IO-Link

Specifications Validity Periods

June 2025

Order No: 10.312

Specifications Validity Periods

Purpose

This document is part of the IO-Link Product Quality Policy. The document provides an overview of available IO-Link specifications and rules their current status of validity within the life cycle.

The document is intended as a reference for IO-Link requirements in regards to product definitions, developments and qualifications.
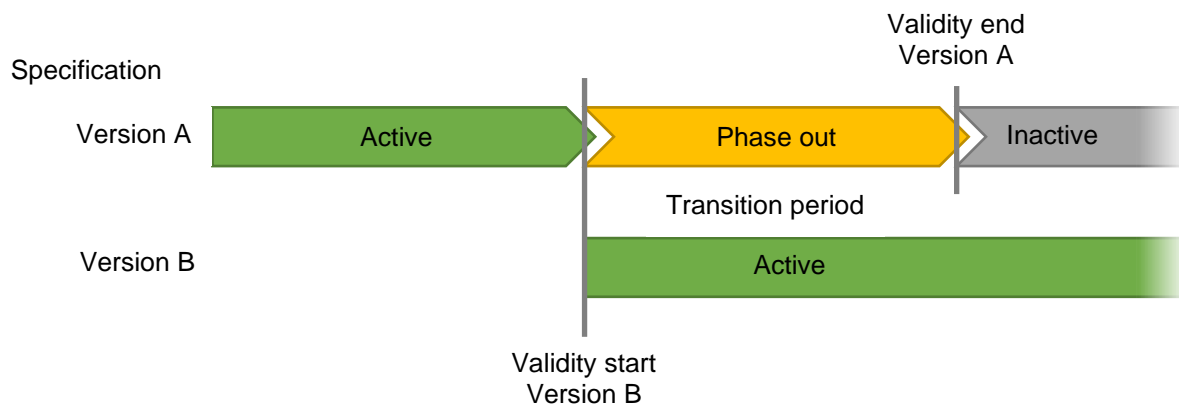
Rules

Changes to previous document version are marked in <mark>yellow</mark>.

Definition of Status

Status	Description
Active	The specification is released and shall be the base for product developments and qualification.
Phase out	A new version of this specification is available. Product developments should be based on the new version, marked as 'Active'. After expiration of the specification defined by the date at 'Validity end', it is not permitted to release new products based on this specification version.
Inactive	A newer version of this specification is available. It is not permitted to release new products based on this specification version.

Validity periods

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IO-Link Base Specification Packages

Package	Validity start	Status	Validity end
Package 2015 & Corrigendum		**Inactive**	**2023-12-31**
• Corrigendum & Package 2015	Feb. 2016		
• IO-Link Interface and System Specification V1.1.2	Jul. 2013		
• IO-Link Test Specification V1.1.2	Jul. 2014		
• IO-Link Test Specification CorrVersion V1.1.2	Feb. 2021		
• IO Device Description Specification V1.1	Aug. 2011		
• IO-Link Device Description Specification V1.0.1 Note)	Mar. 2010		
• IO-Link Manufacturer Declaration V1.1.2 Mar. 2024	Mar. 2024		
Package 2020 & Corrigendum		**Phase out**	**2025-09-30**
• Corrigendum & Package 2020	Feb. 2021		
• IO-Link Interface and System Specification V1.1.3	Jul. 2019		
• IO-Link Test Specification V1.1.3	Jan. 2021		
• IO Device Description Specification V1.1.3	Jan. 2021		
• IO-Link Device Description Specification V1.0.1 Note)	Mar. 2010		
• IO-Link Manufacturer Declaration V1.1.3 Jan. 2022	Jan. 2022		
Package 2024		**Active**	
• IO-Link Interface and System Specification V1.1.4	Sep. 2024		
• IO-Link Test Specification V1.1.4	Sep. 2024		
• IO Device Description Specification V1.1.4	Sep. 2024		
• IO-Link Device Description Specification V1.0.1 Note)	Mar. 2010		
• IO-Link Common Profile Specification V1.2	Sep. 2024		
• IO-Link Manufacturer Declarations V1.1.4 Sep. 2024	Sep. 2024		

Note): Use for backward compatibility to IO-Link V1.0 devices only

IO-Link Profiles

Specification	Validity start	Valid with Package
Common Profile		
IO-Link Common Profile Specification V1.0	Jul. 2017	2015
IO-Link Common Profile Specification V1.1	Dec. 2021	2020
IO-Link Common Profile Specification V1.2	Sep. 2024	2024
Firmware Update		
IO-Link Profile BLOB Transfer & Firmware Update Specification V1.1	Sep. 2019	2020
IO-Link Profile BLOB Transfer & Firmware Update Specification V1.2	Sep. 2024	2024
Smart Sensor Profile		
IO-Link Smart Sensor Profile Specification V1.0	Oct. 2011	2015
IO-Link Smart Sensor Profile Specification Ed. 2 V1.0	Mar. 2017	2015
IO-Link Smart Sensor Profile Specification Ed. 2 V1.1	Sep. 2021	2020
IO-Link Smart Sensor Profile Specification Ed. 2 V1.2	Jan. 2024	2024

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IO-Link Safety System Extensions

Specifications	Validity start	Valid with Package
• IO-Link Safety System Extensions with SMI Specification V1.1	Apr. 2018	
• IO-Link Safety System Extensions with SMI Specification V1.1.3 Note)	Mar. 2022	
• IO-Link Safety – Test & Assessment V1.1	Mar. 2022	
• IO-Link Safety System Extensions with SMI Specification V1.1.4	Sep. 2024	2024
• IO-Link Safety – Test & Assessment V1.1.4	Sep. 2024	2024

Note): Inactive, no transition period

IO-Link Wireless System Extensions

Specifications	Validity start	Valid with Package
• IO-Link Wireless System Extensions Specification V1.1	Mar. 2018	
• IO-Link Wireless System Extensions Specification V1.1.3	Jun. 2022	2020, 2024
• IO-Link Wireless System Extensions Test Specification V1.1.3	Jun. 2023	2020, 2024

IO-Link Integration

Specifications	Validity start	Valid with Package
OPC UA for IO-Link Companion Specification Release 1.0 Note)	Dez. 2018	2015, 2020, 2024
JSON Integration for IO-Link V1.0.0	Mar. 2020	2015, 2020, 2024

Note): Specification management by OPC Foundation

IODD-Checker

Version	Valid with Package
IODD-Checker V1.1.13	2024
IODD-Checker V1.1.11	2020
IODD-Checker V1.1.4 R3	2015
IODD-Checker V1.0.13, for IO-Link V1.0 backward compatibility	