



Intelligent PROFINET measuring point iPNMA

The intelligent PROFINET measuring point **iPNMA** combines the functions of a PROFINET measuring point with a simple PROFINET network analysis. The following quality parameters are determined:

- Telegram jitter
- Telegram gaps
- Telegram overtakes
- Network load
- Update rate
- Device diagnoses
- Device failures and restarts
- Error telegrams



In this case, the evaluation of the recorded data does not take place on the device itself, but instead all data is queried and processed by the **PROmanage® NT** software (see page 24) and processed accordingly.

In addition to the integrated diagnostics function, an analysis tool (e.g. **PROFINET-INspektor® NT** or laptop) can be connected completely reactionless to the two monitor jacks (monitor M1 and M2) for a more thorough network analysis or troubleshooting.

Highlights

- Monitoring all important PROFINET quality values
- Reactionless measurement point
- Compact design
- In case of a power supply failure, the PROFINET communication remains intact
- Power supply of additional analytic tools via the UOUT (24 V DC) connector

General properties	PN-INspektor® NT	iPNMA
Passive network access (TAP)	×	×
24 V supply for additional device (PN-INspektor® NT)		×
Number of monitored participants	512	256
Decoding of DCP/PROFINET parameters	×	×
Monitoring of non-PROFINET communication	×	

Evaluation of the recorded data	PN-INspektor® NT	iPNMA
PROmanage® NT	×	×
Touch display showing the network status and further information	×	
Webinterface	×	
Diagnostics mode with PROscan® Active V2	×	

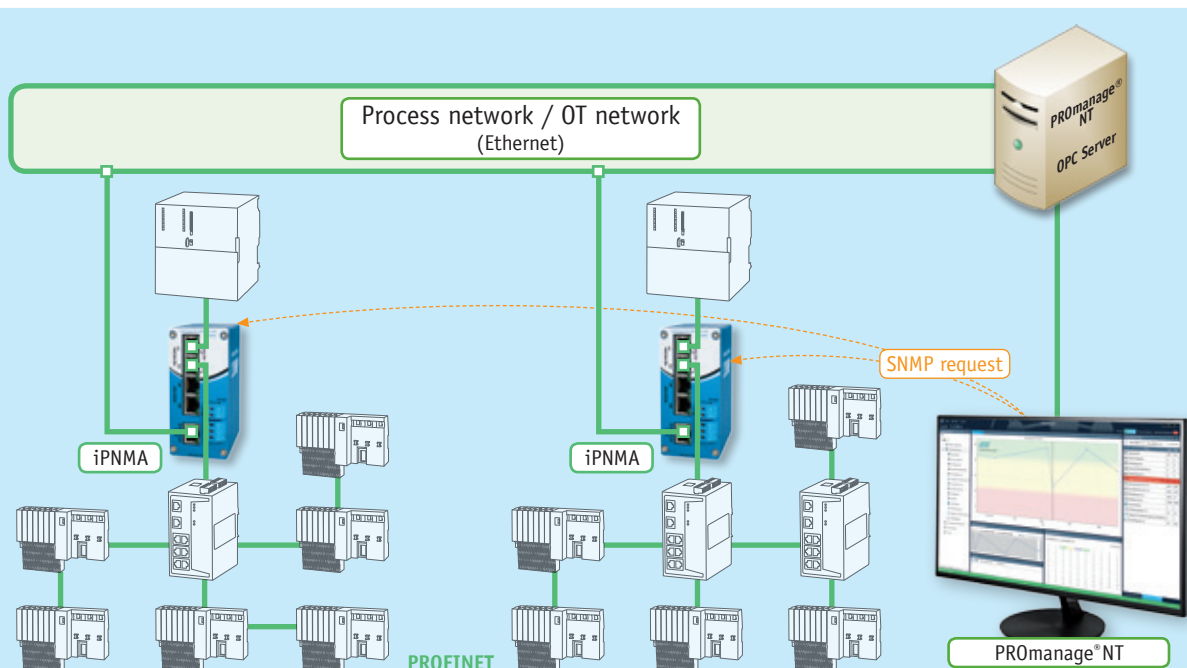


Fig. 27: Integration of the iPNMA measurement point in the PROFINET network and evaluation of the data via PROmanage® NT