



Success Story

In Brief

A major German telecommunications manufacturer was looking for a future-proof network transmission tester with comprehensive ATM test functions for 3G networks.

After a thorough analysis of the available test products, the company chose Trend's Aurora Forte, which is now a recommended product for the installation and maintenance of 3G networks in Germany.

About Aurora Forte

Aurora Forte is a powerful and flexible tool for testing the Physical, ATM and IP layer operation during the commissioning, maintenance and troubleshooting of ATM circuits.

Aurora Forte supports E1, E3, DS1, DS3, ATM25, STM-1/OC-3, STM-4/OC-12 and IMA. Physical and ATM BER testing are also included.

Advanced features, such as AAL support, F4 and F5 OAM, QoS, SVC support and IP Ping over ATM, higher protocol analysis and remote control, ideally suit Aurora Forte to 3G/UMTS Network testing.

About Trend

Trend Communications is a major player in the supply of hand-held test equipment and remote monitoring systems to the communications market.

Trend supplies the international test market with innovative products covering most technologies in the communications spectrum.

For more information on Aurora Forte or on any other Trend product, visit us at: www.trendcomms.com

Aurora Forte Recommended for 3G in Germany

Trend's Aurora Forte is the recommended product for the installation, support and maintenance of 3G networks in Germany.

Background

The 3rd generation of wireless communications, better known as 3G/UMTS, is a hot topic for today's network operators, installers and suppliers. Those operators involved in the roll-out and maintenance of 3G will now be deploying the E1/IMA protocol on their networks.

IMA stands for Inverse Multiplexing of ATM, and its purpose is to provide a single connection with higher total bandwidth. This is done by multiplexing several E1 lines together. IMA is an essential technology for network operators for economic provisioning of high-bandwidth connections, to offer a high-quality service for voice, video and data for their customers.

The field support teams of 3G specialists must have the most comprehensive test tools available in order to guarantee that the service works as expected, and to optimize business performance.

Many 3G specialists worldwide place their trust in Trend's Aurora Forte, because they know that besides being one of the most fully-featured products in the market, it is also being kept up-to-date as new technologies emerge.

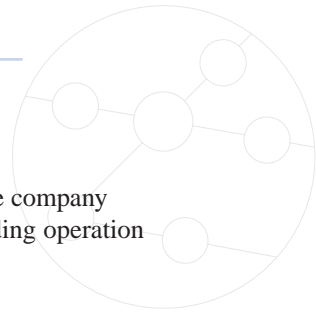
Challenge

The leading German telecommunications manufacturer was looking for a future-proof network transmission tester with wide-ranging ATM test functions for 3G networks.

This company is responsible for installing pilot network equipment and Node B base stations, and for ensuring that the network is brought into service. Their field support team has the task to provide the expertise to the network operator for 3rd line network support and maintenance activities. For this work, it is essential to have a network transmission tester that supports the necessary physical interfaces and provides comprehensive ATM test functions.

What the company needed was a tester with superior functions, from a trusted manufacturer that knows the value of R&D and commits itself to adding new features as markets and technologies change.

This is where Trend and Aurora Forte came in.



Aurora Forte was evaluated against its competitors, and Trend's solution was a clear winner, because besides other advanced functions, Aurora Forte includes an upgrade for the E1-IMA interface.

Solution

To find a network transmission tester that would meet all their needs, the company carried out comprehensive analysis of the available test products, including operation on live network equipment.

Aurora Forte was evaluated against its competitors, and Trend's solution was a clear winner, because besides other advanced functions, Aurora Forte includes an upgrade for the E1-IMA interface. Furthermore, this tester is very easy to use and fully portable.

Why Aurora Forte?

As the rollout of 3G/UMTS services is an important issue for network operators, and as the E1/IMA protocol will be deployed on customer networks all over Germany, one of the most important benefits of Aurora Forte in general and for this customer in particular is the option to upgrade network interfaces with the E1/IMA protocol.

Naturally, Aurora Forte also supports a large number of VCCs, providing real-time statistics that include AAL ID, for instance. Any interface from T1/E1 up to OC-12/STM-4 can be tested, with a clear and quick-to-learn display of operation and results.

Other decisive factors that made Aurora Forte triumph over its competitors in Germany were the cell stream graph function, easy view of alarms, dual port for monitoring, support for the OAM protocol and IP Ping over ATM. Forte also includes a flexible traffic generator, as well as all the features needed to carry out ATM BERT and QoS measurements.

Future

Trend is committed to the Research and Development of products to meet the market needs. This means adding more features to our current products to enhance the value for existing customers, and initiating new product lines as the communication market evolves for our future customers. Overall, Trend is determined to provide innovative, feature-packed, affordable test equipment to maintain leadership in a market that demands continuous performance improvement.

Aurora Forte is one of the products developed constantly at Trend's R&D department, and its latest enhancement is the IMA interface module that provides up to 8 E1 links for analyzing the IMA layer and testing the available ATM bandwidth.

"Aurora Forte has an on-going development roadmap, and Trend intends to keep Forte as the leading portable network tester for the 3G market in the future as well," says Julian Russell, General Manager of Trend Test Division. "We think much of all our customers and are prepared to work hard to meet their needs, both today and in the future."

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