PROFIBUS monitoring
PROFIBUS-INspektor® NT

Monitoring – easier than ever

With the **PROFIBUS-INspektor® NT** you are well-equipped to have your PROFIBUS plant stay in operation without interruption until you retire.

This data collector works passively in the background to monitor logical data traffic and gives an alarm signal as soon as abnormalities appear – not just when shutdown occurs. Quality-relevant events are analyzed, evaluated and stored for each device.

Events

- Error telegrams
- Repeat telegrams
- Device failures
- Device restarts
- Device diagnosis
- Bus cycle times

Data retrieval

No additional software is required to retrieve PROFIBUS-INspektor® NT data. You only need an internet browser (e.g. Internet Explorer) to display both the current network status and the history of previous events.

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

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Products   Diagnosis   Monitoring   Training   Consulting

Alarming

As soon as a defined threshold value is exceeded an alarm is given by the INspektor®. Hence appropriate maintenance measures can be taken in good time.

The alarm list supplied by the INspektor® provides detailed information about what error occurred at which device, at which time and which event (threshold value) caused this. The large memory allows recording of up to 2000 alerts. Each alert includes a snapshot of 500 telegrams.

Aktuelle Einträge — Auto-Update

Fehler	Gerät	Schwellwert	Datum
manueller Snapshot	-	-	18.06.2014 19:54:22.049
Statuswechsel (Ausfall)	5	Neustart	18.06.2014 19:52:24.763
Statuswechsel (Alarm)	5	Dianose (intern)	18.06.2014 19:52:24.761
Statuswechsel (Alarm)	44	Fehltelegramm	18.06.2014 19:50:31.275

1 bis 4 von 4 Einträgen

Snapshotgröße: 500 — manueller Snapshot

Alarm features

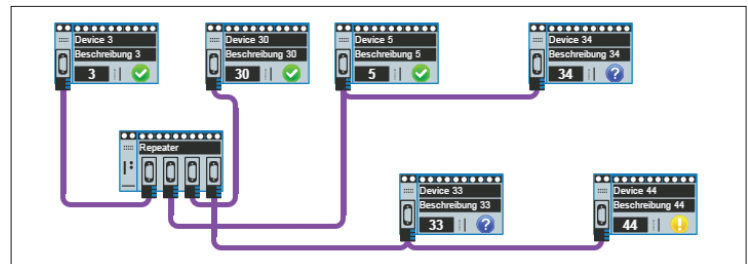✉ Email notification   💡 Floating contact   ⬤ LED display
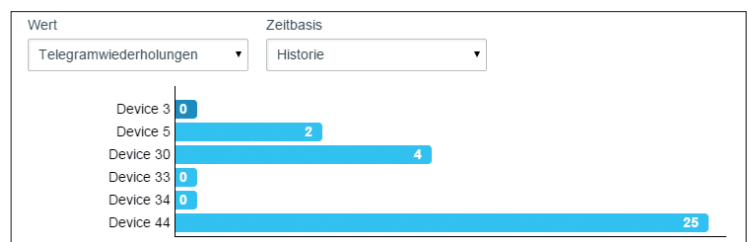
Topology

The topology of your PROFIBUS network is directly visible via the web interface of the INspektors®.

A network overview is provided with a clear statement on the current PROFIBUS network status.

Error statistics

There is a clear display which device is affected most by events (e.g. repeat telegrams). This information is essential for troubleshooting.

Wert: Telegramwiederholungen   Zeitbasis: Historie

Device	Value
Device 3	0
Device 5	2
Device 30	4
Device 33	0
Device 34	0
Device 44	25

Recommendation

The network management software **PROmanage® NT** provides long-term recording throughout the entire life cycle of your plant. Additionally, all network data of PROFIBUS plants at various locations can be centrally summed up.

Ordering details	Art. No.
PROFIBUS-INspektor® NT	124010020
PROmanage® NT (40 ports / 5 PB-INspektors®)	117000031

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