

IEC 62541-008 OPC Unified Architecture - Part 8: Data Access

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Table 1: Data sheet for OPC Unified Architecture - Part 8: Data Access

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Note: The following is an excerpt from the official IEC catalog. It is provided here as a convenience and is not authoritative. Refer to the original document as the authoritative reference.

Abstract

IEC 62541-8:2020 is part of the overall OPC Unified Architecture (OPC UA) standard series and defines the information model associated with Data Access (DA). It particularly includes additional **VariableTypes** and complementary descriptions of the **NodeClasses** and **Attributes** needed for Data Access, additional **Properties**, and other information and behaviour.

The complete address space model, including all **NodeClasses** and **Attributes** is specified in [IEC 62541-003 OPC Unified Architecture - Part 3: Address Space Model](#). The services to detect and access data are specified in [IEC 62541-004 OPC Unified Architecture - Part 4: Services](#). 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) added new **VariableTypes** for **AnalogItems**;
- b) added an Annex that specifies a recommended mapping of OPC UA **Dataaccess** to OPC COM **DataAccess**;
- c) changed the ambiguous description of **“Bad_NotConnected”**;
- d) updated description for **EUInformation** to refer to latest revision of **UNCEFACT** units.

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