

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

[return to the IEC Standards](#)

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

|                 |                                                                                                   |
|-----------------|---------------------------------------------------------------------------------------------------|
| Title           | OPC Unified Architecture - Part 8: Data Access                                                    |
| Version         | 2020                                                                                              |
| Document Number | 62541-8                                                                                           |
| Release Date    | OPC Unified Architecture - Part 8: Data Access                                                    |
| Reference       | <a href="https://webstore.iec.ch/publication/61117">https://webstore.iec.ch/publication/61117</a> |

**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 62541-3. The services to detect and access data are specified in IEC 62541-4. 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.** *~~DISCUSSION: on|Outstanding Issues~~* *~~DISCUSSION: off~~*

From:  
<https://www.omgwiki.org/dido/> - **DIDO Wiki**

Permanent link:  
[https://www.omgwiki.org/dido/doku.php?id=dido:public:ra:xapend:xapend.b\\_stds:tech:iec:62541-8&rev=1642188810](https://www.omgwiki.org/dido/doku.php?id=dido:public:ra:xapend:xapend.b_stds:tech:iec:62541-8&rev=1642188810)

Last update: **2022/01/14 14:33**

