PROCENTEC

Profi**Trace**

Mobile PROFIBUS Combi-Analyzer

PROFIBUS All-In-One Tool

ProfiTrace is the most powerful mobile analyzer specialized in PROFIBUS networks. It is an essential tool for monitoring, maintenance and fault-finding. The complete PROFIBUS network can be easily checked with only one software package and one piece of hardware. ProfiTrace is very easy to use and combines all required elements to detect all PROFIBUS faults. The use of this mobile analyzer results in a higher uptime, lower operational costs and the optimisation of the entire production process.

Thousands of satisfied users benefit daily from this powerful tool. Typical PROFIBUS failures such as noise, reflections, voltage drops, termination problems, double addresses, wire breaks and configuration faults are easily and quickly identified. As a result, PROFIBUS faults can be quickly resolved which results in higher uptime. ProfiTrace boosts the capabilities of service, maintenance and engineering technicians.

ScopeWare (DP and PA)

With the built in oscilloscope noise, reflections and termination problems can be detected. There is an interpretation of bits, bytes and words. All messages can be filtered and stored.
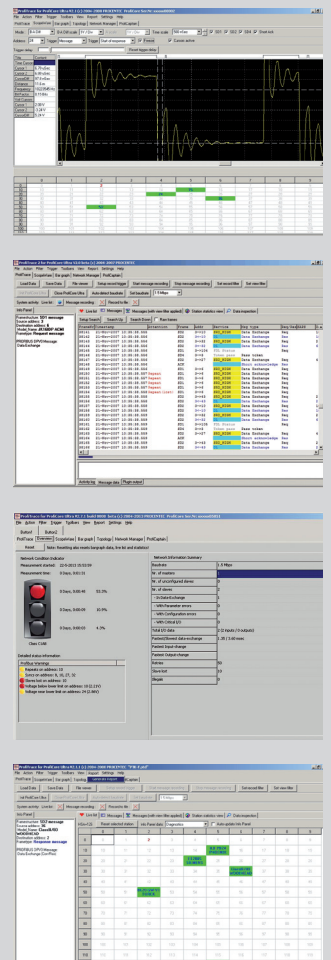
Message Recording

The message recording provides an overview with records messages. When the user records messages, he has a perfect visual representation on the screen.

Network Condition

The statistics matrix and network condition indicator are the most powerful features of ProfiTrace. These fields can really tell what the condition of the installation is without doing difficult operations.

Live List

The Live List is a matrix that continuously lists all the available devices. It is directly visible which devices are 'troublemakers'. With different background colors, the status of the devices is displayed.
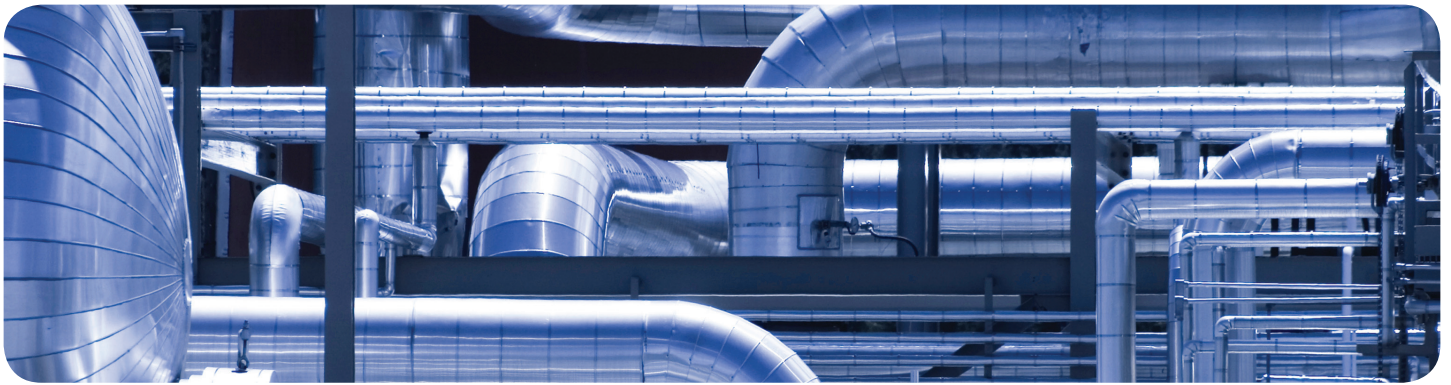
Application areas

- Troubleshooting & maintenance of PROFIBUS networks
- Commissioning of PROFIBUS networks
- PROFIBUS product testing and verification
- Passive cable testing
- I/O testing of PROFIBUS devices
- Setting up and diagnosing PROFIBUS devices
- Address setting of PROFIBUS devices
- Interface for bus statistics and device I/O to external apps
- Education

Product features

- Busmonitor for DP and PA
- Oscilloscope – ScopeWare
- Bar graph
- Topology scan
- Reporting
- 3-Color network condition
- DP master - ProfiCaptain
- ProfiCore Ultra USB interface
- OPC server and CommDTM
- Windows XP, Vista, 7 and
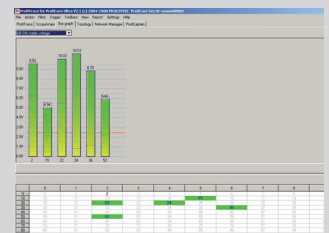- Multi language user interface

ProfiCore™ Ultra

- 12 Mbps (all baudrates)
- Galvanic isolated PROFIBUS interface
- Latest RS 485 technology
- High-speed USB 2.0 interface
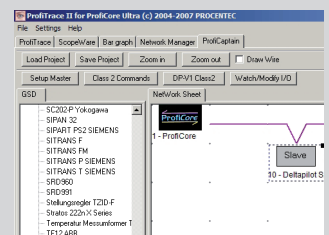- External power supply possible if required

Bar Graph

- Selectable types and modes
- Signal quality in color
- Sorted on address or Voltage
- Continuously updated

ProfiCaptain – DP Master

- Complete integration of ProfiCaptain
- Putting slaves in Data Exchange
- I/O control with automatic patterns
- Automatic detection of busparameters
- Brand new concept of 'stealing' slaves
- Class 2 functions in a Class 1 framework
- No shutdowns when updating the configuration
- Deactivating slaves in the configuration

Reporting

- Generation of a detailed network report
- Summary of detected errors
- Standard layout for signatures and approvals
- Import of company logo