

A 3D-style illustration of a blue laptop and a yellow key, positioned on a light blue grid background that resembles a globe. The laptop is open and angled towards the right, and the key is placed below it.

# ISO 27001 INFORMATION SECURITY MANAGEMENT SYSTEM

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In today's knowledge economy, IT systems are crucial to the way in which we conduct business. Few companies could trade without access to electronic information. Therefore, information is an important business asset and any breach to its confidentiality, availability and integrity will have immense impact on an organisation's business standing. Thus, it is critical that any systems holding valuable information need to be protected through the use of an Information Security Management System (ISMS).

An effective ISO 27001 management system can help safeguard site information security, achieve customer satisfaction, business efficiency and minimise business losses whilst creating a positive impact on your company image in the business community and with prospective customers.

## WHAT IS ISO 27001 STANDARD

The ISO 27001 standard provides a framework for implementing an ISMS, safeguarding your information assets while making the process easier to manage, measure, and improve. It helps you address the three dimensions of information security: Confidentiality, Integrity, and Availability. ISO 27001 also specify requirements for the implementation of security controls customised to the needs of individual organisations through establishing, implementing, operating, monitoring, reviewing, maintaining and improving an Information Security Management System (ISMS).

The design and implementation of an organisation's ISMS is influenced by their needs and objectives, security requirements, the processes employed and the size and structure of the organisation. These and their supporting systems are expected to change over time. It is expected that an ISMS implementation will be scaled in accordance with the needs of the organisation.

## PRINCIPLES OF ISO 27001 STANDARD

ISO 27001 defines how to manage information security through a series of information security management. The ISO 27001 standard is based on the Plan-Do-Check-Act methodology that should be continuously implemented in order to minimise risks to the confidentiality, integrity and availability of information. The phases are as following:

**Plan:** Serves to plan the basic organisation of information security, set objectives for information security and choose the appropriate security controls.

**Do:** Implement the planned processes.

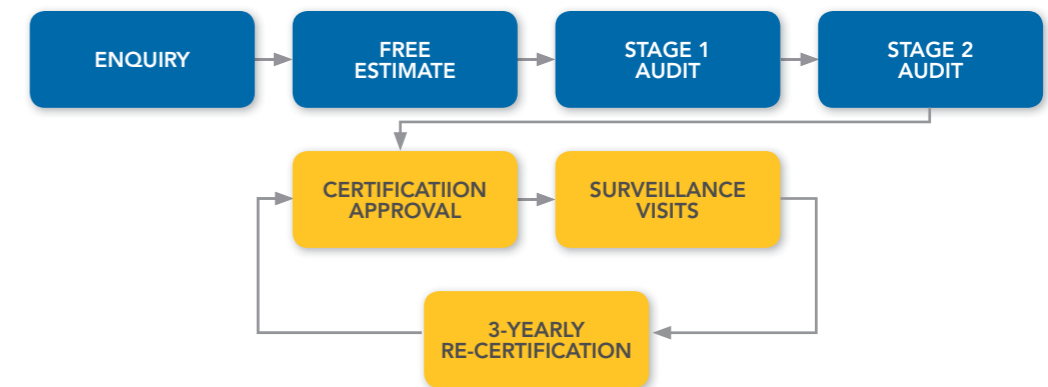
**Check:** Monitor the functioning of the ISMS and measure if the results meet the set objectives.

**Act:** Take action to continually improve effectiveness on things that were identified as non-compliant in the previous phase.

## BENEFITS OF ISO 27001 STANDARD

- Ensure compliance with the legal and regulatory requirements
- Independently verify that your organisational risks are properly identified, assessed and managed, while formalising information security processes, procedures and documentation
- Continually monitor your organisation's performance
- Demonstrate your commitment to implement high level of security and adherence to information security towards company's stakeholders

## YOUR ROUTE TO CERTIFICATION



## SERVICE TAILORED TO YOUR BUSINESS

At DAS, we provide a certification service to satisfy your business by:

- Programming audit dates to suit your business requirements;
- Matching auditor skills to your company, products, processes and services;
- Utilising our own independently certified ISO 27001 Information Security Management System Auditors and Technical Specialists;
- Applying an open-book approach to auditing; and
- Identifying the areas within the ISO 27001 Information Security Management System that add most value to your organisation.

## WHY DAS ?

At DAS, we believe in certification service with a partnership approach. Building and sustaining a positive and supportive relationship with our clients is at the heart of our working principle.

With a team of highly competent system auditors, we provide the confidence that organisations are seeking, implementing a framework by taking a systematic approach to manage their business processes while meeting customer and regulatory requirements.

“...it can help minimise your liability, improve business efficiency and achieve cost savings...”