actix

An Amdocs Company

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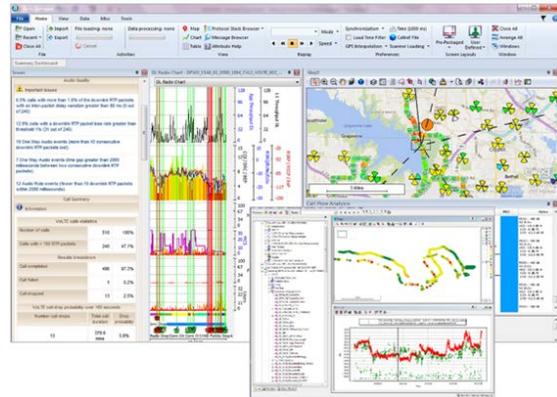
This complexity isn't limited only to radio access. Beyond strict RAN requirements, the core and IMS must perform well and as mandated by the multi-domain nature of VoLTE/VoWi-Fi. Furthermore, the need for cross-domain analysis and end-to-end performance visibility makes analysis of advanced voice calling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

launched in 1997	10,000+ licenses	300+ customers
file formats supported (approx)		support for over
50 based **only** on format type	350 based on format type **and tech**	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 l events
12 releases/ year	93% of users satisfied with support (2015 survey)	used in 6 continents

Actix Analyzer by numbers

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.

Benefits

- Enhanced, cost-effective analysis of advanced voice calling
- Faster identification and resolution of issues that affect customers' experience of VoLTE / VoWi-Fi
- Peace of mind by relying on proven network expertise
- Less time spent on manual VoLTE / VoWi-Fi data manipulation and reporting
- Reduced risk of subjective or inaccurate analysis of VoLTE / VoWi-Fi performance
- Better MNO governance of vendors/teams who provide VoLTE / VoWi-Fi analysis
- All the key benefits of Actix Analyzer including no drive test equipment vendor lock-in

Building upon success since 1997, test equipment vendor independence and the trust of more than 300 customers.

About Actix

Actix is a global leader in mobile network analytics and optimization that was acquired by Amdocs in 2013. Founded in 1991, Actix has offices in UK, Germany, USA, Brazil, Australia, China, India, Malaysia, Singapore and UAE.

Actix is known for Actix Analyzer, the world's first multi-vendor desktop solution and the de facto global standard for drive survey based mobile network analytics. Actix is also known for ActixOne, the industry leading RAN analytics and optimization platform to cost-effectively plan, roll out, launch, optimize and manage multi-vendor and multi-technology networks.

Contact Actix

For more details, please contact: **sales@actix.com**

Device-to-Device (D2D) analysis

VoLTE-VoWi-Fi interoperability analysis

VoLTE Health report

www.actix.com