



**SLOVENSKI STANDARD**  
**SIST EN ISO 24096-2:2024**

**01-november-2024**

---

**Tehnična dokumentacija proizvodov (TDP) - Razvrščanje zahtev - 2. del:  
Razvrščanje po težavnosti in občutljivosti (ISO 24096-2:2024)**

Technical product documentation (TPD) - Classification of requirements - Part 2:  
Classification based on severity and susceptibility (ISO 24096-2:2024)

Technische Produktdokumentation (TPD) - Klassifizierung von Anforderungen - Teil 2:  
Klassifizierung nach Schweregrad und Empfindlichkeit (ISO 24096-2:2024)

Documentation technique de produits (TPD) - Classification des exigences - Partie 2:  
Classification en fonction de la gravité et de la susceptibilité (ISO 24096-2:2024)

**Ta slovenski standard je istoveten z: EN ISO 24096-2:2024**

[SIST EN ISO 24096-2:2024](https://standards.slovenski-standard.si/standards/sist/75716685-2024-12376015-1440612376015/sist-en-iso-24096-2-2024)

**ICS:**

01.110	Tehnična dokumentacija za izdelke	Technical product documentation
--------	-----------------------------------	---------------------------------

**SIST EN ISO 24096-2:2024**

**en,fr,de**



EUROPEAN STANDARD

EN ISO 24096-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2024

ICS 01.100.01

English Version

## Technical product documentation (TPD) - Classification of requirements - Part 2: Classification based on severity and susceptibility (ISO 24096-2:2024)

Documentation technique de produits (TPD) -  
Classification des exigences - Partie 2: Classification en  
fonction de la gravité et de la susceptibilité (ISO 24096-  
2:2024)

Technische Produktdokumentation (TPD) -  
Klassifizierung von Anforderungen - Teil 2:  
Klassifizierung nach Schweregrad und Empfindlichkeit  
(ISO 24096-2:2024)

This European Standard was approved by CEN on 24 August 2024.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and United Kingdom.

<https://standards.iteh.ai/catalog/standards/sist/79c10c85-20cc-4297-8df5-feab6ba12967/sist-en-iso-24096-2-2024>



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents	Page
European foreword.....	3

**iTeh Standards**  
**(<https://standards.itih.ai>)**  
**Document Preview**

[SIST EN ISO 24096-2:2024](https://standards.itih.ai/catalog/standards/sist/79c10c85-20cc-4297-8df5-feab6ba12967/sist-en-iso-24096-2-2024)

<https://standards.itih.ai/catalog/standards/sist/79c10c85-20cc-4297-8df5-feab6ba12967/sist-en-iso-24096-2-2024>

## European foreword

This document (EN ISO 24096-2:2024) has been prepared by Technical Committee ISO/TC 10 "Technical product documentation" in collaboration with CCMC.

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 March 2025, and conflicting national standards shall be withdrawn at the latest by March 2025.

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

Any feedback and questions on this document should be directed to the users' national standards body/national committee. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

### Endorsement notice

The text of ISO 24096-2:2024 has been approved by CEN as EN ISO 24096-2:2024 without any modification.

[SIST EN ISO 24096-2:2024](https://standards.iteh.ai/catalog/standards/sist/79c10c85-20cc-4297-8df5-feab6ba12967/sist-en-iso-24096-2-2024)

<https://standards.iteh.ai/catalog/standards/sist/79c10c85-20cc-4297-8df5-feab6ba12967/sist-en-iso-24096-2-2024>





**International  
Standard**

**ISO 24096-2**

**Technical product documentation  
(TPD) — Classification of  
requirements —**

**Part 2:  
Classification based on severity and  
susceptibility**

*Documentation technique de produits (TPD) — Classification des  
exigences —*

*Partie 2: Classification en fonction de la gravité et de la  
susceptibilité*

**First edition  
2024-09**

## ISO 24096-2:2024(en)

# iTeh Standards (<https://standards.iteh.ai>) Document Preview

[SIST EN ISO 24096-2:2024](https://standards.iteh.ai/catalog/standards/sist/79c10c85-20cc-4297-8df5-feab6ba12967/sist-en-iso-24096-2-2024)

