



INSTITUTE FOR ACCREDITATION
OF THE REPUBLIC OF NORTH MACEDONIA



**Accreditation:
ISO 27001
Information Security
Management Systems**

What is information and what are information security systems?

Data can be transformed into something that has meaning, worth, or relevance to create information. Business information is data that has relevance, value, or meaning for your company. Any reports, spreadsheets, analytics, regulatory reporting, websites, publications, dashboards, etc. that meet the criteria for having relevance, value, or meaning to your organisation would be included. Even groupings of data sources might constitute business information. For instance, your data warehouse qualifies as business information because it integrates your data to produce useful information. Information can be kept and safeguarded in a variety of ways, including by implementing cyber security systems, up to date management systems and precautionary regulations.

It is crucial to note that information security does not imply cyber security only. It is cyber security that is a part of the entire information security system. Cyber security and other measures are applied in order to increase overall information security. However, one must understand the importance of applying measures and regulations that will control and protect the knowledge of the personnel from leakage.

Who is ISO 27001 for?

The requirements of ISO 27001 are generic and are intended to be applicable to all organisations (or parts of an organisation), regardless of type, size, and nature of activity.

The standard is flexible and can be adapted to a wide range of organisations, including:

- Large organisations
- Small & medium-sized enterprises (SMEs)
- Public and private sector organisations
- Non-governmental organisations (NGOs).

The standard can be used by organisations in any country.

The benefits of this standard have persuaded businesses across all economic sectors (all types of services and manufacturing as well as the primary sector; private, public, and non-profit organisations), even though information technology (IT) is the industry with the greatest number (almost a fifth of all valid certificates to ISO/IEC 27001 as per the ISO Survey 2021). Especially nowadays almost all companies are prone to cyber-attacks, data theft and data leakage. All of these liabilities are a huge risk for the longevity of the companies.

What does ISO 27001 address?

Companies of every size and from all industries can use the ISO/IEC 27001 standard as a guide for creating, implementing, maintaining, and continuously improving an information security management system.

A corporation or organisation is said to be in compliance with ISO/IEC 27001 if it has implemented a system to manage risks relating to the security of data that it owns or handles, and that system adheres to all the best practices and guiding principles outlined in this International Standard.

How will the standard benefit an organisation?

According to the ISO organisation, ISO/IEC 27001 is currently the world's best standard for information security management systems. Implementing the information security framework specified in the ISO/IEC 27001 standard helps you:

- Reduce your vulnerability to the growing threat of cyber-attacks
- Respond to evolving security risks
- Ensure that assets such as financial statements, intellectual property, employee data and information entrusted by third parties remain undamaged, confidential, and available as needed
- Provide a centrally managed framework that secures all information in one place
- Prepare people, processes and technology throughout your organisation to face technology-based risks and other threats
- Secure information in all forms, including paper-based, cloud-based and digital data
- Save money by increasing efficiency and reducing expenses for ineffective defence technology.

Why use an accredited certification body?

Accredited certification bodies are impartial third parties independent of the target of certification, and they must have the competence specified in international standards and other prerequisites for their operations. In most cases, certification is a voluntary procedure that can be used to demonstrate that the certified target complies with the requirements imposed on it. Certification can also be used to demonstrate compliance with legislative requirements, including those in directives or EU regulations.

The certification body audits whether the system complies with the certification requirements. Based on the audit results, the certification body issues a certificate in which it confirms that the management system meets the specified requirements. The certification is valid for a period of three years, after which time a recertification can be performed. The maintenance of the certification includes annually surveillance procedures to be performed during the validity of the certification.





How does the Institute for Accreditation of the Republic of North Macedonia support ISO 27001 certification?

- The Institute for Accreditation of the Republic of North Macedonia (IARNM) is the only national accreditation body and works to introduce and promote the accreditation system and bring it closer to the economy and citizens as end users.
- The Institute also works actively in the field of international recognition. Namely the Institute is maintaining the signatory status of the three most significant international agreements for mutual recognition of the results of accredited activities, the agreement with the European Accreditation Organization (EA-MLA), the agreement with the International Organization for Accreditation of Laboratories (ILAC-MRA) and the agreement with the International Accreditation Forum (IAF-MLA).
- The main goal of the Institute is to ensure the equality of domestic accredited bodies with others around the world, and to open the doors for domestic products and services for smooth and reliable placement on the European and world markets. As a result of the accreditation process, consumers and companies gain confidence in the reliability, quality and safety of use of the products and services they use in their daily life and work.
- The Institute for Accreditation of the Republic of North Macedonia recognized the needs of interested parties for accredited certification of Information Security Management Systems (ISO/IEC 27001).
- The Institute for Accreditation of the Republic of North Macedonia is in the process of extension of accreditation activities with development and introduction of the accreditation of Information Security Management Systems (ISMS) certification bodies.

Sources:

<https://www.iso.org/standard/27001>

<https://www.britannica.com/topic/information-system>



INSTITUTE FOR ACCREDITATION
OF THE REPUBLIC OF NORTH MACEDONIA

Phone: ++389 2 3293 080
E-mail: info@iarm.gov.mk
Website: www.iarm.gov.mk

Kej Dimitar Vlahov No. 4
building 2, floor 3
Skopje 1000, R.N.Macedonia