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OPC unified architecture - Part 100: Device interface

Architecture unifiée OPC - Partie 100: Interface d'appareils

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TITLE:
OPC Unified Architecture - Part 100: Device Interface

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

OPC UNIFIED ARCHITECTURE –

Part 100: Devices

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International Standard IEC 62541-100 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) Defined a `ComponentType` that can be used to model any HW or SW element of a device. In addition added a `SoftwareType` as subtype of `ComponentType`.
- b) Added the new OPC UA interface concept and defined interfaces for `Nameplate`, `DeviceHealth`, and `SupportInfo`.
- c) Added a new model for Software Update (Firmware Update).
- d) Specified a new entry point for documents where each document is represented by a `FileType` instance.