

SLOVENSKI STANDARD

SIST EN ISO/IEC 15408-1:2026

01-oktober-2026

Nadomešča:

SIST EN ISO/IEC 15408-1:2024

Informacijska varnost, kibernetika varnost in varstvo zasebnosti - Merila za vrednotenje varnosti IT - 1. del: Uvod in splošni model (ISO/IEC 15408-1:2026)

Information security, cybersecurity and privacy protection - Evaluation criteria for IT security - Part 1: Introduction and general model (ISO/IEC 15408-1:2026)

Informationssicherheit, Cybersicherheit und Schutz der Privatsphäre - Evaluationskriterien für IT-Sicherheit - Teil 1: Einführung und allgemeines Modell (ISO/IEC 15408-1:2026)

Sécurité de l'information, cybersécurité et protection de la vie privée - Critères d'évaluation pour la sécurité des technologies de l'information - Partie 1: Introduction et modèle général (ISO/IEC 15408-1:2026)

Ta slovenski standard je istoveten z: EN ISO/IEC 15408-1:2026

ICS:

35.030	Informacijska varnost	IT Security
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EUROPEAN STANDARD

EN ISO/IEC 15408-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2026

ICS 35.030

Supersedes EN ISO/IEC 15408-1:2023

English version

**Information security, cybersecurity and privacy protection
- Evaluation criteria for IT security - Part 1: Introduction
and general model (ISO/IEC 15408-1:2026)**

Sécurité de l'information, cybersécurité et protection
de la vie privée - Critères d'évaluation pour la sécurité
des technologies de l'information - Partie 1:
Introduction et modèle général (ISO/IEC 15408-
1:2026)

Informationssicherheit, Cybersicherheit und Schutz
der Privatsphäre - Evaluationskriterien für IT-
Sicherheit - Teil 1: Einführung und allgemeines Modell
(ISO/IEC 15408-1:2026)

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EN ISO/IEC 15408-1:2026 (E)

Contents	Page
European foreword.....	3

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European foreword

This document (EN ISO/IEC 15408-1:2026) has been prepared by Technical Committee ISO/IEC JTC 1 "Information technology" in collaboration with Technical Committee CEN-CENELEC/ JTC 13 "Cybersecurity and Data Protection" the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 2026, and conflicting national standards shall be withdrawn at the latest by November 2026.

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**International
Standard**

ISO/IEC 15408-1

**Information security, cybersecurity
and privacy protection —
Evaluation criteria for IT security —**

**Part 1:
Introduction and general model**

*Sécurité de l'information, cybersécurité et protection de la vie
privée — Critères d'évaluation pour la sécurité des technologies
de l'information —*

Partie 1: Introduction et modèle général

**Fifth edition
2026-05**

ISO/IEC 15408-1:2026(en)

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Published in Switzerland

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ISO/IEC 15408-1:2026(en)

Contents

Page

Foreword	vi
Introduction	vii
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Abbreviated terms	13
5 Overview	14
5.1 General	14
5.2 ISO/IEC 15408 series audience	14
5.2.1 General	14
5.2.2 Consumers (Risk owners)	14
5.2.3 Developers	14
5.2.4 Technical working groups	15
5.2.5 Evaluators	15
5.2.6 Others	15
5.3 Target of evaluation (TOE)	17
5.3.1 General	17
5.3.2 TOE boundaries	18
5.3.3 Different representations of the TOE	18
5.3.4 Different configurations of the TOE	18
5.3.5 Operational environment of the TOE	19
5.4 Presentation of material in this document	19
6 General model	19
6.1 Background	19
6.2 Assets and security controls	20
6.3 Core constructs of the paradigm of the ISO/IEC 15408 series	22
6.3.1 General	22
6.3.2 Conformance types	23
6.3.3 Communicating security requirements	23
6.3.4 Meeting the needs of consumers (risk owners)	26
7 Specifying security requirements	27
7.1 Security problem definition (SPD)	27
7.1.1 General	27
7.1.2 Threats	27
7.1.3 Organizational security policies (OSPs)	28
7.1.4 Assumptions	28
7.2 Security objectives	29
7.2.1 General	29
7.2.2 Security objectives for the TOE	29
7.2.3 Security objectives for the operational environment	29
7.2.4 Relation between security objectives and the SPD	30
7.2.5 Tracing between security objectives and the SPD	30
7.2.6 Providing a justification for the tracing	31
7.2.7 On countering threats	31
7.2.8 Security objectives: conclusion	31
7.3 Security requirements	31
7.3.1 General	31
7.3.2 Security Functional Requirements (SFRs)	32
7.3.3 Security assurance requirements (SARs)	34
7.3.4 Security requirements: conclusion	35
8 Security components	36
8.1 Hierarchical structure of security components	36

