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Network diagnosis easily done

A permanent analysis of the network status is essential to ensure the PROFINET communication clocked in real time or to overview the amount of extrinsic communication (e.g. Ethernet by camera systems and displays).

The **PROFINET-INSpektor® NT** is permanently integrated in the network and monitors permanently the logical telegram traffic during operation. The operator is acquainted with the current network status anytime and is able to take suitable action, before faults occur and the production comes to a halt.

The PROFINET-INSpektor® as a silent observer creates pinpoint snapshots of events like utilisation rate, speed, data throughput, telegram jitter, repeat telegrams, error telegrams, device diagnosis, device failures and stores it for later evaluation.

Thanks to a hardware-integrated web server the network status can be displayed without additional software on any PC, via internet browser. The collected network data are the basis for a preventive maintenance.

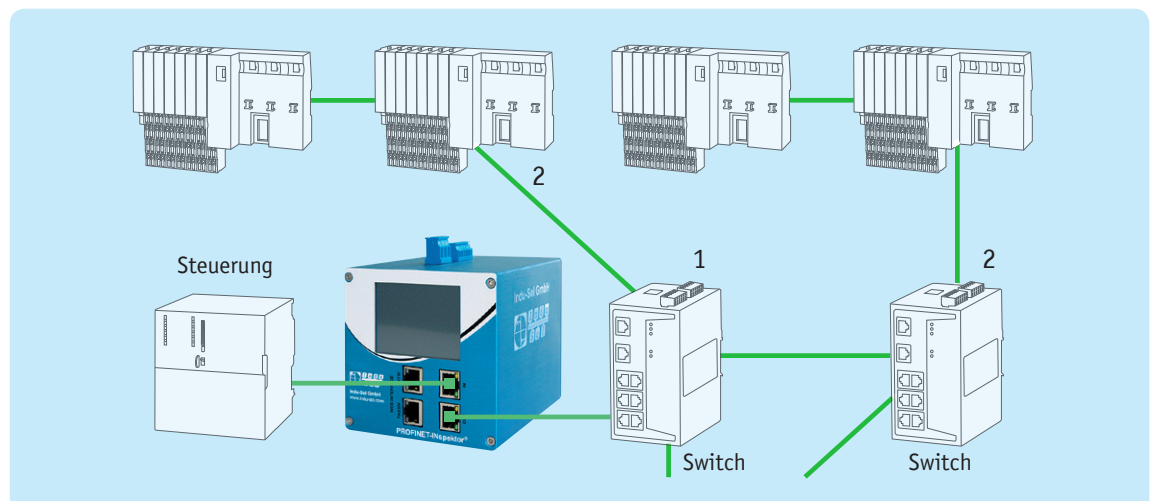
The special network management software **PROmanage® NT** records the entire lifecycle of a system. This software is used to query the storage content of the INSpektors® and the port statistics of the switches and PROFINet devices via the SNMP standard protocol. All events can be graphically displayed and visualized exactly to the minute.



Events

- Utilization rate
- Telegram gabs
- Telegram jitter
- Error telegrams
- Telegram overtake
- Network load
- Alarms
- Device failures

