SAN Services from MEN@NET: fast-acting, secure, highly-performant

The advantages of a Storage Area Network (SAN) are obvious: Efficiency, flexibility, speed and above all disaster tolerance are key factors. Certainly, all network components should be compatible and communicate error-free with each other. The compatibility of different original equipment manufacturers (OEM) equipment is usually an issue before an upcoming expansion of the network. Nevertheless the performance of the SAN should be guaranteed, too. And that is where we come in.

The company specialises in network and performance management of high-speed data networks. We provide a comprehensive product portfolio for your SAN. We have developed our own monitoring software SAN RM and offer services, training, workshops as well as measurement and analysis equipment from popular vendors. Since 1999 we have been your reliable partner in this sector.

Protocol-Analyser

The analysis of storage logs is a must in a SAN environment in order to quickly detect and if possible avoid disturbances. For an examination at bit level, a tool that meets the de facto standard is required. Xgig® from VIAVI is successfully used by our SAN experts for
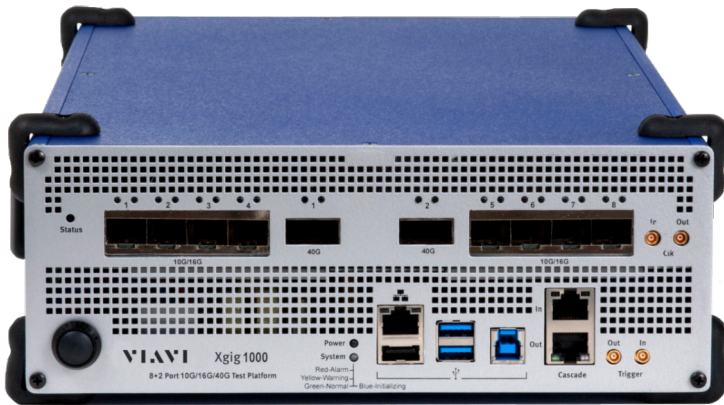

troubleshooting for years. The multifunctional equipment makes it possible to analyse different network protocols such as Fibre Channel, Ethernet, NVMe or PCIe. Special functions can be used to test the quality and reactions of certain components. The compact size of the analyser makes the Xgig® mobile, so that it can be used in any data centre, while the location can be changed quickly and flexibly. A further plus is the analysis software provided by VIAVI, whose expert function

allows automatic evaluations of the recorded data to be performed in a time-saving manner. Due to our experience in the application of these protocol analysers as well as in the intensive IT support of internationally operating companies, we can offer you an Xgig® model specially configured for your SAN.

🧰 Protocol analyser

VIAVI Xgig® enables analysis in various network environments. During troubleshooting the program can be used specifically in the faulty connections. This is possible both inline and without feedback using the MEN@NET duplex couplers. The data thus obtained can be easily evaluated by the VIAVI expert software. Manufacturers of SAN components are able to further process the data so that the data can be made available to them unchanged if necessary. Furthermore VIAVI Xgig® offers optional features such as delay emulator, load test tool, jammer and traffic generator. With this unique variety of functions, the most diverse scenarios can be tested.

Product ecample: VIAVI Xgig® 1000 (1K-3225100-10)

For VIAVI product specification see: www.viavisolutions.com

Vorteile des VIAVI Xgig®

• Mobile use and quick installation

• Easy handling in data centre locations with low space requirement

• Analyser with optional development functions in one device

• Protocols supported: 10 to 100 GE and 4 to 32/128 G Fibre Channel

• De facto standard in Fibre Channel development

• Reduction of downtime and follow-up costs

Our choice of analysis and maintenance tools for your network

| 🧰 **DuplexKoppler** | Permanent, non-reactive analysis points for emergencies |
| 🧰 **Protocol analyser** | Tool to record, filter and analyse data packets. |

Beside MEN@NET DuplexKoppler or Protocol analyser we offer further tools for the maintenance and care of your network, depending on the application, for example network emulators or cleaning sets.

We make performance happen ■ ■ ■