ISO/IEC 15408-1:2026(en)

8.1.1	General	36
8.1.2	Class	36
8.1.3	Family	36
8.1.4	Component	36
8.1.5	Element	36
8.2	Operations	37
8.2.1	General	37
8.2.2	Iteration	37
8.2.3	Assignment	38
8.2.4	Selection	39
8.2.5	Refinement	40
8.3	Dependencies between components	41
8.4	Extended components	42
8.4.1	General	42
8.4.2	Defining extended components	42
9	Packages	43
9.1	General	43
9.2	Package types	44
9.2.1	General	44
9.2.2	Assurance packages	44
9.2.3	Functional packages	44
9.3	Package dependencies	45
9.4	Evaluation method(s) and activities	45
10	Protection Profiles (PPs)	45
10.1	General	45
10.2	PP introduction	46
10.3	Conformance claims and conformance statements	46
10.4	Security assurance requirements (SARs)	48
10.5	Additional requirements common to strict and demonstrable conformance	49
10.5.1	Conformance claims and conformance statements	49
10.5.2	Security problem definition (SPD)	49
10.5.3	Security objectives	49
10.6	Additional requirements specific to strict conformance	49
10.6.1	Requirements for the security problem definition (SPD)	49
10.6.2	Requirements for the security objectives	50
10.6.3	Requirements for the security requirements	50
10.7	Additional requirements specific to demonstrable conformance	50
10.8	Additional requirements specific to exact conformance	50
10.8.1	General	50
10.8.2	Conformance claims and conformance statements	51
10.9	Using PPs	51
10.10	Conformance statements and claims in the case of multiple PPs	52
10.10.1	General	52
10.10.2	Where strict or demonstrable conformance is specified	52
10.10.3	Where exact conformance is specified	52
11	Modular requirements construction	52
11.1	General	52
11.2	PP-Modules	52
11.2.1	General	52
11.2.2	PP-Module Base	53
11.2.3	Requirements for PP-Modules	53
11.3	PP-Configurations	56
11.3.1	General	56
11.3.2	Requirements for PP-Configurations	57
11.3.3	Usage of PP-Configurations	62
12	Security Targets (STs)	65
12.1	General	65

ISO/IEC 15408-1:2026(en)