<https://standards.iteh.ai/catalog/standards/sist/79c10c85-20cc-4297-8df5-feab6ba12967/sist-en-iso-24096-2-2024>



### **COPYRIGHT PROTECTED DOCUMENT**

© ISO 2024

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
CP 401 • Ch. de Blandonnet 8  
CH-1214 Vernier, Geneva  
Phone: +41 22 749 01 11  
Email: [copyright@iso.org](mailto:copyright@iso.org)  
Website: [www.iso.org](http://www.iso.org)

Published in Switzerland



**ISO 24096-2:2024(en)****Contents**

Page

<b>Foreword</b> .....	<b>iv</b>
<b>Introduction</b> .....	<b>v</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 Basic rules</b> .....	<b>2</b>
<b>5 Classification with severity and susceptibility</b> .....	<b>2</b>
5.1 The three steps.....	2
5.1.1 General.....	2
5.1.2 Evaluation of severity.....	3
5.1.3 Evaluation of susceptibility.....	3
5.1.4 Weighing severity and susceptibility together.....	3
5.2 Severity and severity lists.....	4
5.2.1 General.....	4
5.2.2 Severity description.....	4
5.2.3 Severity list.....	5
5.3 Function as the route to severity.....	5
5.3.1 Function description.....	5
5.3.2 Effects of deviating functions.....	5
5.3.3 Final severity.....	6
5.4 Susceptibility and the requirement pyramid.....	6
5.5 Weighing together.....	7
<b>Annex A (informative) Classification examples with severity and susceptibility</b> .....	<b>8</b>
<b>Annex B (informative) Guidance on susceptibility</b> .....	<b>21</b>
<b>Bibliography</b> .....	<b>23</b>

[SIST EN ISO 24096-2:2024](https://standards.iteh.ai/catalog/standards/sist/79c10c85-20cc-4297-8df5-feab6ba12967/sist-en-iso-24096-2-2024)

<https://standards.iteh.ai/catalog/standards/sist/79c10c85-20cc-4297-8df5-feab6ba12967/sist-en-iso-24096-2-2024>

## ISO 24096-2:2024(en)

### Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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 ISO 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](http://www.iso.org/directives)).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at [www.iso.org/patents](http://www.iso.org/patents). ISO shall not be held responsible for identifying any or all such patent rights.

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

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 10, *Technical product documentation*, Subcommittee SC 6, *Mechanical engineering documentation*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/SS F01, *Technical drawings*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

A list of all parts in the ISO 24096 series can be found on the ISO website.

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](http://www.iso.org/members.html).

## ISO 24096-2:2024(en)

### Introduction

This document addresses the classification of requirements. It provides a framework for building a system to enable the classification of requirements and an indication of the classification in the functional specification, FUN-SPEC, to support communication of the consequences of nonconformity to functional requirements. FUN-SPEC (see ISO/TS 21619) is a part of the technical product documentation (TPD). Other approaches than classification of requirements can be state of the art in achieving the objective of securing the end product.

This document has been developed mainly to be implemented within industry, e.g. the automotive and aerospace industries. However, it can also be used in other engineering fields.

Classification of requirements is a tool by which subsequent parties and stakeholders can be informed of the severity of consequences of nonconformity of requirements. This facilitates the guiding of production and quality assurance resources (e.g. purchasing, production planning, control, revision). The classification system relies on established procedures, regulatory framework and contractual agreements for implementation and follow up as present in all modern industry.

There are several examples of industrial stakeholders that deploy their own or partially self-developed system and methodology for classification of requirements. There has previously not been any ISO document that pragmatically describes “what is” and “how to create” a classification system. This series bridges the identified gap and meets the need to describe how to introduce and work with a classification system in an industrial and design context.

Knowledge of the consequences of nonconformity with requirements, and actions taken to resolve the source of the deviation from the given requirements, will have a positive effect on product quality, user safety and economy of the product. Production and inspection resources can then be used where they are most needed.

[Annex A](#) gives classification examples with severity and susceptibility.

[Annex B](#) gives guidance on susceptibility.

<https://standards.iteh.ai/>  
Document Preview

<https://standards.iteh.ai/catalog/standards/sist/79c10c85-20cc-4297-8df5-feab6ba12967/sist-en-iso-24096-2-2024>