NESA Accelerator & AI

Optimized energy consumption without operational disruptions

Unlock the power of NESA & AI for sustainable growth – get real-time analytics and actionable insights into your operations with our cloud-native automated platform for network experience and service assurance. Tackle 4G/5G network performance challenges using existing standard traffic traces reported by the RAN, as specified by 3GPP, to reduce environmental impact without affecting the user experience.

Benefits

- **High forecasting precision**, providing traffic information exceeding OSS granularity.

- **Improved network reliability** and operational efficiency, resulting in fewer outages and better services for customers

- **Team of industry experts** who understand the unique challenges of telecom operators

- **EnergAIze integration** for optimized energy use with precise traffic predictions

Use Cases

- MDT – Minimization of Drive Tests

- Realtime end user experience monitoring

- Single glass pane for operational analytics across multiple vendor network

- Selective detailed tracing for troubleshooting RAN problems

Key Features

- 3GPP traffic traces ingestion from any RAN vendor equipment
- Zero-touch network integration, no HW / SW / IT changes, just typical OSS configuration for traffic tracing
- Automatic CI/CD on cloud through direct IP connectivity from network elements (e.g. eNodeB) to data collector

- Secured on-premises/ on public cloud deployment with encrypted anonymous data protection
- Scalable architecture, with microservices and containers to manage large network traffic