

INTERNATIONAL STANDARD



OPC unified architecture –
Part 3: Address Space Model

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IEC Central Office
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CH-1211 Geneva 20
Switzerland
Email: inmail@iec.ch
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IEC 62541-3

Edition 1.0 2010-07

INTERNATIONAL STANDARD



**OPC unified architecture –
Part 3: Address Space Model**

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

PRICE CODE

ICS 25.040.40; 35.100

ISBN 978-2-88912-081-9

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OPC UNIFIED ARCHITECTURE –

Part 3: Address Space Model

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

FDIS	Report on voting
65E/160/FDIS	65E/164/RVD

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

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

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

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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INTRODUCTION

This International Standard is the specification for developers of OPC UA applications. The specification is a result of an analysis and design process to develop a standard interface to facilitate the development of applications by multiple vendors that inter-operate seamlessly together.

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OPC UNIFIED ARCHITECTURE –

Part 3: Address Space Model

1 Scope

This part of IEC 62541 describes the OPC Unified Architecture (OPC UA) *AddressSpace* and its *Objects*. This Part is the OPC UA meta model on which OPC UA information models are based.

2 Normative references

The following referenced documents are indispensable for the application 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.

IEC/TR 62541-1, *OPC Unified Architecture – Part 1: Overview and Concepts*

IEC 62541-4¹, *OPC Unified Architecture – Part 4: Services*

IEC 62541-5¹, *OPC Unified Architecture – Part 5: Information Model*

IEC 62541-6¹, *OPC Unified Architecture – Part 6: Mappings*

IEC 62541-8¹, *OPC Unified Architecture – Part 8: Data Access*

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ISO/IEC 15948, *Information technology – Computer graphics and image processing – Portable Network Graphics (PNG): Functional specification*

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XML Schema Part 2, available at <<http://www.w3.org/TR/xmlschema-2/>>

XPATH, available at <<http://www.w3.org/TR/xpath/>>

IETF RFC 3066, *Tags for the Identification of Languages*, available at <<http://tools.ietf.org/html/rfc3066>>

IEEE 754-1985, *IEEE Standard for Binary Floating-Point Arithmetic*, available at <<http://ieeexplore.ieee.org/servlet/opac?punumber=2355>>

¹ To be published.