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VOICE QUALITY ANALYSIS

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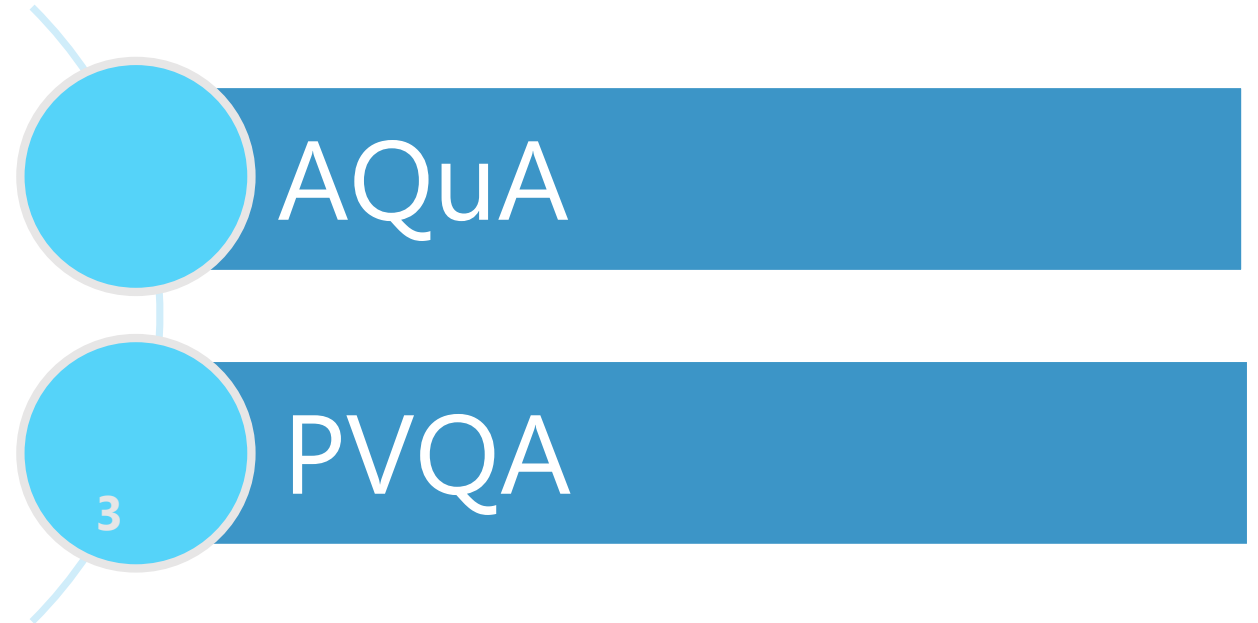


AQuA and PVQA Waveform Analysis



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- Active call quality analysis. Based on sending a reference audio signal through a network, recording it on the other end and comparing with the original reference to predict Mean Opinion Score (MOS).
- Passive call quality analysis. Based on “tapping” audio signal from real traffic, or analyzing recorded call audio. Does not require reference audio and can be applied to real traffic.

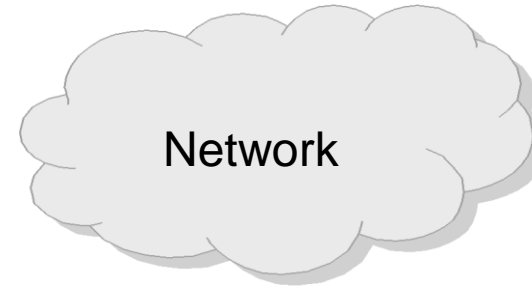


AQuA Waveform Analysis

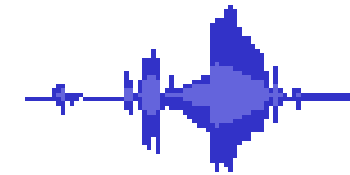


- Active call quality analysis. Based on sending a reference audio signal through a network, recording it on the other end and comparing with the original reference to predict Mean Opinion Score (MOS).

