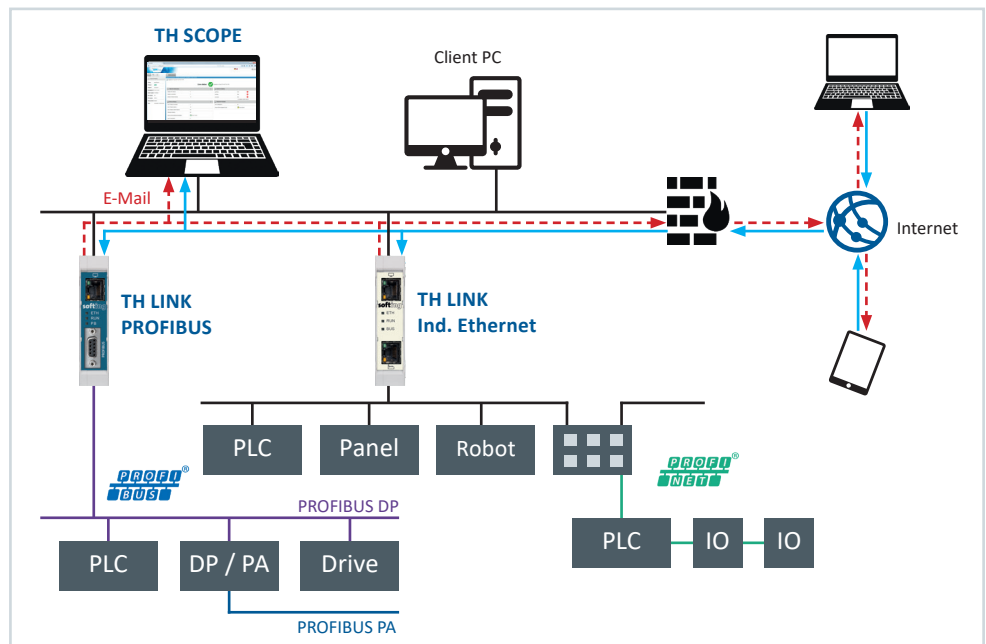
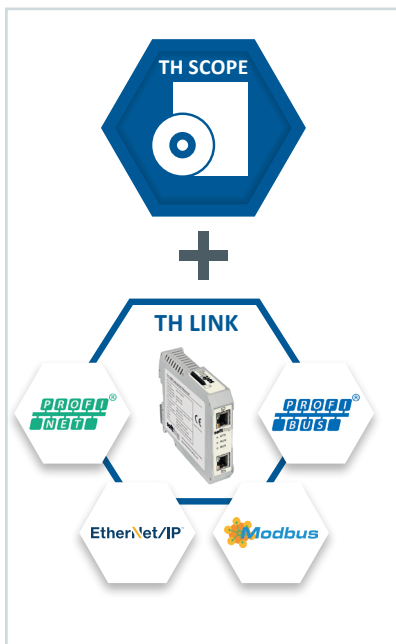


TH SCOPE

Efficient Diagnostics and Management of Industrial Networks

- Software Solution for Analysis and Visualization of Diagnostic Data
- Functionality Fitting for Acceptance Testing, Predictive Maintenance, Permanent Monitoring and Plant Asset Management
- Easy integration into processes and comprehensive systems



Comprehensive Presentation and Evaluation of Diagnostic Data

- Provision of data on network communication, network configuration and diagnostic messages
- Preparation of standardized exports (e.g. for acceptance testing)
- Support for PROFIBUS, PROFINET, EtherNet/IP and Modbus TCP in combination with TH LINK components
- Data acquisition also from standard Ethernet devices (e.g. PCs or camera systems)

Versatile solution for a wide range of diagnostic applications

- Permanent monitoring and alerting
- Commissioning and acceptance
- Network documentation
- Network and Plant Asset Management
- Fault localization and identification

Flexible System and Process Integration

- Web-based access, local or remote
- Integration of inventory data into monitoring tools and process control systems via OPC UA
- Export of diagnostic data for further processing in other applications (e.g. MS Excel)
- Easy data exchange with Softing's Analyzer IE software (e.g. export of reference measurement)
- Intuitive handling and operation

TH SCOPE

Technical Data

Functionality	<ul style="list-style-type: none">▪ Network overview with network and device status plus diagnostic messages with troubleshooting recommendations▪ Analysis of device logs▪ Live list, statistics, inventory▪ GSDML file support, plaintext messages in diagnostic list▪ Topology and trend analysis▪ Automatic e-mail notification in case of fault▪ Reference comparison▪ Acceptance measurements and acceptance reports▪ Configurable time intervals for automated export of inventory and topology data▪ Data export via Excel▪ Output of inventory data via OPC UA
Supported Protocols	PROFINET, PROFIBUS, EtherNet/IP, Modbus TCP
Interfaces	<ul style="list-style-type: none">▪ SNMP Agent▪ OPC UA-Server
System Requirements	Adobe Reader 8 or higher for reading the documentation and for printing the topology
Supported Operating Systems	Windows 7, Windows 8.1, Windows 10 Windows Server 2012, Windows Server 2012 R2, Windows Server 2016
Network Access	Data collection through TH LINK (PROFIBUS, PROFINET, EtherNet/IP, Modbus TCP und Industrial Ethernet)
Demoversion	Full TH SCOPE functionality can be used for free for 30 days after installation
Licensing	Via software or hardware key

Scope of Delivery

Software	TH SCOPE (by download from Softing's website http://industrial.softing.com)
License	Software or hardware key
Documentation	Installation Manual, User Manual, Release Note

Order Numbers

LRA-JY-003024	TH SCOPE
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Additional Products and Services

GEA-JN-003006	TH LINK PROFIBUS
GDA-JA-003034	TH LINK PROFINET
GDA-JY-003037	TH LINK Industrial Ethernet
LRA-JY-003028	TH LINK PC Industrial Ethernet
TRA-PB-TECH	Training: PROFIBUS Technology
TRA-PB-TS	Training: PROFIBUS Troubleshooting with exam to Certified PROFIBUS Installer
TRA-PN-CERTINST	Training: PROFINET Acceptance and Commissioning
TRA-PN-CERTENG	Training: PROFINET Technology graduated as Certified PROFINET Engineer
TRA-PN-TOOLS	On-site training: PROFINET tools

Your local Softing contact:

<http://industrial.softing.com>

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