
**Information technology — Security
techniques — Information security
management systems — Overview and
vocabulary**

*Technologies de l'information — Techniques de sécurité — Systèmes
de gestion de la sécurité des informations — Vue d'ensemble et
vocabulaire*

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Contents

Page

| | |
|--|-----------|
| Foreword | iv |
| 0 Introduction | v |
| 1 Scope | 1 |
| 2 Terms and definitions | 1 |
| 3 Information security management systems | 6 |
| 3.1 Introduction | 6 |
| 3.2 What is an ISMS? | 7 |
| 3.3 Process approach..... | 8 |
| 3.4 Why an ISMS is important..... | 9 |
| 3.5 Establishing, monitoring, maintaining and improving an ISMS | 10 |
| 3.6 ISMS critical success factors | 11 |
| 3.7 Benefits of the ISMS family of standards | 11 |
| 4 ISMS family of standards | 12 |
| 4.1 General information..... | 12 |
| 4.2 Standards describing an overview and terminology | 13 |
| 4.3 Standards specifying requirements..... | 13 |
| 4.4 Standards describing general guidelines | 14 |
| 4.5 Standards describing sector-specific guidelines..... | 15 |
| Annex A (informative) Verbal forms for the expression of provisions | 16 |
| Annex B (informative) Categorized terms | 17 |
| Bibliography | 19 |

Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

ISO/IEC 27000 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 27, *IT Security techniques*.

0 Introduction

0.1 Overview

International Standards for management systems provide a model to follow in setting up and operating a management system. This model incorporates the features on which experts in the field have reached a consensus as being the international state of the art. ISO/IEC JTC 1 SC 27 maintains an expert committee dedicated to the development of international management systems standards for information security, otherwise known as the Information Security Management System (ISMS) family of standards.

Through the use of the ISMS family of standards, organizations can develop and implement a framework for managing the security of their information assets and prepare for an independent assessment of their ISMS applied to the protection of information, such as financial information, intellectual property, and employee details, or information entrusted to them by customers or third parties.

0.2 ISMS family of standards

The ISMS family of standards¹⁾ is intended to assist organizations of all types and sizes to implement and operate an ISMS. The ISMS family of standards consists of the following International Standards, under the general title *Information technology — Security techniques*:

- ISO/IEC 27000:2009, *Information security management systems — Overview and vocabulary*
- ISO/IEC 27001:2005, *Information security management systems — Requirements*
- ISO/IEC 27002:2005, *Code of practice for information security management*
- ISO/IEC 27003, *Information security management system implementation guidance*
- ISO/IEC 27004, *Information security management — Measurement*
- ISO/IEC 27005:2008, *Information security risk management*
- ISO/IEC 27006:2007, *Requirements for bodies providing audit and certification of information security management systems*
- ISO/IEC 27007, *Guidelines for information security management systems auditing*
- ISO/IEC 27011, *Information security management guidelines for telecommunications organizations based on ISO/IEC 27002*

NOTE The general title “*Information technology — Security techniques*” indicates that these standards were prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 27, *IT Security techniques*.

International Standards not under the same general title that are also part of the ISMS family of standards are as follows:

- ISO 27799:2008, *Health informatics — Information security management in health using ISO/IEC 27002*

1) Standards identified throughout this subclause with no release year indicated are still under development.