Reference audio



Distorted audio received by user



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Comparing reference audio with the audio received by user

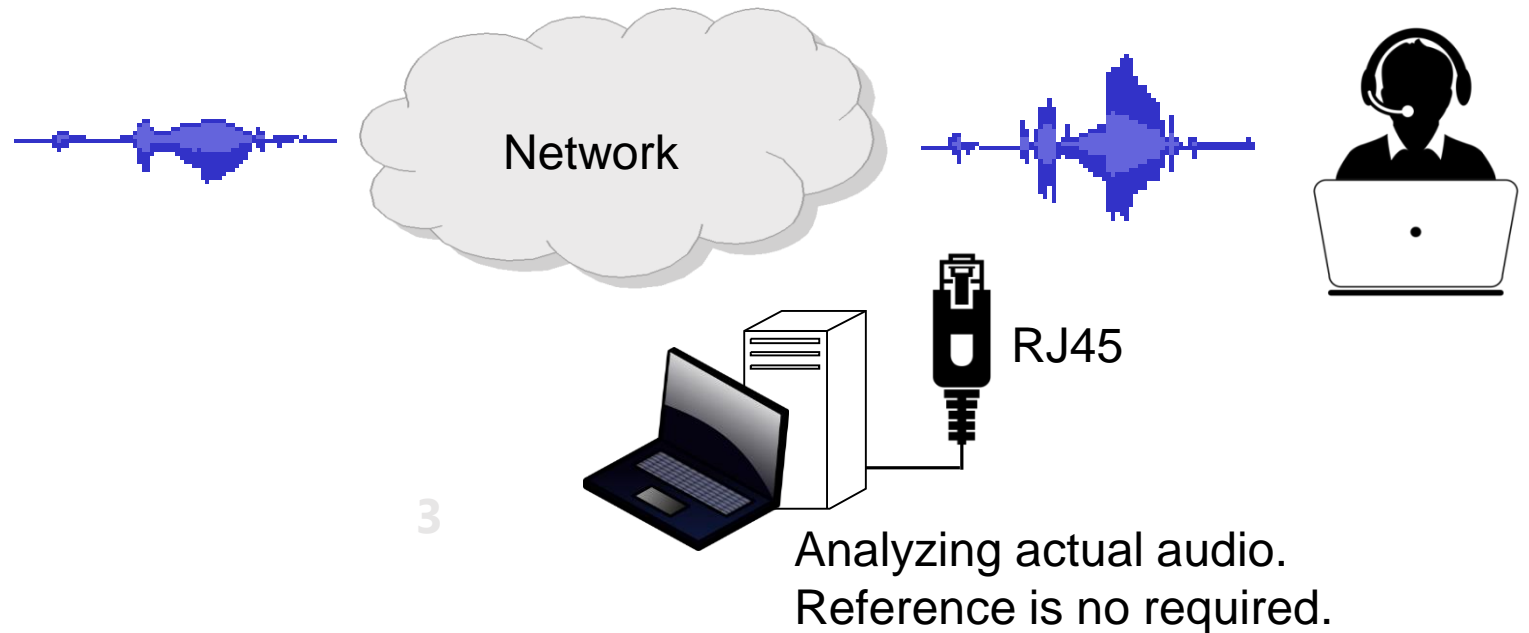
PVQA Waveform Analysis



- Passive call quality analysis. Based on “tapping” audio signal from real traffic, or analyzing recorded call audio. Does not require reference audio and can be applied to real traffic.

