



COGNISENSE

Data Insights through Advanced Geo-Analytics



www.teoco.com



CogniSense is a business intelligence solution that delivers actionable data insights into subscriber, device and network performance, all powered by geolocated data and advanced analytics.

Modern mobile networks generate vast amounts of subscriber experience data. When this information is further enhanced with geolocation data and analytics, it provides extra value for engineering, customer care and marketing teams within your organization. For example, in the quest to continually improve operational efficiency, engineers need a way to rapidly resolve issues impacting the business. But finding the root cause often requires the use of advanced geo-analytics and sophisticated visualization tools. It is also important for users to be able to quickly access relevant information generated by these tools.

CogniSense was built to deliver on these requirements; providing geo-analytics dashboards with a high-level overview of network, subscriber and device performance, and customized reports to meet specific needs. You can even drill-down into charts and geographic information systems (GIS) to troubleshoot or further investigate the results of business-driven analytics.

“TEOCO is able to offer the kind of large-footprint solutions for assurance and network planning and optimization that CSPs increasingly desire.”

- Analysys Mason



TEOCO is a network engineering tools market leader

For over 5 years, Analysys Mason has ranked TEOCO as a leading vendor of network engineering software tools.

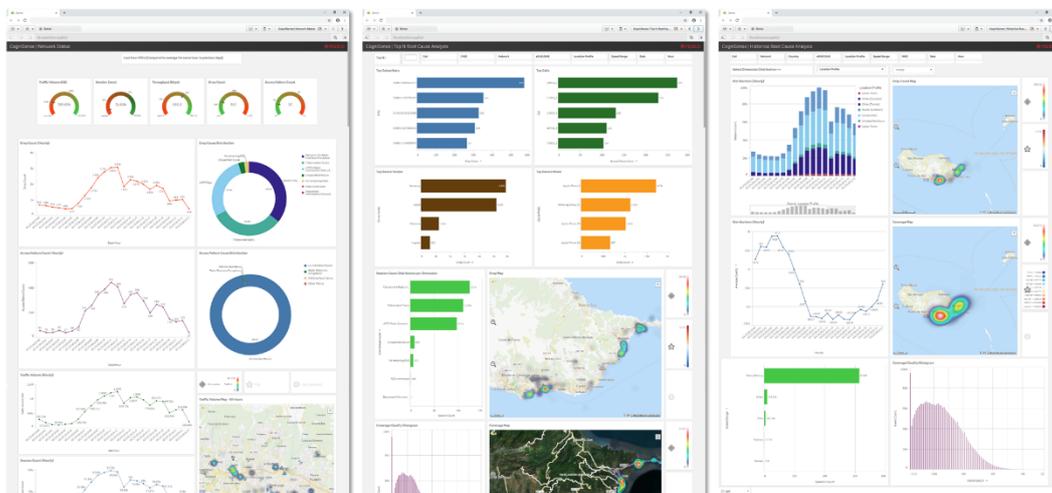


Advanced Geo-Analytics

Best-in-class geo-location analytics and virtual drive test capabilities including binned maps, VDT with complete L3 event analysis and KPI color-coded sectors all on a GIS.

Scalable Data Handling

Built on a globally proven, highly scalable, modern "Big Data" BI platform with a powerful HTML 5.0 web-based user interface to handle the vast amounts of data generated by modern networks.



Actionable Insights

Focused on highlighting not only the issues but recommending resolutions too, through a rich set of graphical components for sophisticated visualizations.

Self Service

Users can create and customize their own dashboards, analyses and charts. A reporting module enables easy creation, scheduling and distribution of great looking reports.

Beyond Network Improvement

Data monetization and subscriber profiling with use cases such as roaming analytics and profile segmentation analytics.



CogniSense delivers numerous network improvement, monetization and subscriber profiling use cases based on advanced geo-location based analytics. Some examples include:



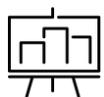
Network Status

At a glance network status dashboard including latest hour network KPIs and history of KPIs and trends.



Roaming Analytics

Analysis of users based on their home network. Enables the assessment of roamer behavior and localization.



Top N Root Cause Analysis

Enables the efficient monitoring and analysis of problem subscribers, cells and devices and investigation for root cause analysis.



Profile Segmentation

Enables the efficient analysis of user profiles for the identification of time, behavioral and geographical patterns.



Historical Root Cause Analysis

Combined with the top N dashboard the historical RCA dashboard provides further historic trending of faults and KPIs.



Dashboard Customization

Combined with the top N dashboard the historical RCA dashboard provides further historic trending of faults and KPIs.

ABOUT TEOCO



TEOCO is a leading provider of analytics, assurance & optimization solutions to over 300 communication service providers (CSPs) and OEMs worldwide.

Our solutions enable the digital transformation of CSPs while enhancing their network QoS, improving their customer experience and reducing their operational costs.

Through advanced analytics and automation, TEOCO solutions provide actionable and measureable insights into network and customer behavior. This includes the optimization, effective monetization, and delivery of new and existing services, such as VoLTE and Video.

Our commitment to network flexibility and agility makes TEOCO the obvious choice for CSPs looking to leverage NFV/SDN and the rise of 5G, and to maximize the revenue potential of new opportunities tied to video and the emerging Internet of Things (IoT).



**Global
Footprint**



**Extensive
Portfolio**



**Proven
Solutions**



“TEOCO’s market leading position in Engineering Systems reflects the success of its extensive network planning and optimization solution set, built by some very cohesive acquisitions and integrated effectively to form a leading portfolio”

- Analysys Mason