

IEC 62541-100 OPC Unified Architecture - Part 100: Device Interface

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Table 1: Data sheet for OPC Unified Architecture - Part 100: Device Interface

Title	OPC Unified Architecture - Part 100: Device Interface
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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 62541-100:2015 is an extension of the overall OPC Unified Architecture standard series and defines the information model associated with Devices. This part of IEC 62541 describes three models which build upon each other:

- **Device Model** (the base), intended to provide a unified view of devices
- **Device Communication Model**, which adds Network and Connection information elements so that communication topologies can be created
- **Device Integration Host Model** finally, which adds additional elements and rules required for host systems to manage integration for a complete system. It allows reflecting the topology of the automation system with the devices as well as the connecting communication networks

See also:

- [IEC 62541-001 OPC Unified Architecture - Part 1: Overview and concepts](#)
- [IEC 62541-002 OPC Unified Architecture - Part 2: Security Model](#)
- [IEC 62541-003 OPC Unified Architecture - Part 3: Address Space Model](#)
- [IEC 62541-004 OPC Unified Architecture - Part 4: Services](#)
- [IEC 62541-005 OPC Unified Architecture - Part 5: Information Model](#)
- [IEC 62541-006 OPC Unified Architecture - Part 6: Mappings](#)
- [IEC 62541-007 OPC Unified Architecture - Part 7: Profiles](#)
- [IEC 62541-008 OPC Unified Architecture - Part 8: Data Access](#)
- [IEC 62541-009 OPC Unified Architecture - Part 9: Alarms and Conditions](#)
- [IEC 62541-010 OPC Unified Architecture - Part 10: Programs](#)
- [IEC 62541-011 OPC Unified Architecture - Part 11: Historical Access](#)
- [IEC 62541-012 OPC Unified Architecture - Part 12: Discovery and global](#)

- [IEC 62541-013 OPC Unified Architecture - Part 13: Aggregates](#)
- [IEC 62541-014 OPC Unified Architecture - Part 14: PubSub](#)

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