Source of audio signal

Distorted signal received by user

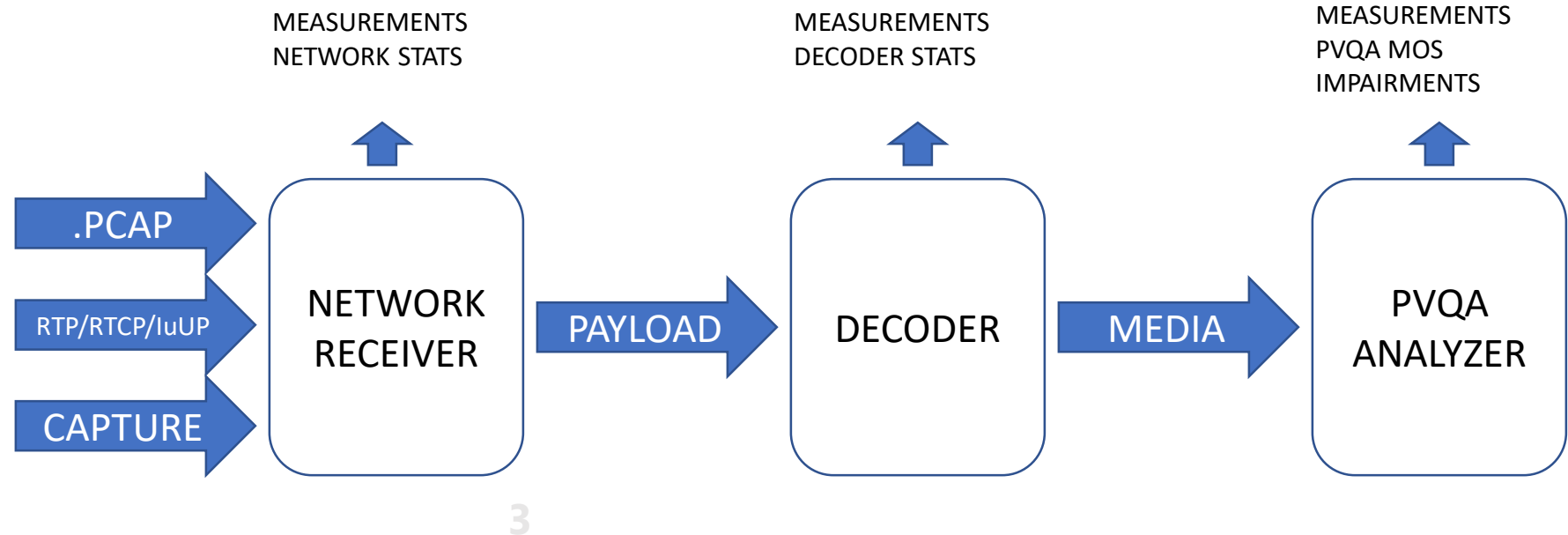


Passive Real-time Monitoring. PVQA Server.



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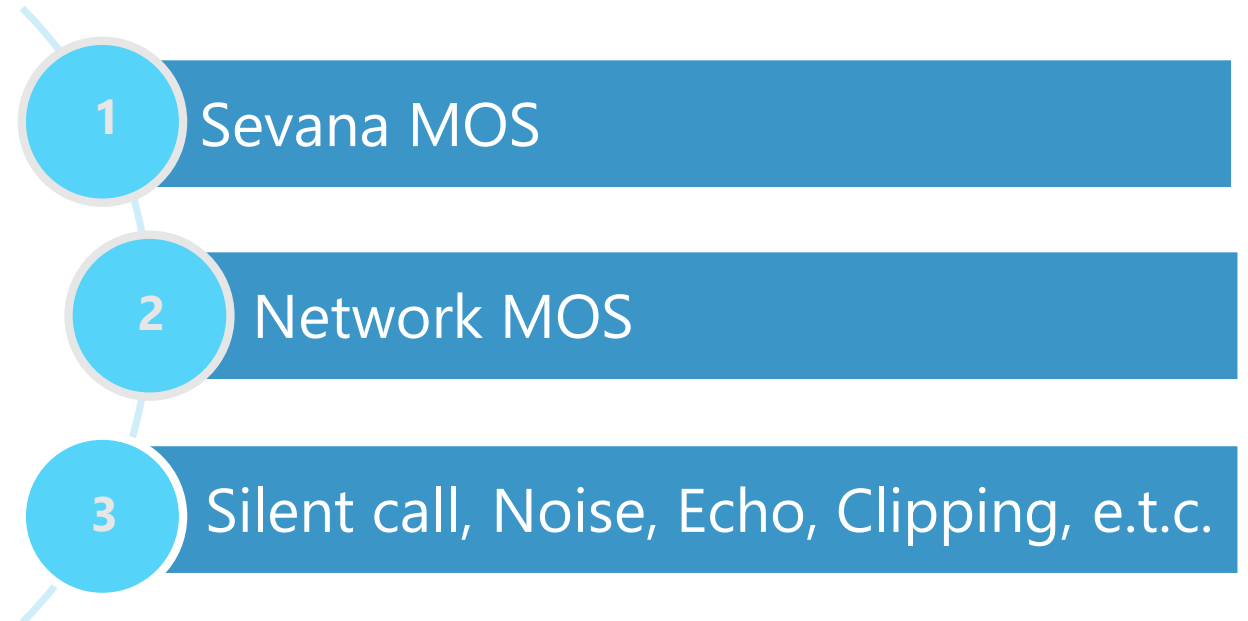


Sevana Real-time RTP Analysis. What Is It?

