

NESA - NETWORK EXPERIENCE SERVICE ASSURANCE

Operator challenges in service assurance

- Drive testing for 4G/5G rollout is expensive and provides partial network visibility
- Vendor lock-in inadequate for multi-vendor networks
- Network and IT intrusive for logs collection
- Missing end-to-end correlations leading to high resolution times
- Domain specific platforms, not network agnostic

R Systems highlights

- Corporate HQ: California, USA
- Revenue: USD 114m+
- Employees: 2,750+
- Global offices: 26
- Geo: N. America | Europe | APAC

Contact: marketing@eu.rsystems.com

What is NESA?

Cloud-native automated platform for network experience, service assurance and predictive maintenance. The platform empowers telecom operators to successfully tackle 4G/5G network performance challenges using existing standard traffic traces.

Differentiators

1. Driveless RAN rollout with Minimization of Drive Testing (MDT)
2. Telco-grade SaaS, secure hardened, elastic architecture designed for big data
3. Vendor agnostic, one platform to serve all networks
4. Network element agnostic RAN, Core, IMS, E2E
5. Zero-touch network integration, no IT and no network changes
6. Direct IP connectivity to network elements for logs collection

Benefits and use cases

- **Driveless 4G / 5G rollout** is cost effective and representative for network experience
- **Automated replacement** of drive tests for site certification and quality assessment
- **End-to-end network correlation and user experience:** data throughput, voice quality
- **Coverage heatmaps** analysis, hotspot detection and network capacity upgrades
- **AI, ML, automated network-wide** performance monitoring, reporting, troubleshooting
- **Predictive maintenance** of network failures

Technologies

