

Accuver

Big-data Solution Introduction to AEGIS-AP



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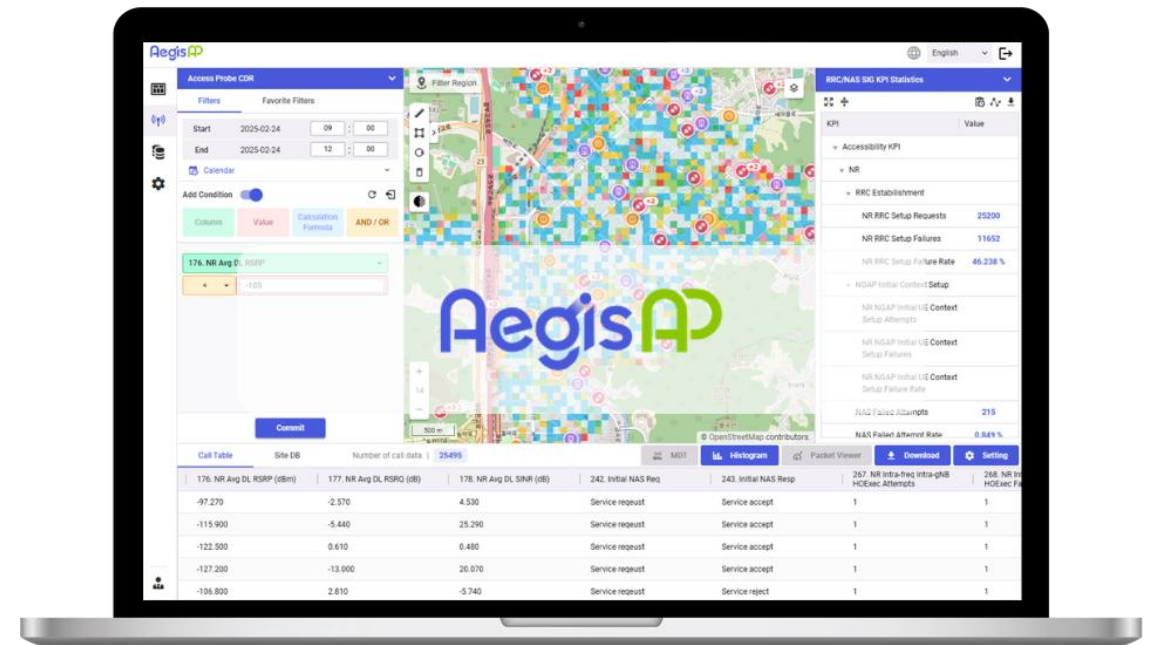
About AEGIS-AP

5G RAN data collection and analysis system

AEGIS-AP is a system for 5G RAN data collection and analysis, utilizing GIS-based map visualization to intuitively display network performance.

It supports network optimization and problem-solving by visualizing the results of statistical analysis, map analysis, and more via real-time data collection and automated analysis.

All these features are provided as a cloud-based solution.



The Development Background of AEGIS-AP

! What strategies are you currently employing for network optimization? Continuous Field Engineering! **But is it enough for 5G, New Smart Network?**



Tester dependency



Testing relies on direct involvement of testers, making results dependent on their capabilities.

Complicated Expense



Multiple cost factors arise, including measurement vehicles, equipment, and personnel.

Time Constraints



Measurements are possible only during tester working hours, leading to time restrictions.

Area Limitations



Measurements are limited to the areas accessible by testers.

Mobile Network Operator needs

! All Mobile Network Operators face common imperatives that drive their strategic decision-making.



