

STN	Informačné technológie Bezpečnostné metódy Manažérstvo informačnej bezpečnosti medzisektorovej a medzioorganizačnej komunikácie	STN ISO/IEC 27010 97 4127
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Information technology
Security techniques
Information security management for inter-sector and inter-organizational communications

Technologies de l'information
Techniques de sécurité
Gestion de la sécurité de l'information des communications intersectorielles et interorganisationnelles

Táto norma obsahuje anglickú verziu ISO/IEC 27010: 2015.

This standard includes the English version of ISO/IEC 27010: 2015.

134547

Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2022
Slovenská technická norma a technická normalizačná informácia je chránená zákonom č. 60/2018 Z. z. o technickej normalizácii.

Anotácia

Táto medzinárodná norma poskytuje opatrenia a návody, ktoré sa špecificky týkajú iniciovania, implementácie, udržiavania a zlepšovania informačnej bezpečnosti v medziorganizačných a medzisektorových komunikáciách. Poskytuje usmernenia a všeobecné zásady o tom, ako možno splniť špecifikované požiadavky pomocou zavedených metód zasielania správ a iných technických metód.

Táto medzinárodná norma je použiteľná pre všetky formy výmeny a zdieľania citlivých informácií, verejných aj súkromných, na národnej a medzinárodnej úrovni, v rámci toho istého odvetvia alebo sektora trhu alebo medzi sektormi. Môže sa použiť najmä na výmenu informácií a zdieľanie týkajúce sa poskytovania, údržby a ochrany kritickej infraštruktúry organizácie alebo národného štátu. Je navrhnutá tak, aby podporovala vytváranie dôvery pri výmene a zdieľaní citlivých informácií, čím podporuje medzinárodný rast komunit zdieľajúcich informácie.

Národný predhovor

Normatívne referenčné dokumenty

Nasledujúce dokumenty, celé alebo ich časti, sú v tomto dokumente normatívnymi odkazmi a sú nevyhnutné pri jeho používaní. Pri datovaných odkazoch sa použije len citované vydanie. Pri nedatovaných odkazoch sa použije najnovšie vydanie citovaného dokumentu (vrátane všetkých zmien).

POZNÁMKA 1. – Ak bola medzinárodná publikácia zmenená spoločnými modifikáciami, čo je indikované označením (mod), použije sa príslušná EN/HD.

POZNÁMKA 2. – Aktuálne informácie o platných a zrušených STN možno získať na webovej stránke www.unms.sk.

ISO/IEC 27000: 2014 nahradená ISO/IEC 27000: 2016, ktorú nahradila ISO/IEC 27000: 2018 zavedená v STN EN ISO/IEC 27000: 2020 Informačné technológie. Bezpečnostné metódy. Systémy riadenia informačnej bezpečnosti. Prehľad a slovník (ISO/IEC 27000: 2018) (36 9789)

ISO/IEC 27001: 2013 zavedená v STN EN ISO/IEC 27001: 2019 Informačné technológie. Bezpečnostné metódy. Systémy riadenia informačnej bezpečnosti. Požiadavky (ISO/IEC 27001: 2013 vrátane Cor. 1: 2014 a Cor. 2: 2015) (36 9789)

ISO/IEC 27002: 2013 zavedená v STN EN ISO/IEC 27002: 2019 Informačné technológie. Bezpečnostné metódy. Pravidlá dobrej praxe riadenia informačnej bezpečnosti (ISO/IEC 27002: 2013 vrátane Cor. 1: 2014 a Cor. 2: 2015) (36 9784)

Vypracovanie normy

Spracovateľ: Úrad pre normalizáciu, metrológiu a skúšobníctvo SR, Bratislava

Technická komisia: TK 37 Informačné technológie

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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/IEC JTC 1, *Information technology*, SC 27, *IT Security techniques*.

This second edition cancels and replaces the first edition (ISO/IEC 27010:2012), which has been revised for compatibility with ISO/IEC 27001:2013 and ISO/IEC 27002:2013.

Introduction

This International Standard is a sector-specific supplement to ISO/IEC 27001:2013 and ISO/IEC 27002:2013 for use by information sharing communities. The guidelines contained within this International Standard are in addition to, and complement, the generic guidance given within other members of the ISO/IEC 27000 family of standards.

ISO/IEC 27001:2013 and ISO/IEC 27002:2013 address information exchange between organizations, but they do so in a generic manner. When organizations wish to communicate sensitive information to multiple other organizations, the originator must have confidence that its use in those other organizations will be subject to adequate security controls implemented by the receiving organizations. This can be achieved through the establishment of an information sharing community, where each member trusts the other members to protect the shared information, even though the organizations may otherwise be in competition with each other.

An information sharing community cannot work without trust. Those providing information must be able to trust the recipients not to disclose or to act upon the data inappropriately. Those receiving information must be able to trust that information is accurate, subject to any qualifications notified by the originator. Both aspects are important, and must be supported by demonstrably effective security policies and the use of good practice. To achieve this, the community members must all implement a common management system covering the security of the shared information. This is an information security management system (ISMS) for the information sharing community.

In addition, information sharing can take place between information sharing communities where not all recipients will be known to the originator. This will only work if there is adequate trust between the communities and their information sharing agreements. It is particularly relevant to the sharing of sensitive information between diverse communities, such as different industry or market sectors.

Information technology — Security techniques — Information security management for inter-sector and inter-organizational communications

1 Scope

This International Standard provides guidelines in addition to the guidance given in the ISO/IEC 27000 family of standards for implementing information security management within information sharing communities.

This International Standard provides controls and guidance specifically relating to initiating, implementing, maintaining, and improving information security in inter-organizational and inter-sector communications. It provides guidelines and general principles on how the specified requirements can be met using established messaging and other technical methods.

This International Standard is applicable to all forms of exchange and sharing of sensitive information, both public and private, nationally and internationally, within the same industry or market sector or between sectors. In particular, it may be applicable to information exchanges and sharing relating to the provision, maintenance and protection of an organization's or nation state's critical infrastructure. It is designed to support the creation of trust when exchanging and sharing sensitive information, thereby encouraging the international growth of information sharing communities.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/IEC 27000:2014, *Information technology — Security techniques — Information security management systems — Overview and vocabulary*

ISO/IEC 27001:2013, *Information technology — Security techniques — Information security management systems — Requirements*

ISO/IEC 27002:2013, *Information technology — Security techniques — Code of practice for information security controls*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN