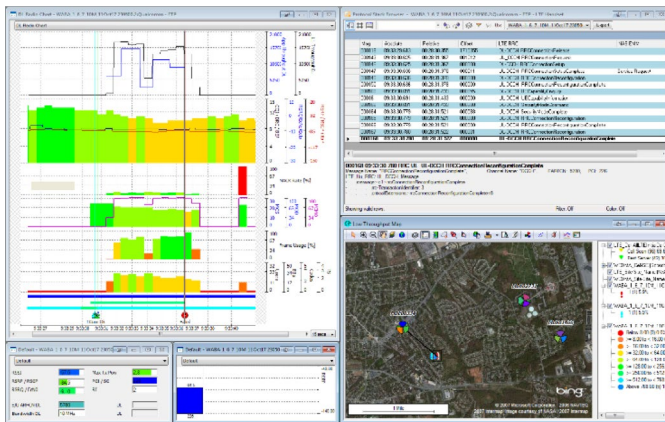


Amdocs Drive Test Analytics Suite by actix



The global standard for verifying 5G network densification, with drive test and indoor walk test optimization support

Amdocs Drive Test Analytics Suite by actix is the leading desktop solution for drive and walk test data post-processing. Introduced in 1997 as the world's first multi-vendor desktop solution for drive survey based analytics, Amdocs Drive Test Analytics Suite by actix supports wireless network and device performance analysis, acceptance, benchmarking and optimization.



Used by over 300 network operators worldwide, including 25 of the top 30, Amdocs Drive Test Analytics Suite by actix is recognized as the global standard in drive test data post-processing, and offers a number of key capabilities:

- **Truly multi-vendor:** support for all major drive/walk test data sources
- **KPI reporting:** advanced management-quality reports for network performance analysis and site acceptance
- **Automated (Spotlight) analysis:** embedded workflow for the automatic identification of typical issues
- **Ease of use:** map-centric visualization organized around the most common tasks of engineers
- **Data services analysis:** embedded workflow focusing on the issues impacting data service experience
- **2G, 3G, 4G, 5G-NR and Wi-Fi:** comprehensive support across wireless chipsets, devices and test equipment
- **Indoor analysis:** support for all major test equipment to enable in-building network performance analysis
- **Configurability:** streamlining new technology/service introduction and enabling engineers to share expertise

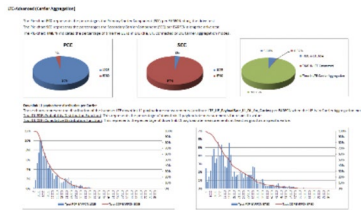
These capabilities have been essential to the success of several mobile network launch and optimization projects worldwide since 1997. From GSM to 5G Standalone NR, Amdocs Drive Test Analytics Suite by actix helps operators assess network performance and identify issues that affect service quality and customer experience.

Truly multi-vendor

Amdocs Drive Test Analytics Suite by actix is a multi-vendor solution that actively supports all major drive test equipment vendors across radio technologies. By recognizing and normalizing measurement data of different formats, Amdocs Drive Test Analytics Suite by actix can provide engineers with a consistent network performance view irrespective of the logging tool used.

KPI reporting

Library of KPI reports: validation/ acceptance reports on the network coverage, quality and capacity performance.



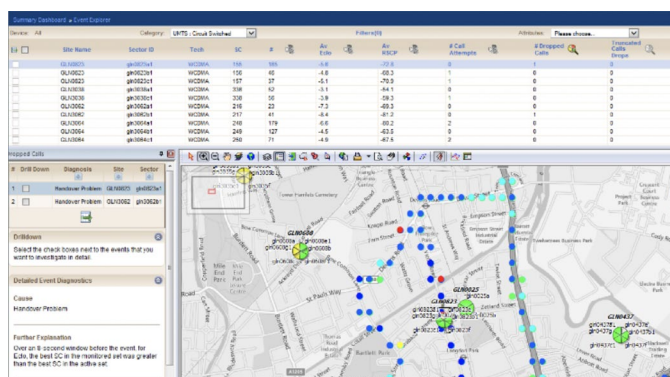
Microsoft Excel integration: for spreadsheet based analysis and reporting, using templates created and shared by engineers.

Flexible KPI definition: powerful event and query engines to build virtually any KPI from network/ service measurements.

Automated (Spotlight) analysis

The Spotlight module provides reporting, automated trouble-shooting and radio coverage analysis to help engineers resolve and report on network performance issues faster, by eliminating time-consuming data manipulation and manual deduction.