12.2	Conformance claims and conformance statements.....	66
12.3	Assurance requirements	68
12.4	Additional requirements in the exact conformance case.....	69
12.4.1	Additional requirements for the conformance claim	69
12.4.2	Additional requirements for the SPD	69
12.4.3	Additional requirements for the security objectives.....	69
12.4.4	Additional requirements for the security requirements	69
12.5	Additional requirements in the multi-assurance case.....	70
13	Evaluation and evaluation results	71
13.1	General.....	71
13.2	Evaluation context	73
13.3	Evaluation of PPs and PP-Configurations.....	73
13.4	Evaluation of STs.....	74
13.5	Evaluation of TOEs.....	74
13.6	Evaluation methods and evaluation activities.....	75
13.7	Evaluation results.....	75
13.7.1	Results of a PP evaluation	75
13.7.2	Results of a PP-Configuration evaluation	75
13.7.3	Results of an ST/TOE evaluation.....	75
13.8	Multi-assurance evaluation.....	76
14	Composition of assurance	77
14.1	General.....	77
14.2	Composition models	77
14.2.1	Layered composition model	77
14.2.2	Network or bi-directional composition model.....	78
14.2.3	Embedded composition model.....	79
14.3	Evaluation techniques for providing assurance in composition models.....	79
14.3.1	General	79
14.3.2	ACO class for composed TOEs.....	80
14.3.3	Composite evaluation for composite products.....	80
14.4	Requirements for evaluations using composition techniques.....	91
14.4.1	Re-use of evaluation results.....	91
14.4.2	Composition evaluation issues	92
14.5	Evaluation by composition and multi-assurance.....	93
	Annex A (normative) Specification of packages.....	94
	Annex B (normative) Specification of Protection Profiles (PPs).....	98
	Annex C (normative) Specification of PP-Modules and PP-Configurations.....	107
	Annex D (normative) Specification of Security Targets (STs) and direct rationale STs	121
	Annex E (normative) PP/PP-Configuration conformance.....	132
	Bibliography	137

ISO/IEC 15408-1:2026(en)

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.

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 or www.iec.ch/members_experts/refdocs).

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This document was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 27, *Information security, cybersecurity and privacy protection*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/CLC/JTC 13, *Cybersecurity and data protection*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This fifth edition cancels and replaces the fourth edition (ISO/IEC 15408-1:2022), which has been technically revised.

The main changes are as follows:

- the terminology has been reviewed and updated;
- the package conformance claim for Security Targets, Protection Profiles and PP-Modules, respectively, has been reviewed and aligned with ISO/IEC 18045;
- the specification of multiple PP-Modules Bases has been improved for accuracy;
- corrections of mistakes.

A list of all parts in the ISO/IEC 15408 series can be found on the ISO and IEC websites.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html and www.iec.ch/national-committees.

ISO/IEC 15408-1:2026(en)

Introduction

The ISO/IEC 15408 series permits comparability between the results of independent security evaluations by providing a common set of requirements for the security functionality of IT products and for assurance measures applied to these IT products during a security evaluation. These IT products may be implemented in hardware, firmware, or software.

The evaluation process establishes a level of confidence that the security functionality of these IT products and the assurance applied to these IT products meet relevant requirements.

The evaluation results can help consumers to determine whether these IT products fulfil their security needs.

The ISO/IEC 15408 series is useful as a guide for the development, evaluation or procurement of IT products with security functionality.

The ISO/IEC 15408 series is intentionally flexible, enabling a range of evaluation approaches to be applied to a range of security properties of a range of IT products. Therefore, users of this document are recommended to ensure that this flexibility is not misused. For example, using the ISO/IEC 15408 series in conjunction with unsuitable evaluation methods/activities, irrelevant security properties, or inappropriate IT products, can result in meaningless evaluation results.

Consequently, the fact that an IT product has been evaluated has meaning only in the context of the security properties that were evaluated and the evaluation methods that were used. Evaluation authorities are advised to carefully check the products, properties, and methods to determine that an evaluation provides meaningful results. Additionally, purchasers of evaluated products are advised to carefully consider this context to determine whether the evaluated product is useful and applicable to their specific situation and needs.

The ISO/IEC 15408 series addresses the protection of assets from unauthorized disclosure, modification, or loss of use. The categories of protection relating to these three types of failure of security are commonly called confidentiality, integrity and availability. The ISO/IEC 15408 series can also be applicable to aspects of IT security outside of these three categories. The ISO/IEC 15408 series is applicable to risks arising from human activities (malicious or otherwise) and to risks arising from non-human activities. The ISO/IEC 15408 series may be applied in other areas of IT but makes no claim of applicability in these areas.

The ISO/IEC 15408 series is presented as a set of distinct but related parts as identified below.

