PROCENTEC

EtherTAP

Passive Network Diagnostics

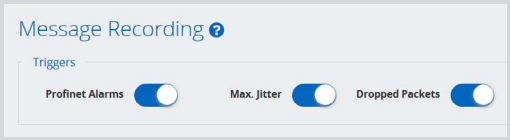
The EtherTAP is a passive device for monitoring an Ethernet network. It is an indispensable tool for developing and commissioning industrial-grade Ethernet, particularly for checking the connections and performance of RT, IRT and other real-time applications. There are two types; a 10/100 Mbit type and a 1000 Mbit (or 1Gbit) type.

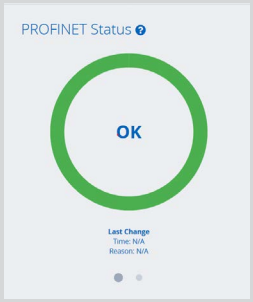
The monitor port of switches can be unreliable for monitoring; these can be busy, causing dropped packets and an overload of the swtich.
The load on the laptop's Ethernet port can also be too high for real-time applications, as two channels are combined into one.

The EtherTAP has a USB connection to the laptop that transfers the captured messages to the appropriate driver, which emulates an additional Ethernet port on the laptop and forwards the messages to each application. A reliable monitoring solution for your network.

Application areas

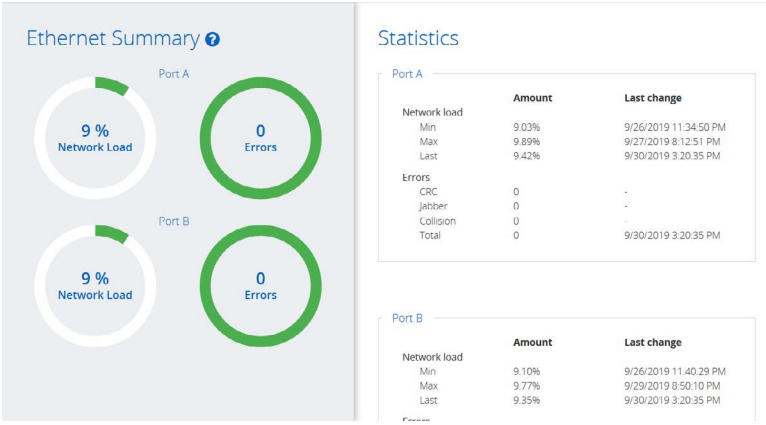
- Message recording of PROFINET and Industrial Ethernet
- Compatible with PROCENTEC Osiris Software for passive diagnostics measurements
- Telegram analysis on bit-level





Technical specifications

- Options: 10/100 Mbit and 1000 Mbit (1Gbit) Types
- Information gained with Osiris
  - Passive diagnostics
  - Cycle-time per device
  - Positive and negative Jitter
  - Number of dropped packets
  - Alarm triggers
- Also applicable with WireShark/ProfiShark/Netilities
- Connections via 1x USB 3.0 + 2x RJ45



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