

# PROCENTEC



## EtherMIRROR 10/100

Transparent Measuring Port

Developed to gain on-demand, passive diagnostic information from multiple networks, PROCENTEC's innovative EtherMIRROR is a measuring point that can be easily installed on any Industrial Network running on PROFINET or Ethernet/IP.

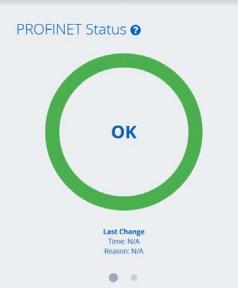
Working in conjunction with PROCENTEC EtherTAP, EtherMIRROR works impressively to gain passive diagnostic information while remaining invisible to the network. All at an impressive link speed of 10/100 Mbit. The primary advantage of EtherMIRROR is the avoidance of costly downtime, achieved by accessing passive diagnostic information without ever having to break the connections.

Once the EtherTAP and the EtherMIRROR connect, the pair work harmoniously to continually mirror all messages flowing between the PLC and the first Switch. Valued data, such as dropped packets, message jitters, cycle-times and message recording are transferred instantly.



## Application areas with the EtherTAP

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



## Technical specifications

- 10/100 Mbit
- Information gained with Osiris when connected to the EtherTAP
  - Passive diagnostics
  - Cycle-time per device
  - Positive and negative Jitter
  - Number of dropped packets
  - Alarm triggers
- Also applicable with Wireshark/ProfiShark/Netilities
- Connections via 4x RJ45  
(two of which connect to the network leaving the other two dedicated for TAP measurements)

