

What about your streaming applications?



Due to higher bandwidths the use of real-time multimedia applications in the wireless/mobile community will dramatically increase.

To ensure the mobile customer enjoys a positive experience, the streaming data transfer has to be tested with SITE Streaming, which uses the industry standard RTP and RTSP protocols.



SIGOS offers you a fully automated Streaming Test System!

Features

- ▶ Simulation of real subscriber behaviour
- ▶ Simulation of different browsers, e.g. Netscape, MSIE
- ▶ Central SIM Multiplexer: infinite number of SIM cards can be managed
- ▶ Interfaces: GSM/GPRS U_m , UMTS U_u , WLAN
- ▶ Parallel subsessions per stream, e.g. video and audio
- ▶ Send streamed multimedia over IP
- ▶ TCP or UDP transport protocols
- ▶ Measurement interval in multiple of 100 milliseconds
- ▶ Used industry standard RTP/RTSP

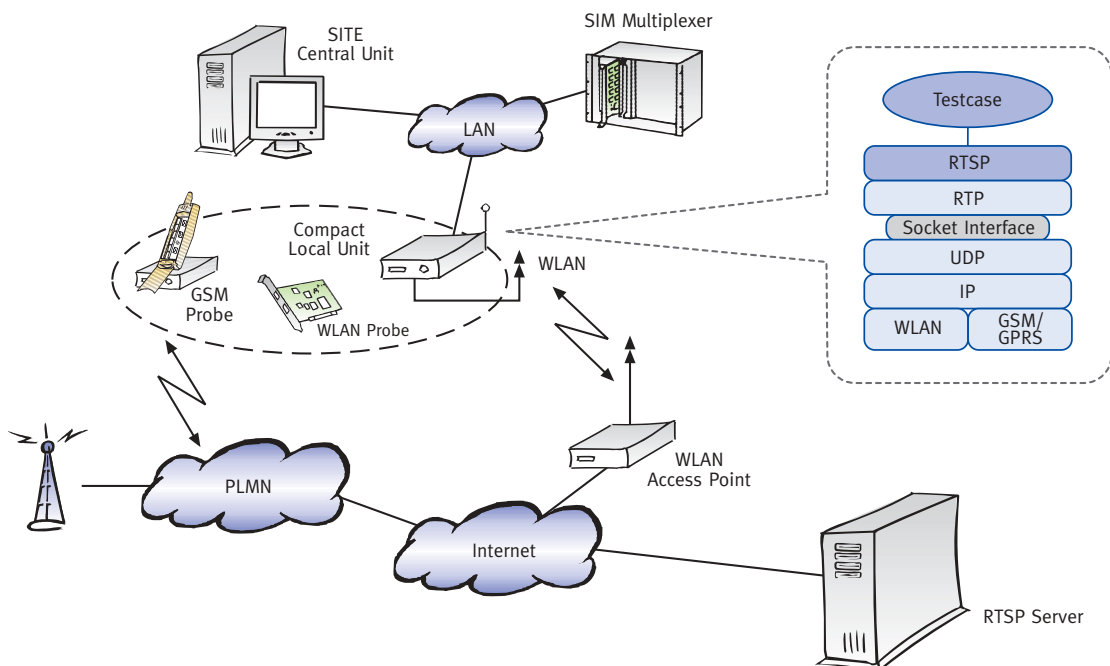


Parameters

- ▶ RTSP_URL: The location of the stream
- ▶ RTSP_Protocol: TCP or UDP as a transport protocol
- ▶ RTSP_DownloadDuration: Duration in seconds as a limit for the download

SITE Test System Architecture for Streaming

integration of the client-server multimedia presentation control protocol RTP/RTSP



Your benefits

- ▶ Automated testing: avoid time and money consuming manual tests
- ▶ Increase reliability of the GSM and UMTS networks → ARPU
- ▶ Increase customer satisfaction
- ▶ SQM: monitoring and measuring of service availability and quality → Ensuring SLAs with precise KPIs
- ▶ Scalable architecture: from stand alone to widely distributed systems
- ▶ Central SIM Multiplexing → No “SIM card traveling”
- ▶ Quick detection of problems due to parallel testing at any time