SLOVENSKI STANDARD
SIST EN IEC 62541-100:2026

01-maj-2026

Enotna arhitektura OPC - 100. del: Naprave (IEC 62541-100:2025)

OPC unified architecture - Part 100: Devices (IEC 62541-100:2025)

OPC Unified Architecture - Teil 100: Geräteschnittstelle (IEC 62541-100:2025)

Architecture unifiée OPC - Partie 100: Appareils (IEC 62541-100:2025)

Ta slovenski standard je istoveten z: **EN IEC 62541-100:2026**

ICS:

25.040.40	Merjenje in krmiljenje industrijskih postopkov	Industrial process measurement and control
35.240.50	Uporabniške rešitve IT v industriji	IT applications in industry

SIST EN IEC 62541-100:2026 **en,fr,de**

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OPC unified architecture - Part 100: Devices (IEC 62541-100:2025)

Architecture unifiée OPC - Partie 100: Appareils (IEC 62541-100:2025)

OPC Unified Architecture - Teil 100: Geräteschnittstelle (IEC 62541-100:2025)

This European Standard was approved by CENELEC on 2026-01-21. CENELEC 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 CENELEC member.

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

European Committee for Electrotechnical Standardization
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Europäisches Komitee für Elektrotechnische Normung

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European foreword

The text of document 65E/1050/CDV, future edition 2 of IEC 62541-100, prepared by SC 65E "Devices and integration in enterprise systems" of IEC/TC 65 "Industrial-process measurement, control and automation" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62541-100:2026.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2027-02-28
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2029-02-28

This document supersedes EN 62541-100:2015 and all of its amendments and corrigenda (if any).

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

This document has been prepared under a standardization request addressed to CENELEC by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

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

Endorsement notice

The text of the International Standard IEC 62541-100:2025 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 61131-3	NOTE	Approved as EN IEC 61131-3
IEC 61499-1:2012	NOTE	Approved as EN 61499-1:2013 (not modified)
IEC 62541-19	NOTE	Approved as EN IEC 62541-19 to be published
IEC 62591	NOTE	Approved as EN 62591
IEC 62769 (series)	NOTE	Approved as EN IEC 62769 (series)

Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cencenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 62541-1	-	OPC Unified Architecture - Part 1: Overview and concepts	EN IEC 62541-1	-
IEC 62541-3	-	OPC Unified Architecture - Part 3: Address Space Model	EN IEC 62541-3	-
IEC 62541-4	-	OPC unified architecture - Part 4: Services	EN IEC 62541-4	-
IEC 62541-5	-	OPC Unified architecture - Part 5: Information Model	EN IEC 62541-5	-
IEC 62541-6	-	OPC unified architecture - Part 6: Mappings	EN IEC 62541-6	-
IEC 62541-7	-	OPC Unified Architecture - Part 7: Profiles	EN IEC 62541-7	-
IEC 62541-8	-	OPC unified architecture - Part 8: Data access	EN IEC 62541-8	-
IEC 62541-9	-	OPC Unified Architecture - Part 9: Alarms and Conditions	EN IEC 62541-9[1]	-
NAMUR Recommendation NE107	-	Self-monitoring and diagnosis of field devices	-	-

[1] Under preparation. Stage at the time of publication: prEN IEC 62541-9:2024.

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