- a) ISO/IEC 15408-1 is the introduction to the ISO/IEC 15408 series. It defines the general concepts and principles of IT security evaluation and presents a general model of evaluation.
- b) ISO/IEC 15408-2 establishes a set of functional components that serve as standard templates upon which security functional requirements (SFRs) for Target of Evaluations (TOEs) are based. ISO/IEC 15408-2 catalogues the set of security functional components and organizes them into families and classes.
- c) ISO/IEC 15408-3 establishes a set of assurance components that serve as standard templates upon which security assurance requirements for TOEs are based. ISO/IEC 15408-3 catalogues the set of security assurance components and organizes them into families and classes. ISO/IEC 15408-3 also defines evaluation criteria for PPs, STs and TOEs.
- d) ISO/IEC 15408-4 provides a standardized framework for the specification of evaluation methods and activities that may be included in PPs, STs and any documents supporting them, to be used by evaluators in support of evaluations using the model described in the other parts of the ISO/IEC 15408 series. ISO/IEC 18045 is fundamental to ISO/IEC 15408-4.
- e) ISO/IEC 15408-5 provides packages of security assurance and SFRs that have been identified as useful in support of common usage by stakeholders. Examples of provided packages include the evaluation assurance levels (EAL) and the composed assurance packages (CAPs).

NOTE 1 ISO/IEC 18045 provides the baseline methodology for IT security evaluations performed in accordance with the ISO/IEC 15408 series.

ISO/IEC 15408-1:2026(en)

Certain topics, which involve specialized techniques or are somewhat peripheral to IT security, are considered to be outside the scope of the ISO/IEC 15408 series. The following list of topics are not covered by the ISO/IEC 15408 series:

- f) security evaluation criteria pertaining to administrative security measures not related directly to the IT security functionality. However, it is recognized that significant security can often be achieved through or supported by administrative measures such as organizational, personnel, physical, and procedural controls;
 - g) the evaluation methodology under which the criteria should be applied;
- NOTE 2 The baseline methodology is defined in ISO/IEC 18045. ISO/IEC 15408-4 can be used to further derive evaluation activities and methods from ISO/IEC 18045.
- h) administrative and legal framework under which the criteria can be applied by evaluation authorities. However, it is expected that the ISO/IEC 15408 series is intended to be used for evaluation purposes in the context of such a framework;
 - i) the procedures for use of evaluation results in accreditation. Accreditation is the administrative process whereby authority is granted for the operation of an IT product (or collection thereof) in its full operational environment including all of its non-IT parts. The results of the evaluation process are an input to the accreditation process. However, as other techniques are more appropriate for the assessments of non-IT related properties and their relationship to the IT security parts, accreditors shall make separate provisions for those aspects;
 - j) the subject of criteria for the assessment of the inherent qualities of cryptographic algorithms. In the case that independent assessment of mathematical properties of cryptography is required, the evaluation scheme under which the ISO/IEC 15408 series is applied can make provision for such assessments.

This document introduces:

- the key concepts of Protection Profiles (PP), PP-Modules, PP-Configurations, packages, Security Targets (ST), and conformance types;
- a description of the organization of security components throughout the model;
- the various operations by which the functional and assurance components given in ISO/IEC 15408-2 and ISO/IEC 15408-3 can be tailored through the use of permitted operations;
- general information about the evaluation methods given in ISO/IEC 18045;
- guidance for the application of ISO/IEC 15408-4 in order to develop evaluation methods (EM) and evaluation activities (EA) derived from ISO/IEC 18045;
- general information about the pre-defined Evaluation Assurance Levels (EALs) defined in ISO/IEC 15408-5;
- information regarding the scope of evaluation schemes.

The following text appears in other parts of the ISO/IEC 15408 series and in ISO/IEC 18045 to describe the use of bold and italic type in those documents. This document may use those conventions only in examples, but the notes have been retained for alignment with the rest of the series.

Bold type is used to highlight hierarchical relationships between requirements. This convention calls for the use of bold type for all new requirements.

For security functional requirements, the use of italics denotes assignment and selection items.

For security assurance requirements, special verbs relating to mandatory evaluation activities are presented in bold italic type face.

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