

actix analyzer: advanced voice calling analysis

Comprehensive VoLTE/Wi-Fi performance analysis

Advanced voice calling via voice over LTE (VoLTE) and voice over Wi-Fi (VoWi-Fi), brings a variety of technical and commercial benefits to mobile network operators (MNOs). Yet the blend of radio and IP signaling that supports the service remains inherently complex, while customers expect performance to exceed – or at least match – 2G/3G voice.

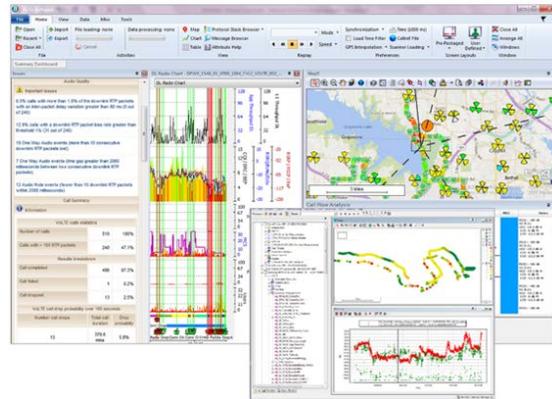
This complexity isn't limited only to radio access. Beyond strict RAN requirements, the core and IMS must perform well and as mandated by the multi-domain nature of VoLTE/VoWi-Fi. Furthermore, the need for cross-domain analysis and end-to-end performance visibility makes analysis of advanced voice calling even more challenging.

Building upon Actix Analyzer

Actix Analyzer is the industry's leading desktop software for drive test data analytics. Actix Analyzer builds on this technology by harnessing drive test data to provide a hardware-independent, comprehensive foundation, enabling targeted, rapid, expert analysis of cross-domain VoLTE/VoWi-Fi performance.

Targeted, rapid, expertise

Actix Analyzer combines the synergies of Actix Analyzer with Amdocs' voice calling expertise. Powered by Actix Analyzer on one hand, a product trusted by over 300 customers including Tier-1 MNOs and major equipment vendors, it 'productizes' Amdocs expertise on the other, to address the need for targeted, rapid, and expert VoLTE/VoWi-Fi analysis.



The solution leverages the following key Actix Analyzer capabilities:

- Cross-domain VoLTE/VoWi-Fi analysis
- Device-to-device (D2D) calling analysis
- VoLTE/VoWi-Fi interoperability analysis
- VoLTE health report (default version)
- End-to-end call flow viewer
- Pre-defined state views and
- Cross-RAT call analysis browser query
- Screen layout template for detailed analysis of SIP signaling and VoLTE call state
- Analysis of advanced voice calling customer experience, such as call quality mean opinion score (MOS) or incomplete calls (gone to voicemail)

It also builds upon relevant engagements and Amdocs' advanced, award-winning* Advanced Voice Calling solution.

launched in 1997	10,000+ licenses	300+ customers
file formats supported (approx) 50 based only on format type	350 based on format type and tech	support for over 50 HW vendors
80% efficiency gain (data post-processing)	30,000+ attributes	100+ LTE/LTE-A networks
#1 multi-vendor desktop SW for drive test data post-processing	more than 500 queries	200+ reports events
12 releases/year	93% of users satisfied with support (2015 survey)	used in 6 continents

