

data sheet

Quality of Service Measurement LAN/WLAN

How Wireless Consulting Works

Just 60 seconds and a click away:
the way we work is explained in the video.



Because good data quality **WORKS** better

The proof of the quality of service in a network allows a neutral and certified consideration of the data transmission quality in segmented networks - even when combining different services with different QoS requirements on one medium. We carry out EtherSam Ethernet tests according to ITU-T Y.1564 on the basis of previously defined parameters (QoS) and thus check the quality of the data transmission of your existing LAN and WLAN infrastructures.

The result: You will receive a test report from us which compares and documents the requirements and results and serves as a basis for the implementation of real-time applications.

We check - you benefit

The Quality of Service Measurement of Wireless Consulting is carried out according to the EtherSAM standard. It comprises the phases of **preparation, evaluation, technical execution on site** including measuring equipment and **preparation of a test report.**

1. Qualification of the implemented services

- Transmission rates (CIR/EIR) ✓
- Ratio (upload/download) ✓
- Package size ✓

2. Capturing the planned performance indicators (KPIs) of the implemented services

- Bandwidth ✓ - Packet loss ✓
- Runtime/delay ✓
- Running time fluctuations/jitter ✓

3. Preparation of quality of service measurements

- Development of measurement scenario ✓
- Creating the measurement topology ✓
- Creating the measurement matrix ✓
- Configuration of services in measuring instruments ✓

4. Network configuration test

- Minimum data rate CIR ✓
- Minimum data rate CIR to maximum data rate EIR ✓
- Overload / Overshoot ✓

5. Test of services

- Load test of the services "simultaneously" with QoS specifications ✓

6. Measurement protocol



7. Interpretation of measurement results



Good service & fair prices - a connection that **WORKS**

We charge for services and travel expenses according to actual expenditure - which we also provide proof of. The recording with initialization and post-processing is invoiced at a flat rate with the base amount, while the expenses for radio field measurement and analysis on site are invoiced according to time and effort in man days/system specialist.

Fault analysis – WLAN certification – Familiarization – Simulation – Wireless planning
Training – QoS Measurement – Commissioning – Configuration – Conception