



# TRAFFICLYSER® TRACEVIEW® VOIP

VoIP analysis software

A powerful software tool designed for recording and analysing network-traffic at single Ethernet access nodes, optimized for measurements within VoIP systems and provided with a number of specific functions for the VoIP sector as: list of connections, recording of quality-parameters etc.

The specific functions make possible e.g. a fast statement about the quality of the recorded VoIP connections.

## The following protocols are decoded:

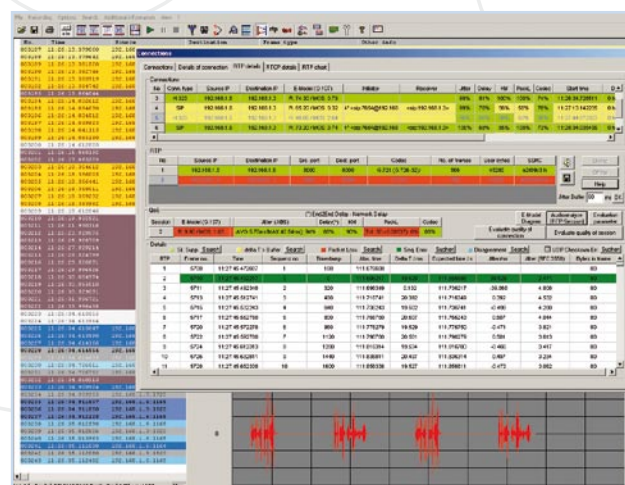
- Ethernet 2, IEEE 803.2
- PPPoE, STUN, MPLS
- IP 4 and 6
- TCP/UDP, ARP/RARP, ICMP, DNS, DHCP
- H.323 (H.225, RAS, H.245, H.235, H.450)
- SIP/SDP
- Skinny, MGCP, IGMP (Multicast -> IPTV)
- RTP, RTCP, T.120

## The following codecs are available:

- G.711 a-law
- G.711 μ-law
- GSM
- G.721
- iLBC
- G.729A
- G.723.1

## The perfect solution for measurement and analysis:

- When installing and implementing IP networks
- In the fields of assistance, maintenance, quality assurance and conservation of evidence
- For on-site troubleshooting
- To provide testing scenarios for different applications
- Examine the Quality of Service parameters (SLA)
- For schooling and educational purposes
- Easy to handle also for non-experts



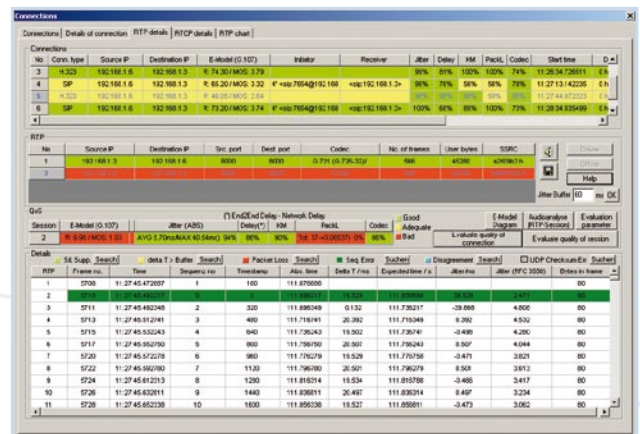
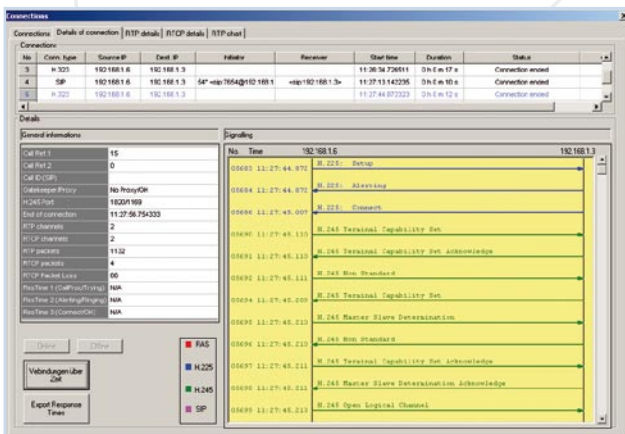
## System requirements:

- OS:** Win2000, WinXP, WinVista, Win2003 Server
- Memory:** min. 512 MByte
- Hard Disk Space:** min. 1 GByte
- Processor:** min. 1,4 GHz



### Features and Benefits:

- Recording of network-traffic at Ethernet access nodes
- Trace display and detailed decoding (partially at bit-level) of single packets, as well as visualization of single packets in hexadecimals
- Filtering of trace before and after recording
- Extensive search function
- Automated saving during measurements
- Loading and saving of single traces
- Printing of protocol-data
- Lists of names which are updated automatically or can be edited manually
- Statistics of recording with network-traffic diagram, circle diagrams with protocol distribution, list of Top-Talkers with graphical display and IP diagram
- Auto recognition of connection (H.323 and SIP) with extensive, selectable list of connections and details of connections
- Display of R factor and MOSCQE value based on E model (ITU-T Rec. G.107)
- Representation of the signalling by time diagram (arrow diagram)
- Recognition of RTP/RTP sessions and visualization of related packets, display of reference information
- Display of quality parameters like Inter-Arrival-Time, Jitter and Communication pattern
- Import/export from/to Wireshark format
- Creation of reports to be printed or sent over the internet
- Extensive help functions



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