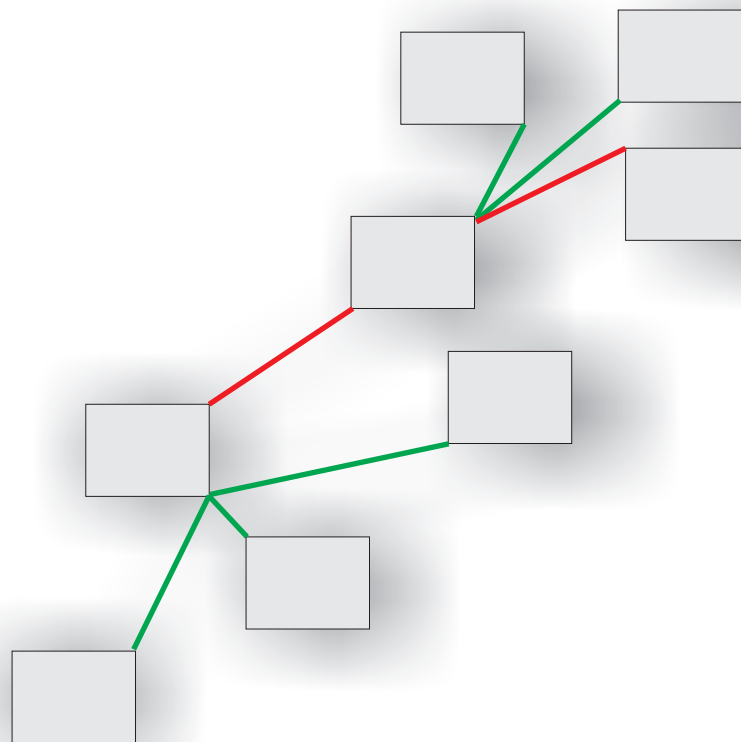




VoIP under control with **NetQuality!**

An automatic measurement system which records the VoIP properties of IP nets .



 VoIP Quality is not sufficient

 All parameters are OK

NetQuality

NetQuality was developed in order to analyze the extent to which IP networks are suitable for VoIP. The program records the VoIP properties of IP nets prior to installation of VoIP-components and monitors quality after their installation.

Measurements are carried out in three modes of operation:

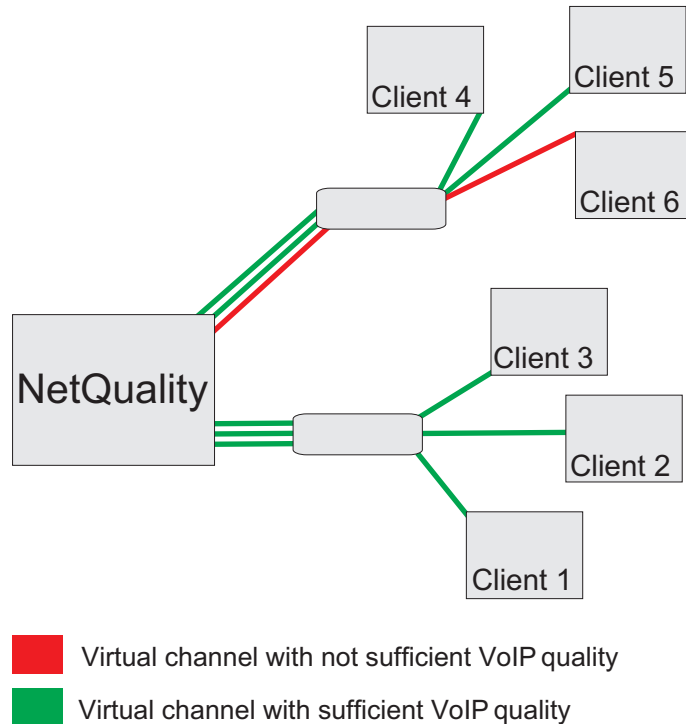
- quick test using RTP Simulation via ICMP Echo
- more detailed test which simulates VoIP conversations with UDP test clients
- use of authentic conversations from Innovaphone equipment after they have been installed (optional)

In each case the parameters "Packet loss", "Jitter" and "Latency" are covered.

An evaluation of these parameters based on their RTP features yields a clear assessment of the existing or predicted VoIP quality of the network.

Using the hardware profiles of specific IP telephones, e.g. Innovaphone, it is also possible to include the broadcast load of the net in the measurements.

The resulting data are stored in a SQL database, permitting further evaluation through a variety of different reports.



Key Features:

- ◆ Automatic tests in the network
- ◆ RTP simulation over ICMP Echo
- ◆ Measurement of jitter, delay, packetloss and max. loss
- ◆ Comes with hardware profiles of specific IP telephones

Innovaphone PBX option:

The parameters of conversations collected by the PBX can be stored in the NetQuality database for later evaluation. Useful for analyzing quality problems and accounting after the VoIP equipment has been installed.

Hardware Requirements:

NetQuality-Station:

Windows operating system versions 2000, XP, 2003 Server
network-interface with NDIS-driver

Clients:

Windows operating system versions 9x, XP, NT, 2000, XP, 2003 Server