Pre-detect problems before VOC

MNOs aspire to preemptively identify and resolve potential issues before customer complaints arise



Resolve issues immediately

MNOs strive for the immediate detection and resolution of any emerging issues



Realtime Network Optimization

Real-time network optimization is a key objective for all MNOs

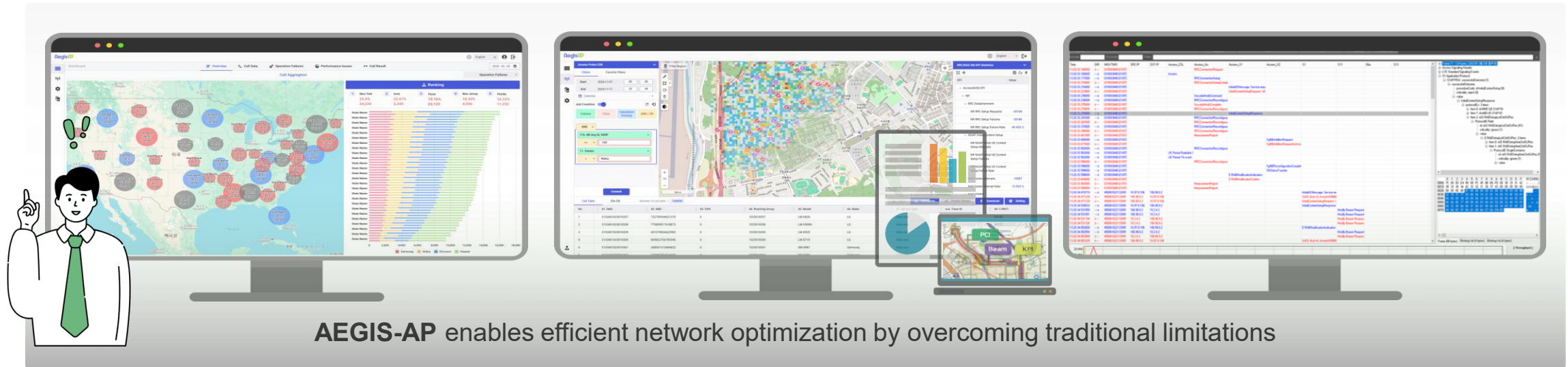


Guarantee QoE & QoS for all devices

MNOs are committed to delivering optimal QoE and QoS for all users, regardless of device

Beyond the Limitations : Why AEGIS-AP?

 **AEGIS-AP** offers an efficient way to manage an overall access network



Automated Analysis



Eliminate dependency on testers with automated data collection.

Expense Clarity



Automation clarifies and streamlines complex spending.

24/7 Data Collection



Provides 24/7 data collection for continuous analysis.

Nationwide Data Collection



Gathers data from any cell network area, unlike limited area testing.

Anticipated Impact of AEGIS-AP



With **AEGIS-AP**, add a Better Efficiency and Smart Intelligence to 5G



Rapid Response to Customer Feedback (VoC)

AEGIS-AP enables rapid QoS/QoE actions based on customer feedback (VoC).



Speeds complaint resolution, boosts satisfaction



Enhanced Work Efficiency

AEGIS-AP drives smart network evolution leading to maximized work efficiency.



Automates management, boosts operation.



Real-time Network Analysis

AEGIS-AP improves network quality utilizing near real-time network analysis.

Faster issue response, better stability



Optimized Resource Allocation

AEGIS-AP optimizes the allocation of analysis time and manpower resources for field issues.

Cuts resolution time, minimizes waste.



Enhanced Collaborative Network Optimization Solution



Use case



Network issue detection

- Automated detection of network issues according to predefined criteria. (User-Configurable)
- Send Bad Cell List, Causes, and Location Information to XCAL-Manager.

Precision measurement

- Auto-generate measurement region and scenarios from Bad cell list and locations.
- Send measurement schedules to the field team and auto-upload logs post-measurement.

Detailed Analysis

- Automatically generate reports using uploaded log files.
- Detailed analysis can be performed using uploaded log files.

AEGIS-AP's key features for analysis

Live demo

The Future of Mobile Network Optimization: AEGIS-AP

In today's fast-paced digital landscape, efficient mobile network optimization is critical. Leveraging the power of big data, AEGIS-AP empowers mobile network systems to achieve unprecedented levels of optimization.

By analyzing vast amounts of network data, AEGIS-AP provides actionable insights that enable proactive problem-solving, streamlined resource allocation, and enhanced overall network performance.



We aspire to be your paramount partner