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Reliable network analysis with permanent system availability

## Helmholz presents Test Access Point for all common Ethernet networks

The new Ethernet Test Access Point “TAP IE 100” records data traffic in order to ensure the visibility required for the continuous and efficient backup, monitoring, and administration of your company’s network infrastructure.

The easy-to-install Ethernet Test Access Point from Helmholz is installed once and permanently between two network devices.

The “TAP IE 100” is reliable and non-reactive, and can thus be installed as a permanent measuring point in systems and remain there.

It is distinguished by the fact that the system does not shut down in the event of a power failure. It ensures around-the-clock, time-saving access to the network traffic without disrupting the data flow. It works as a so-called “passive” device and thus maximizes the availability of your system.

With the “TAP IE 100”, precise analysis protocols can be created to monitor the process and carry out an exact analysis of a possible error when

necessary. It helps you to differentiate between network and application problems.

Important performance features of the “TAP IE 100”:

- Nonreactive recording of Ethernet communication
- Secure and passive uncoupling of the Ethernet frames
- Monitors all OSI layers starting from layer 2 and mirrors packets of all sizes and types and VLAN traffic
- For 10 or 100 Mbps networks
- No influencing of Ethernet transmission in the event of power failure

All data can be channeled from both transmission directions of an Ethernet connection. The Ethernet

transmission via the line RJ45 sockets is sent separately to the two monitor sockets according to the transmission direction as a “copy”.

The evaluation and protocolling of the tapped package data takes place quite simply with a PC or another diagnostic device, e.g. with “Wireshark”.

The flat design with the intelligent layout of network connections saves space in the switch cabinet.

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