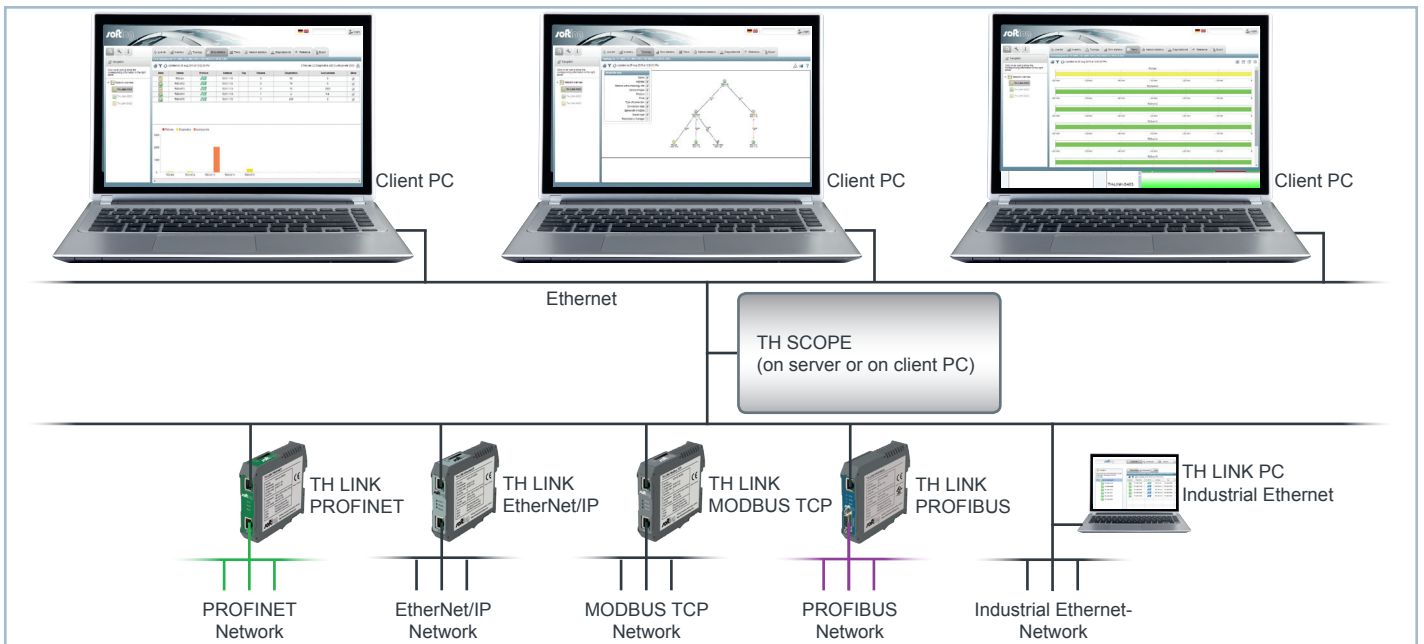


TH SCOPE

Management and Diagnostics for Industrial Networks

TH SCOPE is a software product for industrial network management and network diagnostics. Geared to plant operators and maintenance personnel, TH SCOPE is an all-in-one, easy-to-use solution for permanent monitoring and predictive maintenance, for acceptance testing and for troubleshooting. Combined with TH LINK components, the product supports PROFIBUS, PROFINET, EtherNet/IP and Modbus TCP protocols.



Versatile Solution for a Wide Variety of Diagnostics Applications

- > Network commissioning, acceptance testing
- > Stationary operation for continuous monitoring
- > Fault localization and identification in case of failure

Comprehensive Representation and Analysis of Diagnostic Data

- > Data on network communication (e.g. load, error statistics)
- > Data from network configuration (e.g. device names, firmware versions, topology)
- > Diagnostic messages (network and device diagnostics)
- > Data collection also from standard Ethernet devices (e.g. PCs or camera systems)

Optimized for Maintenance Users

- > Easy and intuitive handling and operation
- > No expert knowledge of IT or networks required
- > Support of various network protocols (PROFIBUS, PROFINET, EtherNet/IP, Modbus TCP)

Flexible Integration into Existing Systems and Processes

- > Integration of network data into monitoring tools and supervisory control systems via SNMP or OPC
- > Export of all diagnostic data, support of further processing in applications such as Excel
- > Web-based access, local or remote

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• Data export via Excel
Supported Protocols	PROFIBUS (TH SCOPE V2.2), PROFINET, EtherNet/IP, Modbus TCP (TH SCOPE V2.2 and TH SCOPE V3.0)
Interfaces	<ul style="list-style-type: none">• SNMP Agent• OPC Classic DA Server
System Requirements	<ul style="list-style-type: none">• Web browser with Adobe Flash Player 14 or higher (for TH SCOPE V2.2, not required for TH SCOPE V3.0)• Adobe Reader 8 or higher for reading the documentation and for printing the topology
Supported Operating Systems	Windows 7, Windows 8, Windows 8.1, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2
Network Access	Data collection through TH LINK (PROFIBUS, PROFINET, EtherNet/IP, Modbus TCP and Industrial Ethernet)
Demo Version	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 (software key)
LRL-JY-003025	TH SCOPE (hardware key)

Additional Products and Services

GEA-JN-003006	TH LINK PROFIBUS
GDA-JA-003034	TH LINK PROFINET
GDA-JC-003035	TH LINK EtherNet/IP
GDA-JE-003036	TH LINK Modbus TCP
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"
TRA-PN-TECH	Training "PROFINET Technology"
TRA-PN-CERTENG	Training "PROFINET Commissioning and Troubleshooting"



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