

Process Instrumentation

The Siemens InterOp Lab

Your partner for the optimal field level connection to your process control system

[siemens.com/processinstrumentation](https://www.siemens.com/processinstrumentation)



The Siemens InterOp Lab offers an innovative test environment for field devices. Depending on which communication protocols are used, respective tests can be carried out. Despite standardization in communication technology a preemptive check of the communication between field devices and the process control system, for example SIMATIC PCS7, is a good idea. Our offer comprises the following:

- Verification of the interoperability of field devices
- Guaranteeing proper communication function and compatibility of existing field devices to upcoming migration or update projects
- Test reports with reference to specific properties and guidelines
- A Siemens verified test certificate
- Our Siemens guarantee for a proper function of the test installation



Know-how at the highest level

For the system test we offer you three variants: Basic, Advanced and Premium. The services performed are graduated according to the variant

Basic System Test

Comprises:

- Site visit
- Survey of selected devices
- Readout and archiving of device data, primarily via SIMATIC PDM
- Verification that the selected devices are integrated properly via SIMATIC PDM
- Report with details of required and recommended actions.

Advanced System Test

A basic system test is required.

Comprises:

- Test installation in the lab, as agreed
- EDD installation/integration and elementary communication check (cyclic/acyclic)
- SIMATIC PDM device integration check
- Device specific functionality simulation
- Creation of a comprehensive test report with recommended actions for necessary measures
- Customization of EDDs

Premium System Test

An advanced system test is required.

Comprises:

- Advanced service
- Verifying your devices are correctly integrated in SIMATIC PDM
- Testing of special functions, like for example WinCC faceplates
- Guarantee and test proper communication of multiple field devices over a bus node (Profibus DP/DA, FF), integration into DCS
- Comprehensive test report
- Recommended actions for necessary modifications/adjustments to your field devices

Interested? Please contact your local Siemens representative or send a support request under <https://support.industry.siemens.com/my/de/en/requests/#createRequest> containing the keyword "InterOp Service".