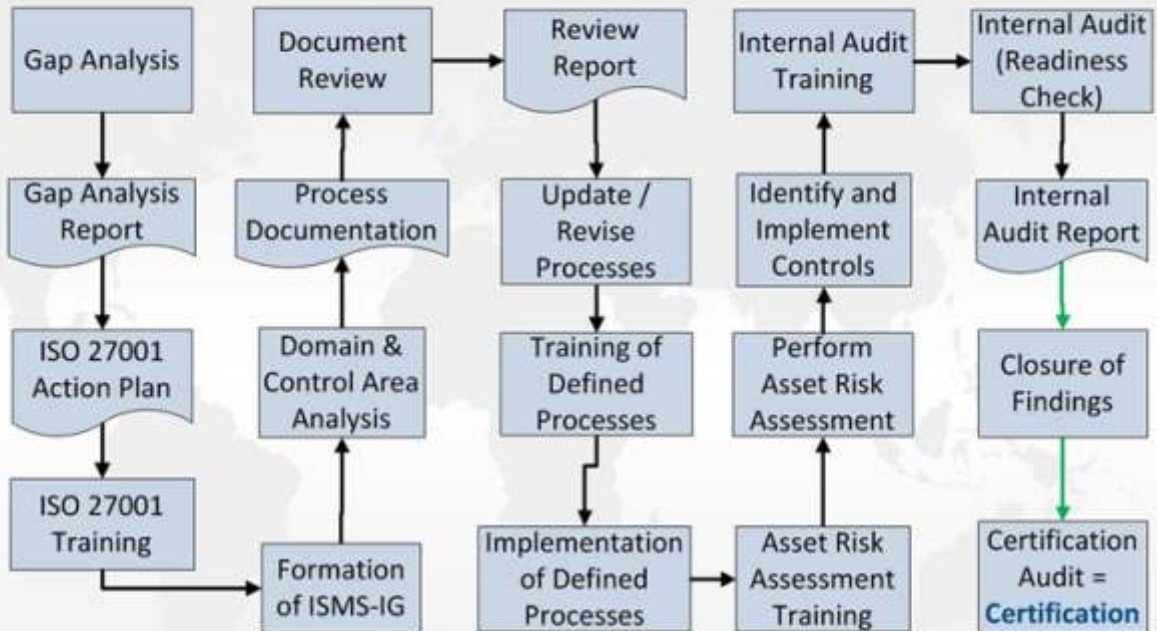
The standard defines its process approach as application of a system of processes within an organization, together with the identification and interactions of these processes, and their management". It employs:

- Establishment of ISMS policy, objectives, processes and procedures relevant to managing risk and improvement of information security to deliver results in accordance with an organization's overall policies and objectives.
- Implementation and operation of the policy, controls, processes and procedures.
- Assessment and, where applicable, measurement of process performance against policy, objectives & practical experiences and reporting of the results to the management for review.
- Taking corrective and preventive actions, based on the results of the internal audit and management review or other relevant information, to achieve continual improvement of the ISMS.



## ISO 27001:2013 – Consultancy Framework

Quality Aim and Client



### Abbreviations:

ISMS = Information Security Management System, ISMS-IG = ISMS Implementation Group

ISO 27001:2013 is therefore designed to allow all types of organizations to implement an Information Security Management System, helping them to better accomplish legal and information security requirements, build process-based security management systems, and focus on continuous improvement.

We the "Sterling Management Consultant Pvt Ltd" are a team of highly skilled and qualified consultants and trainers having vast industrial experience. We partner organizations across the world to implement and achieve ISO 27001:2013 ISMS certification. Our consulting approach is highly professional, time bound and effective resulting in ease of implementation and adds value to the business processes of the client organization. We provide ISO 27001:2013 ISMS training, consulting implementation and certification services in India, USA, UK, Saudi Arabia, UAE, Europe and African countries.

Sterling offers comprehensive services that will help you to achieve ISO 27001:2013 ISMS certification.

We provide assistance to:

- Systematically examine organization's information security risks, threats and vulnerabilities
- Review existing information security programs and systems (gap analysis)
- Identify applicable laws and regulations
- Establish information security policy and objectives
- Design and develop coherent information security controls and strategies
- Identify documentation requirements
- Train personnel
- Implement new programs such as internal audit and management review
- Help you seek certification for ISO 27001:2013 ISMS

In addition to consulting (online & onsite), we provide following training:

- ISO 27001: 2013 ISMS overview training
- ISO 27001: 2013 ISMS for the SME
- Developing ISMS documentation
- ISMS internal auditor training
- ISMS lead auditor training

Contact us at [info@Sterling.com](mailto:info@Sterling.com) to get your organization  
ISO 27001:2013 ISMS certified.



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Information Security  
Management System  
White Paper



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