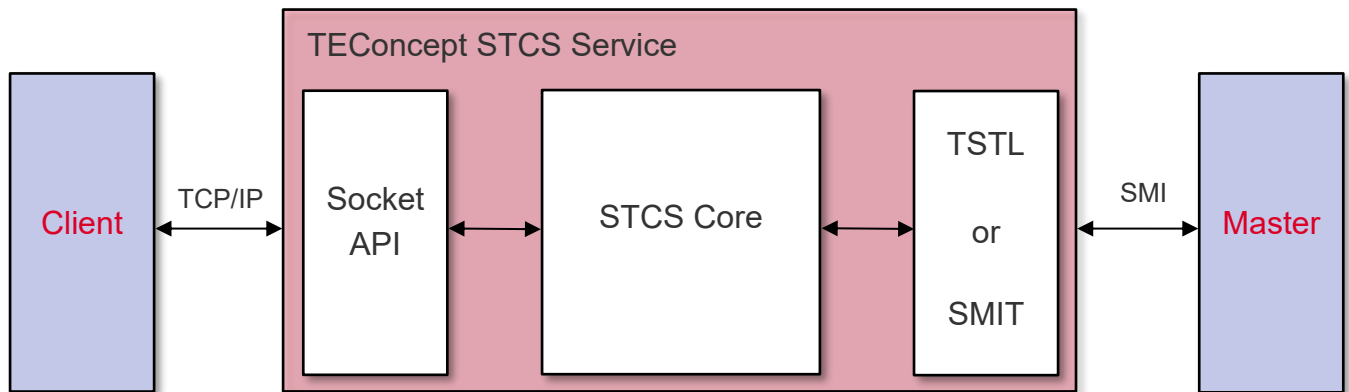# SMI Test Communication Server

Overview

The TEConcept SMI Test Communication Server "STCS" connects multiple TCP clients and an IO-Link Master according to the IO-Link V1.1.3 test specification with TSTL or SMIT interfaces.

The TEConcept STCS is available as an executable program that runs on desktop Windows and Linux systems.

Alternatively, the TEConcept STCS is available as a software development kit with the basic library in source code for special client systems such as embedded controllers.

Description

The SMI Test Communication Server uses TEConcept's TSTL or SMIT protocol to communicate with an appropriate IO-Link Master. The STCS provides simple connection setup and different logging levels for message monitoring.

A free version of the STCS is shipped together with USB Masters from TEConcept as an executable program.

An expert version for professional use in embedded systems with low latency process data handling and additional SPI support is offered as Software Development Kit including source code.

Features

- IO-Link V1.1.3 compatible
- Executables for Linux and Windows
- Configurable via Command Line Parameters
- Support for UART and USB in public version
- Expert Version with low latency Process data exchange and SPI support
- Expert version with ANSI compatible source code

Advantages

- Integrated TSTL and SMIT as communication protocol for the master

Delivery

- STCS executable (Windows or Linux)
- Manual
- Expert Version with source code and example projects.