

MultiDSLAsolution

Voice & Audio Performance Assessment

MultiDSLAsolution is a end-to-end Test & Measurement solution that helps Operators, Service Providers and Device Manufacturers to measure and enhance user satisfaction.

Dashboards



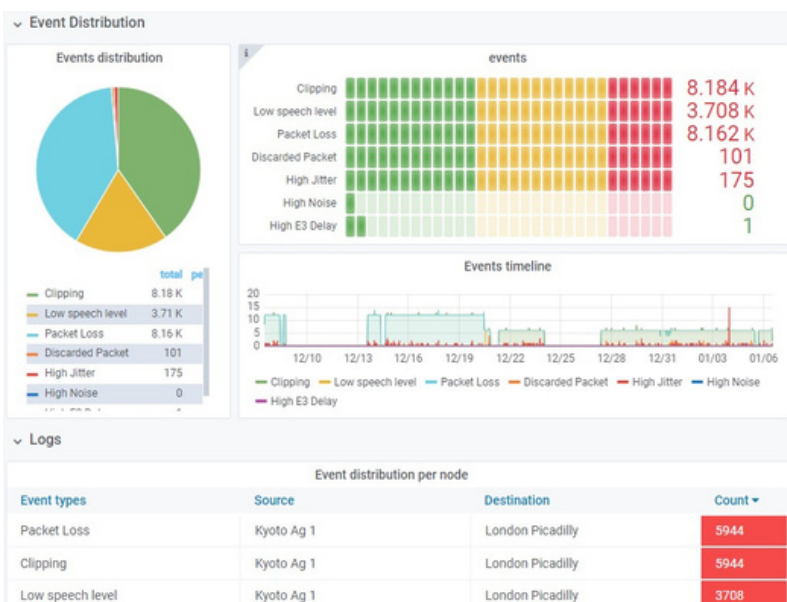
MultiDSLAsolution Controller



Nodes



Device/Network/Application Under Test



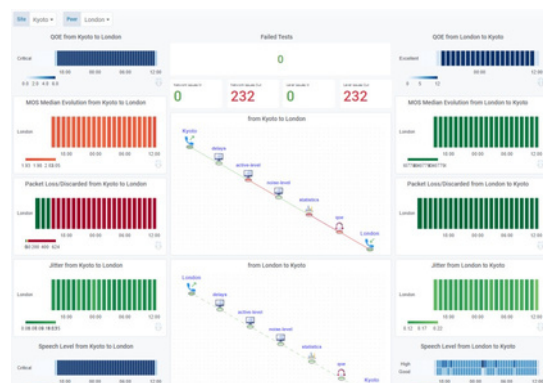
At a glance

The MultiDSLAsolution is based on 2 components:

- A set of nodes (hardware and/or software) that provide connectivity to the device, service or network under test;
- MultiDSLAsolution software that controls the nodes, creates and executes the tests and performs signal analysis.

Test results are analysed and stored in a datastore to enable dynamic dashboards and visualisation of voice quality KPIs and service availability/performance over time.

Tests can be fully automated using the API to remotely control the MultiDSLAsolution controller.



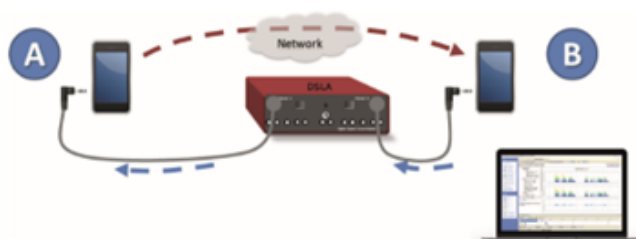
Use-Cases

MultiDSLAs are the most accurate measurement system for **Voice Quality Testing** and is the reference measurement for applications ranging from mobile to edge technology development to network operations. In addition to objective and standards-based voice quality scores such as **PESQ**, **POLQA**, **PEAQ** and audio MOS, MultiDSLAs offer waveform analysis, smart analytics and key performance indicators (KPIs) to help you identify the **root cause of distortions in the degraded voice signal**.



Lab Testing

- Interactive test creation
- Highest accuracy
- Extensive analysis
- Automation
- Python, Rest API support



Drive Test

- Speech quality score (POLQA, PESQ)
- One-way delay, Speech/Noise level
- GPS based location and time
- Uplink/downlink analysis
- 4G/5G network Coverage



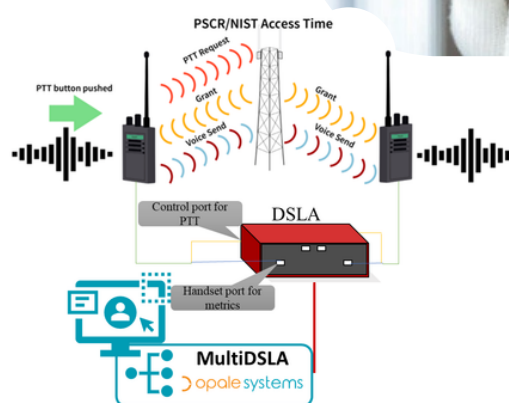
Voice Service Monitoring

- Service Availability & Performance
- KPIs & Dashboards
- Unattended operation
- Alerts on threshold
- Scalable and modular



MCX (Mission Critical Services)

- Push-to-Talk tests Automation
- 3GPP KPIs measurement
- Voice Quality MOS
- Service Access Time
- Custom adaptation to 3rd party devices



Contact Information

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