

Press Release

Certified passive waveform monitoring is now available for the first time

Checking live traffic for echo, noise, fuzzy voice and one-way calls

Hamburg, February 26, 2015. Voipfuture announces the certification of a waveform tool which examines the payload to detect noise, echo, amplitude clipping (fuzzy voice) and silence. No additional reference or test signal is needed to precisely spot these types of quality degradations.

The methodology was tested and certified by the MESAQIN.com laboratory. As experts in the field of speech, audio and multi-media transmission quality measurements and subjective testing, MESAQIN.com has contributed to various standardization bodies including ETSI, ITU and 3GPP.

“Combining state-of-the-art RTP flow monitoring, signaling monitoring and waveform analysis allows a highly detailed, yet comprehensive view”, said Dr. Michael Wallbaum, Director Product Marketing at Voipfuture. “The integrated analysis turns rich service quality data into deep insights, which individual measures cannot deliver.”

In addition, the Voipfuture solution inspects audio without infringing on customer privacy. Privacy protecting troubleshooting is an important issue and is certain to become even more so in the future.

Voipfuture is the RTP pioneer. In 2007, Voipfuture invented RTP monitoring to measure and evaluate voice over IP traffic. The approach enables live traffic to be assessed for quality of service.

The underlying assumption is that call quality deteriorates if packets are lost or do not arrive in time. Consequently, passive monitoring primarily focuses on the characteristics of RTP flows and their packets. This provides essential information on the quality.

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