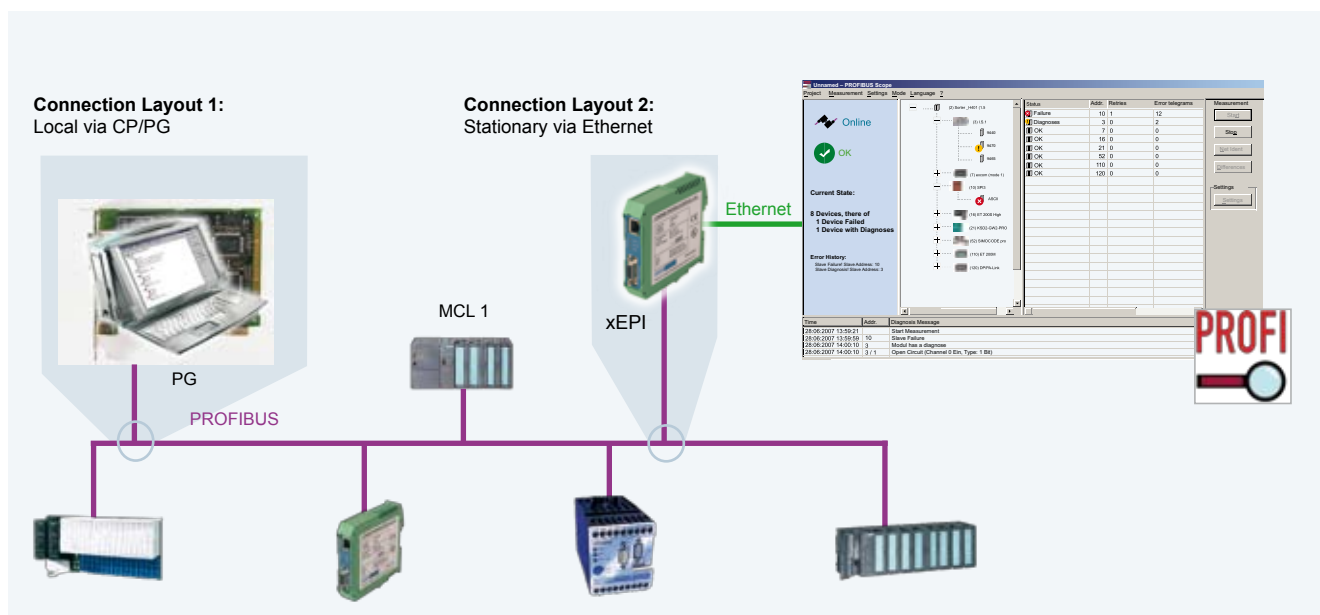


## Diagnosis – Analysis – Qualification PROFIBUS Scope

The PROFIBUS Scope is an indispensable tool for commissioning, FAT/SAT, acute troubleshooting as well as during operation of PROFIBUS installations. Regular or permanent network monitoring allows identification of any failures at a very early stage, and enables you to take measures for preventive maintenance. This in turn minimizes downtime and increases plant availability. Designed with great emphasis on user friendliness, the PROFIBUS Scope provides efficient monitoring of the bus status for any user, including those without extensive PROFIBUS knowledge. Due to its clearly arranged Four-Window design with graphical status display and diagnosis messages in plaintext, all relevant information on network status and network stations is available at one single glance. Any occurring failures can be identified in a quick and targeted way. The flexibly adaptable hardware

concept of the PROFIBUS Scope enables not only connection via Siemens standard hardware for on-site measurements, but also plant-wide network monitoring via Ethernet. Temporary or permanent measurement access through the ETHERNET-PROFIBUS-INTERFACE (xEPI) mounted on a top-hat rail supports preventive maintenance of PROFIBUS networks. Automatic documentation of measurement results is a great benefit particularly during commissioning and also for reference and comparison measurements. It is due to this feature that the PROFIBUS Scope is recommended as qualified testing tool for plant commissioning (e.g. in pharmaceutical industries) both in manufacturer-specific specifications and in the PNO Guideline: „Validation of PROFIBUS Systems“.



### Short Description

- Diagnosis concept for the entire plant life cycle
- Network monitoring in clear Four-Window design
- Parallel display of current and historic information
- Graphical status display and diagnosis messages in plaintext
- Identification of critical network stations per mouse click (TOP 10 – one click)
- Analysis of key figures for network monitoring
- Live List in clearly arranged matrix design
- Extensive search, trigger and filter functions for record analysis
- Monitoring of cyclic I/O data
- Alert in case of failures by email/text message
- Flexibly adaptable hardware concept (for measurements on-site and stationary)

- Automatic documentation of measurement results
- License-free reader mode

### Scope of Delivery

- Installation CD
- Hardware dongle
- Installation Guide
- Optional:
  - PROFIBUS communication processor: CP5512/CP5611 or xEPI
  - Active PROFIBUS Measuring Adapter
  - Active PROFIBUS Cable
  - Active PROFIBUS Measuring Flap

**Diagnosis – Analysis – Qualification****PROFIBUS Scope****Technical Data**

Hardware	CP5611	CP5512	ETHERNET-PROFIBUS-INTERFACE   xEPI
	Short PCI Bus Card	Type 2 PC Card (CardBus, 32 Bit)	
Protocols	DP, DP-V1, FMS, FDL/MPI, PA	DP, DP-V1, FMS, FDL/MPI, PA	DP, DP-V1, FMS, FDL/MPI, PA
Max. Baud Rates	12 Mbit/s	12 Mbit/s	1.5 Mbit/s

**System Requirements**

Operating Systems	Windows 2000   XP   Windows Server 2003
USB Slot	USB Version 1.1 (or higher) – for the Hardware dongle (License)
PROFIBUS Communication Processor	CP5512   CP5611   PG with integrated CP5611   xEPI

**Order Information**

Article Number

**Software**

PROFIBUS Scope Software	10001308
PROFIBUS Scope Software Upgrade (version 3.1 and higher)	10002255

**Hardware and Product Bundles**

PROFIBUS Scope Software incl. CP5611	10001645
PROFIBUS Scope Software incl. CP5512	10002000
ETHERNET-PROFIBUS-INTERFACE   xEPI	10002317

**Options/Accessories**

Active PROFIBUS Cable	10002132
Active PROFIBUS Measuring Adapter	10002649
Active PROFIBUS Measuring Flap	10002650

**Training**

PROFIBUS Scope Training (incl. Inhouse)	on request
Plant Evaluation/Measurement services on site	on request