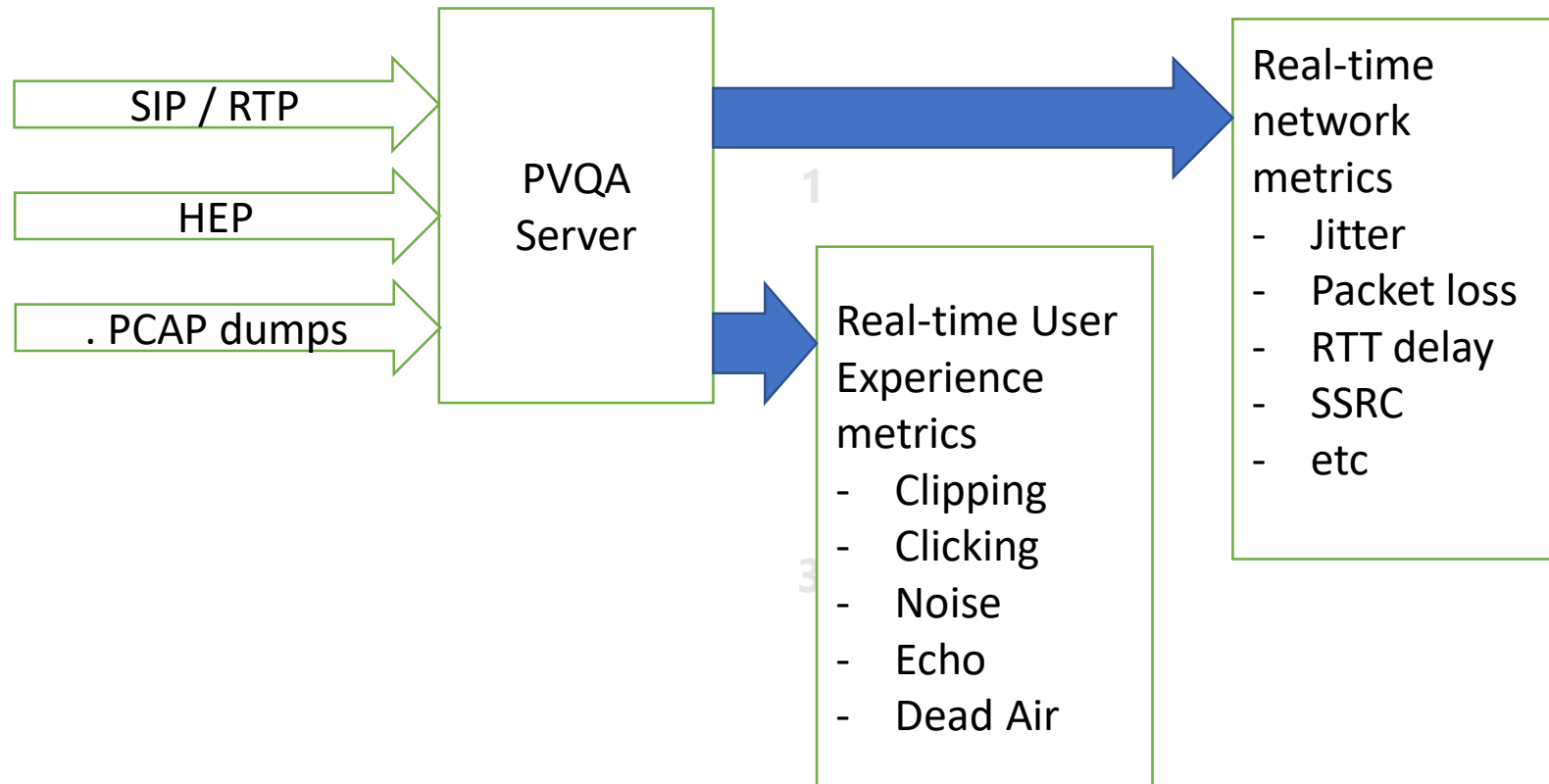


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- An effective means to evaluate and monitor voice quality of live traffic.
- Flexible integration into existing systems.
- Real-time MOS and variety of new waveform KPIs related to impairments that voice quality.