Its place in network



PROFINET analysis PROFINET-INSpektor® NT



Indu-Sol GmbH – Specialist in Fieldbus Technology

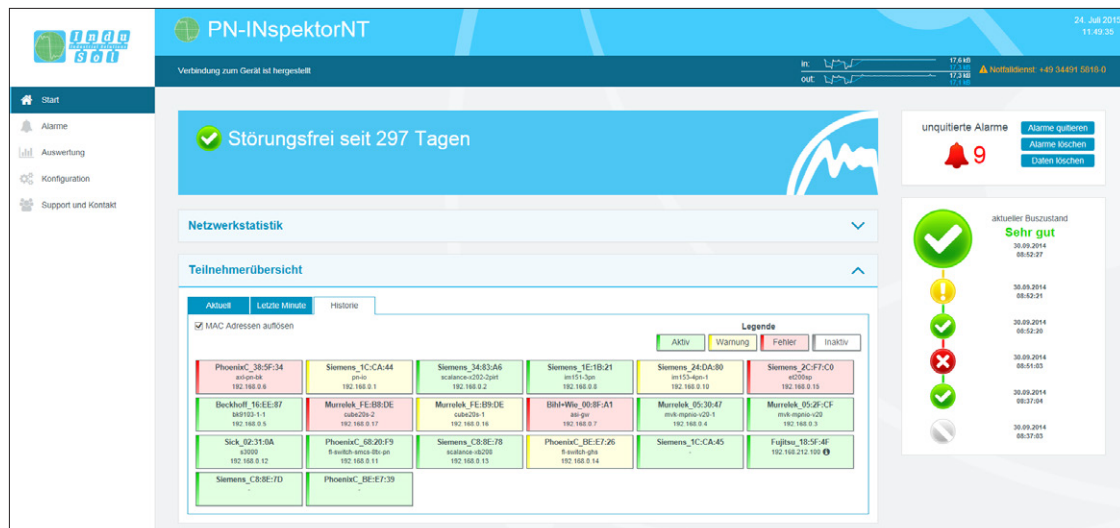


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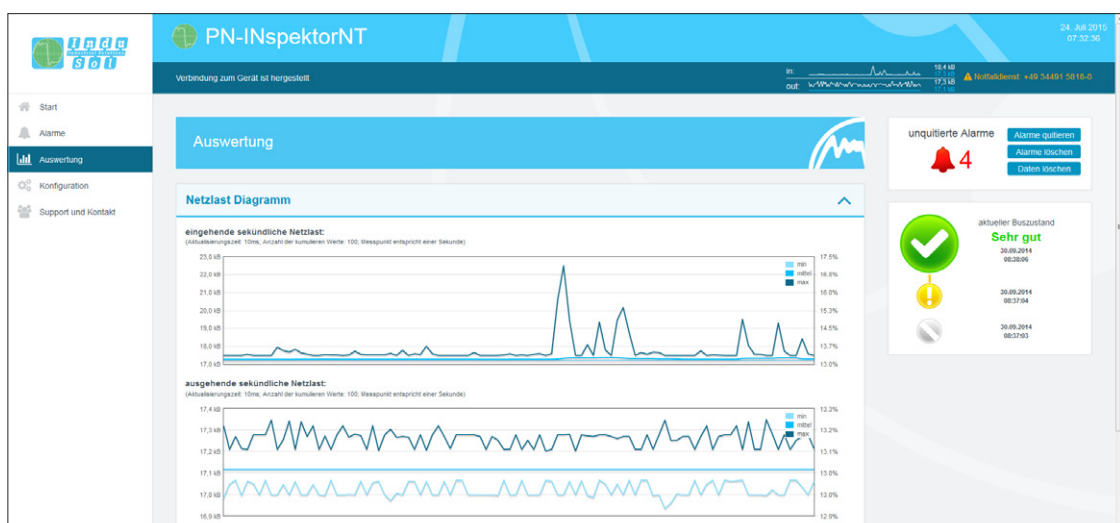
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Matrix with overview and chronicle



At a glance it is obvious how long your network runs interruption-free or at which time an error occurred.

Netload diagram



Net load displayed with resolution in milliseconds

Recommendation: Combine it with a topology plan

With our **PROFINET DiagnosticDUO** and its teamwork of **live topology** and **diagnosis display** the position of every PROFINET node is visible immediately and in addition the health status is displayed by traffic light colors. Therefor the software **PROscan® Active** works hand in hand with the **PROFINET-INSpektor® NT**.

Ordering details

PROFINET-INSpektor® NT

PROFINET DiagnoseDUO

PROmanage® NT

Art. No.

124030100

124030020

117000031

