IO-Link

IODD Designer

Overview

An electronic device description (IODD file) must be available for every IO-Link device released to the market. Generating an IODD can be a laborious and tedious task, as these files have complex XML structures with numerous restrictions and interdependencies. It can also be difficult to maintain consistency between the device and its IODD in case of modifications.
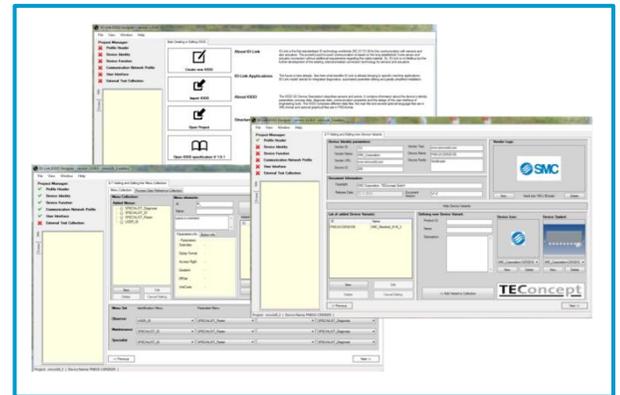
The IODD Designer is a software tool that significantly simplifies the creation and modification of IODDs.

The user can easily create an IODD file by following a few simple steps, guided by an intuitive user interface. No XML know-how is needed. For every text entry field, an info box shows related information with reference to the IO-Link specification. IODDs can be created from scratch, or existing files can be imported for modification.

Using the IODD Checker tool (available from the IO-Link website), the IODD Designer can check and *stamp* the generated files.

Advantages

- Simple and fast IODD generation
- No XML know-how required
- Supports modification of existing IODDs
- Assures consistency of related XML elements in the IODD
- Extended error checking

IO-Link IODD Designer. Universal, smart, easy.

IODD Designer Features

- Complies with the IO-Link Interface specification V1.1.2
- Complies with the current IODD specification V1.1, and V1.0
- Supports IODD import to view and edit existing files
- V1.1/V1.0 file generation from same data set
- IODD checking and stamping using the IODD Checker tool from the IO-Link Consortium
- Installer for Windows 7/8/10
- Current project status can be saved and restored
- Errors are detected and corrected during data entry
- Context sensitive information on entries, with reference to the IODD specification
- Smart Sensor profile is supported

Deliverables

- Installer for PC-Software

TEConcept
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Designed and manufactured by TEConcept GmbH