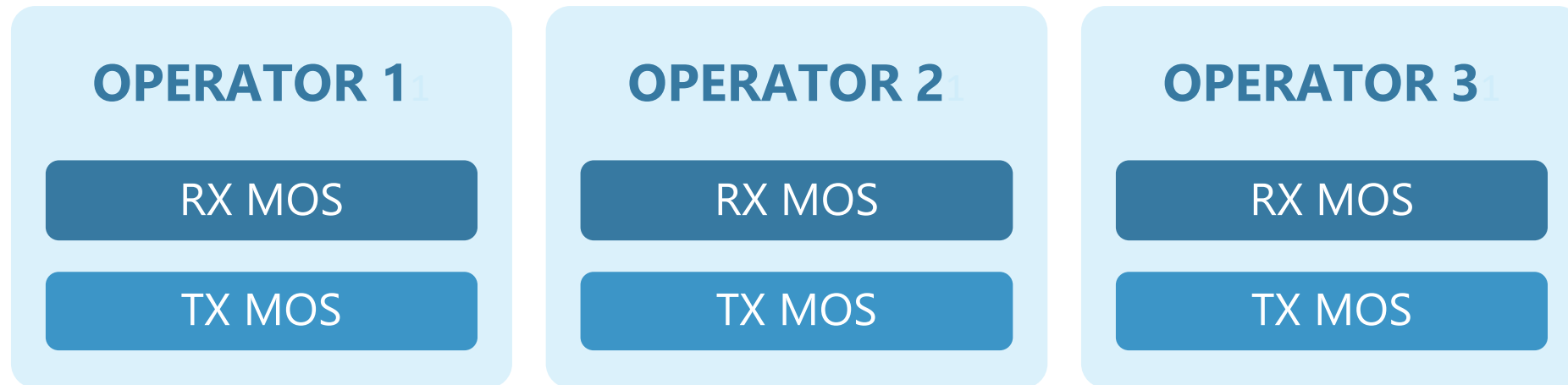
Sevana Real-time RTP Analysis. What Is It?



Who Provides Better Voice Quality On The Local Market?



Collect PVQA statistics for RX and TX from one operator to another.

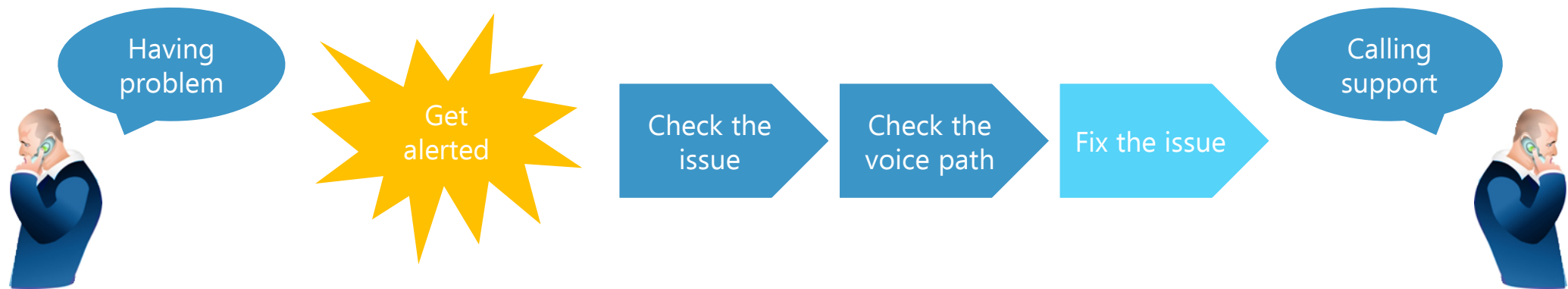


How To Reduce Number And Duration Of Service Calls?



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Add agility layer to your support with proactive maintenance based on **PVQA call quality monitoring**: let your support engineers be notified in when call quality issues prevail in conversation and based on impairments analysis speed up problem root cause discovery, e.g. packet loss inside payload, misconfigured voice gateway on the voice path, etc.



How To Prove The Quality Problem Is In Your Competitor's Network?



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Monitoring payload quality for both legs of the call gives a clear vision where the quality issues took place.

PVQA will report all impairments detected for called and calling party to compare.



Our Public References





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THANK YOU!

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