



SLOVENSKI STANDARD SIST EN IEC 62541-18:2025

01-december-2025

Enotna arhitektura OPC - 18. del: Varnost na podlagi vlog (IEC 62541-18:2025)

OPC unified architecture - Part 18: Role-Based Security (IEC 62541-18:2025)

OPC Unified Architecture – Teil 18: Rollenbasierte IT-Sicherheit (IEC 62541-18:2025)

Architecture unifiée OPC - Partie 18: Sécurité fondée sur les rôles (IEC 62541-18:2025)

Ta slovenski standard je istoveten z: EN IEC 62541-18:2025

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 62541-18:2025

en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 62541-18

October 2025

ICS 25.040

English Version

**OPC unified architecture - Part 18: Role-Based Security
(IEC 62541-18:2025)**

Architecture unifiée OPC - Partie 18: Sécurité fondée sur
les rôles
(IEC 62541-18:2025)

OPC Unified Architecture - Teil 18: Rollenbasierte IT-
Sicherheit
(IEC 62541-18:2025)

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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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<https://standards.iteh.ai/catalog/standards/sist/3eb0d7d6-cc1f-4f78-8bfl-77934d8233c3/sist-en-iec-62541-18-2025>



European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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

EN IEC 62541-18:2025 (E)**European foreword**

The text of document 65E/1043/CDV, future edition 1 of IEC 62541-18, 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 62541-18:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2026-10-31 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2028-10-31 document have to be withdrawn

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Endorsement notice

The text of the International Standard IEC 62541-18:2025 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 62541-5:2020 NOTE Approved as EN IEC 62541-5:2020 (not modified)

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.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62541-1 ¹	-	OPC unified architecture - Part 1: Overview and concepts	EN IEC 62541-1 ²	-
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 62541-8	-	OPC Unified Architecture - Part 8: Data Access	EN IEC 62541-8	-
IEC 62541-12	-	OPC unified architecture - Part 12: Discovery and global services	EN IEC 62541-12	-

¹ Under preparation. Stage at the time of publication: IEC/DIS 62541-1:2024.

² Under preparation. Stage at the time of publication: prEN IEC 62541-1:2024