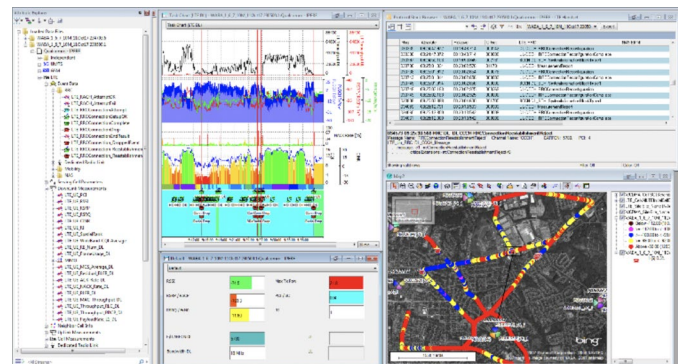
Call event explorer: highlights the cause of failure events, and provides engineers with the ability to drill down and analyze issues in detail.



Radio network analysis: RF coverage and overshooting, pilot pollution, neighbor lists (intra/inter-RAT), interference, etc.

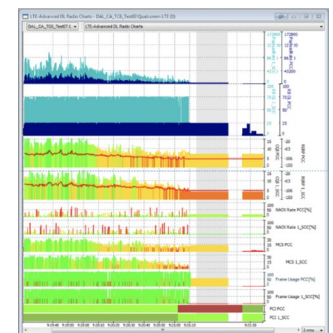
Ease of use

The Amdocs Drive Test Analytics Suite by actix visualization capabilities enable engineers to analyze complex data in an intuitive and effective way. Data and events can be plotted on maps, charts and tables, with all views fully synchronized.



Data services analysis

Amdocs Drive Test Analytics Suite by actix helps engineers diagnose the cause of data services issues, by using the entire data session and correlating service performance with the underlying network measurements.



Engineers can thus establish if poor service performance is due to RF quality or congestion in the core/radio network.

IP packet inspection: full IP layer decode and session analysis enables KPIs on jitter, packet loss, retransmission and other measures of IP performance to be built.

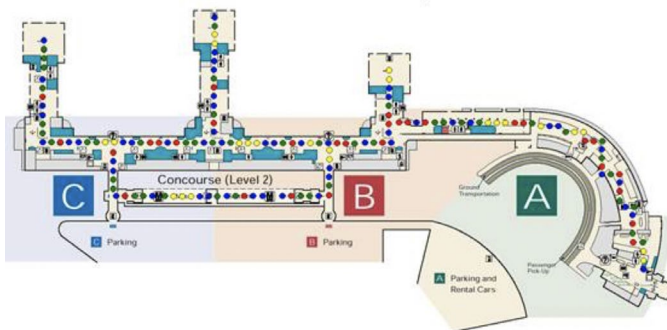
2G, 3G, 4G, Wi-Fi and 5G-NR

Amdocs Drive Test Analytics Suite by actix has provided the leading analysis capabilities needed in the launch/optimization of various mobile networks world-wide, supporting GSM, E-GPRS, CDMA, EV-DO, WCDMA, HSPA+, LTE Advanced-Pro as well as 5G-NR. This includes features such as for VoLTE, LAA, CBRS, NB-IoT, massive MIMO, Carrier Aggregation, VoLTE and EN-DC.

5G-NR: with most cellular service providers seeking to roll out 5G-NR, Amdocs Drive Test Analytics Suite by actix has developed support for NSA and SA deployments, with a variety of KPIs tailored towards initial rollout and ongoing optimization.

Indoor analysis

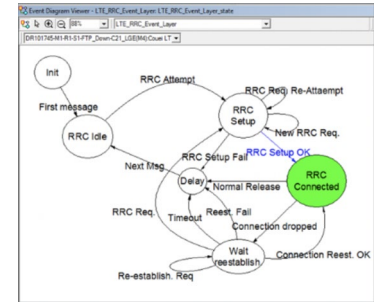
Amdocs Drive Test Analytics Suite by actix geo-references all collected RF measurements and events, overlaying them on a building layout image. Sophisticated KPI reports can be generated to evaluate the in-building performance or launch readiness of a network.



Configurability

Amdocs Drive Test Analytics Suite by actix enables expert engineers to define KPIs, events and analysis workflows in order to streamline the testing of

technologies and services, and to share expertise with the broader team.



Amdocs Drive Test Analytics Suite by actix provides many configuration layers including events, queries, KPIs, screen layouts, reports and state views.

Why Amdocs

Amdocs is a preferred partner for tier-1 and tier-2 service providers across the globe, with a proven track record supporting projects during all phases of network rollout and acceptance including, but not limited to RAN, transport and core design, provisioning and troubleshooting services, pre/post-launch optimization, triage and NFV-O, for multi-vendor, multi-technology heterogeneous open networks.

For more information, visit:

[Network Deployment & Optimization](#)