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**Enotna arhitektura OPC - 22. del: Osnovni model omrežja (IEC 62541-22:2025)**

OPC unified architecture - Part 22: Base network model (IEC 62541-22:2025)

OPC Unified Architecture – Teil 22: Basis-Netzwerk-Modell (IEC 62541-22:2025)

Architecture unifiée OPC - Partie 22: Modèle de réseau de base (IEC 62541-22:2025)

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**SIST EN IEC 62541-22:2026****en,fr,de**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN IEC 62541-22**

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English Version

**OPC unified architecture - Part 22: Base Network Model  
(IEC 62541-22:2025)**

Architecture unifiée OPC - Partie 22: Modèle de réseau de  
base  
(IEC 62541-22:2025)

OPC Unified Architecture - Teil 22: Basis-Netzwerk-Modell  
(IEC 62541-22:2025)

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## EN IEC 62541-22:2026 (E)

### European foreword

The text of document 65E/1047/CDV, future edition 1 of IEC 62541-22, 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 62541-22:2026.

The following dates are fixed:

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- latest date by which the national standards conflicting with the (dow) 2029-02-28 document have to be withdrawn

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## 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](http://www.cencenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62541-1	-	OPC Unified Architecture - Part 1: Overview and concepts	EN IEC 62541-1	-
IEC 62541-5	-	OPC Unified architecture - Part 5: Information Model	EN IEC 62541-5	-
IEC 62541-8	-	OPC unified architecture - Part 8: Data access	EN IEC 62541-8	-
IEEE 802.3	2022	IEEE Standard for Ethernet	-	-
IEEE 802.1Q	2018	IEEE Standard for Local and Metropolitan Area Networks - Bridges and Bridged Networks	-	-
IEEE Std 802.1Qcc	2018	EEE Standard for Local and Metropolitan Area Networks-Bridges and Bridged Networks - Amendment 31: Stream Reservation Protocol (SRP) Enhancements and Performance Improvements	-	-
IETF RFC 2863	-	The Interfaces Group MIB	-	-

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# INTERNATIONAL STANDARD

**OPC unified architecture –  
Part 22: Base Network Model**

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**OPC unified architecture -  
Part 22: Base Network Model**

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IEC 62541-22 has been prepared by subcommittee 65E: Devices and integration in enterprise systems, of IEC technical committee 65: Industrial-process measurement, control and automation. It is an International Standard.

The text of this International Standard is based on the following documents:

Draft	Report on voting
65E/1047/CDV	65E/1104/RVC

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

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This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/publications](http://www.iec.ch/publications).

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*Italics* are used to denote a defined term or definition that appears in the "Terms and definitions" clause in one of the parts of the series.

*Italics* are also used to denote the name of a service input or output parameter or the name of a structure or element of a structure that are usually defined in tables.

The *italicized terms* and *names* are also often written in camel-case (the practice of writing compound words or phrases in which the elements are joined without spaces, with each element's initial letter capitalized within the compound). For example, the defined term is *AddressSpace* instead of Address Space. This makes it easier to understand that there is a single definition for *AddressSpace*, not separate definitions for Address and Space.

A list of all parts in the IEC 62541 series, published under the general title *OPC Unified Architecture*, can be found on the IEC website.

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- reconfirmed,
- withdrawn, or
- revised.