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OPC Unified Architecture - Part 11: Historical Access

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NATIONAL FOREWORD

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ICS 25.040.40, 35.100.05

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EN IEC 62541-11

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2020

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Supersedes EN 62541-11:2015 and all of its amendments and corrigenda (if any)

English Version

OPC Unified Architecture - Part 11: Historical Access (IEC 62541-11:2020)

Architecture unifiée OPC - Partie 11: Accès à l'Historique
(IEC 62541-11:2020)

OPC Unified Architecture - Teil 11: Zugang zu historischen
Daten
(IEC 62541-11:2020)

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European foreword

The text of document 65E/710/FDIS, future edition 3 of IEC 62541-11, 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 62541-11:2020.

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) 2021-04-28
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-07-28

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| | | |
|-------------|------|--------------------------|
| IEC 62541-6 | NOTE | Harmonized as EN 62541-6 |
| IEC 62541-7 | NOTE | Harmonized as EN 62541-7 |

Annex A (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/TR 62541-1 | - | OPC unified architecture - Part 1: Overview and concepts | CLC/TR 62541-1 | - |
| IEC 62541-3 | - | OPC Unified Architecture - Part 3: Address Space Model | - | - |
| IEC 62541-4 | - | OPC Unified Architecture - Part 4: Services | - | - |
| IEC 62541-5 | - | OPC Unified Architecture - Part 5: Information Model | - | - |
| IEC 62541-8 | - | OPC Unified Architecture - Part 8: Data Access | EN IEC 62541-8 | - |
| IEC 62541-13 | - | OPC Unified Architecture - Part 13: Aggregates | EN IEC 62541-13 | - |

INTERNATIONAL STANDARD

NORME INTERNATIONALE



**OPC unified architecture –
Part 11: Historical Access**

**Architecture unifiée OPC –
Partie 11: Accès à l'Historique**



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IEC Central Office
3, rue de Varembe
CH-1211 Geneva 20
Switzerland

Tel.: +41 22 919 02 11
info@iec.ch
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INTERNATIONAL STANDARD

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**OPC unified architecture –
Part 11: Historical Access**

**Architecture unifiée OPC –
Partie 11: Accès à l'Historique**

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ICS 25.040.40; 35.100.05

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IEC 62541-11 has been prepared by subcommittee 65E: Devices and integration in enterprise systems, of IEC technical committee 65: Industrial-process measurement, control and automation.

This third edition cancels and replaces the second edition published in 2015. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) a new method for determining the first historical point has been added;
- b) added clarifications on how to add, insert, modify, and delete annotations.

The text of this standard is based on the following documents:

| FDIS | Report on voting |
|--------------|------------------|
| 65E/710/FDIS | 65E/728/RVD |

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

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