

# Spirent TTplugin VoiceQualityRTP

## Testing the Voice Quality in VoIP Networks

### Features & highlights

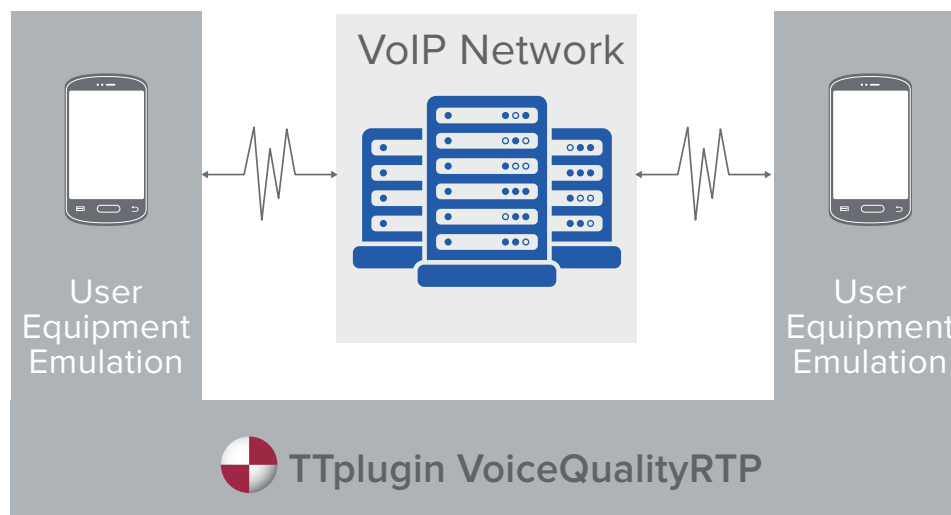
- SIP protocol to build up a connection
- Speech analyzing (MOS) according to
  - E-Model (ITU-T Rec. G. 107)
  - PESQ (ITU-T Rec. P.862)
- Gathering RTP session parameters
  - RTPPackets and RTCPPackets
  - Bytes, PacketLoss and SSRC
  - deltaTMean, TMax and deltaTMin
- Testing the voice quality of SIP signaled RTP stream
  - User agents / clients
  - Networks
- 42 example test cases to measure voice quality (PESQ, E-Model)

### Benefits

- Fast and simple test execution and analysis
- Repeatability of tests and full support of test automation
- Platform independence and rapid integration to existing test environments
- Flexibility through usage of the constantly evolving standardized test notation TTCN-3

### Supported audio codecs

- PCMU | PCMA | GSM | G.723 | G.726/32 | G.729 | iLBC



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