



PROFINET MONITORING AND DIAGNOSTICS

Permanent monitoring | Industry 4.0 | PROFINET Experts | Commissioning

PROFINET TOOL PRO - PNT-PRO



PROFINET TOOL Pro, PNT-Pro

Just one single program with all the features you need to address the analysis and the validation of PROFINET networks.

To save the user time in validation, wizard functionality is included to automatically analyze networks.

A report is provided to assess the conformity of your network according to the guidelines of the PROFIBUS & PROFINET (PI) organisation.

- Automatically analyze your network with easy to use wizards
- Compare the last analysis with previously analysis
- Generation of validation reports
- Uses the network card of your Windows PC
- Useable with any TAP or mirrored port

PROFINET TOOL ONLINE - PNT-ONLINE



PROFINET TOOL Online, PNT-Online

Permanently monitor your PROFINET network and share the results using the most common IoT standards.

Quick and easy monitoring of your complete PROFINET network thanks to easy diagnostics with a web browser.

- Detailed information and diagnostics on all devices
- Easy detection of bad cables/interfaces
- Identify critical links with too much traffic
- Access via web interface
- Share results over MQTT, REST and Node-RED

PROFINET ASSISTANT



PROFINET Assistant

A remote assistance service for those who need the continuity of production. The rental of monitoring equipment is included.

- Call the experts when needed

PROFINET TOOL



PROFINET TOOL - PRO and ONLINE

The PROFINET TOOL Pro (PNT-Pro) is the new program for the analysis and monitoring of PROFINET networks. The tool is developed by the CSMT experts.

CSMT has many years of experience in the field during troubleshooting and validation, as a result the PNT-Tools includes all the features needed to analyze the behavior of PROFINET networks.

All functionality needed for troubleshooting and commissioning is placed in one single tool.

A report is provided to assess the conformity of your network according to the guidelines of the PROFIBUS & PROFINET International consortium (PI).

Share the results in an easy way using the most common IoT standards. (MQTT, REST and Node-RED)

- Detailed information on all devices (model and serial number, PROFINET diagnostics)
- Easy detection of bad cables/interfaces
- Identify critical links with too much traffic
- View the network topology
- Evaluate the impact of the multicast and broadcast traffic on the network
- Show the operating status of the PROFINET devices, cycle time and missing devices
- Record network traffic (PROFINET and other)
- Calculate the actual update times and jitter
- Generation of validation reports in different languages
- Access via web interface
- Share results over MQTT, REST and Node-RED

Features

	PNT PRO BUNDLE		Basic
	Classic	Online	
Access to PROFINET diagnostic information	YES	YES	YES
Powerful color highlighting of faults	YES	YES	-
Advanced/Expert troubleshooting tool	YES	-	-
PROFINET network validation reports	YES	-	-
Industry 4.0, IoT and Cloud integration	-	YES	YES
Permanent monitoring	-	YES	YES
PROFINET status reporting	-	YES	-
Web interface for easy PROFINET diagnostic	-	YES	-
Local database for permanent monitoring	-	YES	-
Work with Ethernet TAP and mirror port	YES	YES	-
Work with standard ethernet port	YES	YES	YES
Windows	YES	YES	YES
Linux embedded	-	YES	YES
Include embedded hardware platform	-	OPT.	OPT.

ORDERING DATA

PROFINET DIAGNOSTIC

ORDER NO.

VDV II Pro - Cabletester	R158003
NavITEK IE - PROFINET industrial ethernet tester	R151010
TAP Curious - passive Ethernet TAP	100240
PROFINET Tool PRO - PNT-PRO	4210-0101
PROFINET Tool PRO - PNT-PRO, inclusive Ethernet TAP	4210-0111
PROFINET Tool Online - PNT Online, inclusive hardware (IOT2040)	4210-0004
PROFINET Tool Online - PNT Online, license only	4210-0003
PROFINET Assistant	4210-0005

TRAINING PROGRAM AND SERVICES

Please visit our Website www.helmholz-benelux.eu for more Information.