

# ISO/IEC 27001:2005

## What is ISO/IEC 27001:2005?

The **ISO/IEC 27001:2005** is an international standard aimed at implementing an Information Security Management System (**ISMS**) aligned with the company's business requirements.

It addresses the risks related to the organizational, technical, and legal aspects of security, in order to provide a complete framework for implementing a structured governance process, in compliance with internationally recognized best practices.

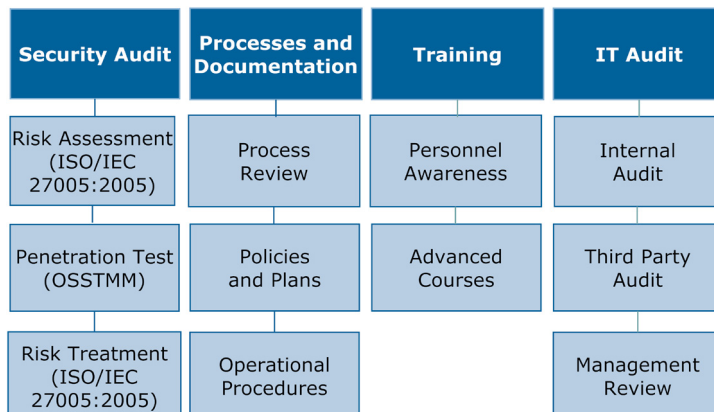
Briefly, the ISMS is based on an initial risk assessment and on the following deployment of remediation strategies, aimed at reducing the identified risks within an acceptable threshold.

## @ Mediaservice.net's offer

Thanks to its ten-year experience in the security field, @ Mediaservice.net has developed a **complete** offer aimed at supporting any kind of Client with the implementation of an effective information security management strategy. Such offer covers all security, legal, and business requirements and allows to face any information security problem.

This approach to continuous security improvement can be tailored to different needs and its compliance with ISO/IEC 27001:2005 can be formally certified.

The offer covers various operational areas, as outlined in the following diagram:



## ISO/IEC 27001:2005

This standard defines a PDCA (Plan-Do-Check-Act) cyclic process for the Information Security Governance. The main areas that are covered by the regulation are:

- Security policies
- Organization
- Asset management
- Personnel training
- Physical security
- Security of operations and communications
- Access control
- Development process security
- Incident handling and continuity management
- Compliance

## Purposes

Implementation of an Information Security Management System defining adequate security controls, in order to assure protection of critical assets and promote trust.

## Advantages

### Organization

Implementation of a structured Information Security Management System based on the best international standards.

### Reputation

Improvement of the security posture, in order to protect the company's image.

### Control

Rationalization of the security processes through the implementation of international standards.

## Methodology

The consulting service described above can be tailored to different Clients, depending on the maturity of the processes they have put in place. Thanks to its broad experience in the field, @ Mediaservice.net can either start from scratch or optimize already existing and consolidated processes.

Furthermore, the level of detail can also be adjusted, depending on the Client's security needs and on the size of the scope defined for the ISMS. Such scope can be expanded with time.

## Operational references

The main reference is the ISO/IEC 27001:2005 standard, together with related guidelines such as ISO/IEC 27002:2005, 27005:2008, and others currently in development. As lead contributor to these standards in Italy, @ Mediaservice.net can provide complete and always up-to-date consulting solutions.

## Optional services

@ Mediaservice.net recommends, as an opportunity to optimize and broaden the relevance of the results provided by the described service, the following additional options:

- *Contracts review* – analysis of the technological and legal security requirements within contracts in place with clients and service providers;
- *COBIT compliance* – integration within the ISMS of IT processes, activities, controls, and performance indicators defined by the COBIT framework;
- *ITIL compliance* – integration within the ISMS of IT processes and subprocesses defined by the ITIL specification and related to information security management.

## Market sectors

@ Mediaservice.net successfully provides its consulting services to various market sectors. The following real examples of in-field experiences have been anonymized:

<b>Finance</b>	Support in multiple certification processes for national banks.
<b>Transportation</b>	Implementation of an Information Security Management System for an airline company
<b>Services</b>	Implementation of an Information Security Management System for a software house

## References and Partnerships

@ Mediaservice.net, thanks to its ten-year experience in the security field, can support the realization of any project in a unique way, based on internationally recognized standards and methodologies, such as:

- ISO/IEC 27001
- OSSTMM
- OWASP
- ITIL
- COBIT

Furthermore @ Mediaservice.net boasts the knowledge acquired through strategic partnerships with national and international professional associations and expertise centers

