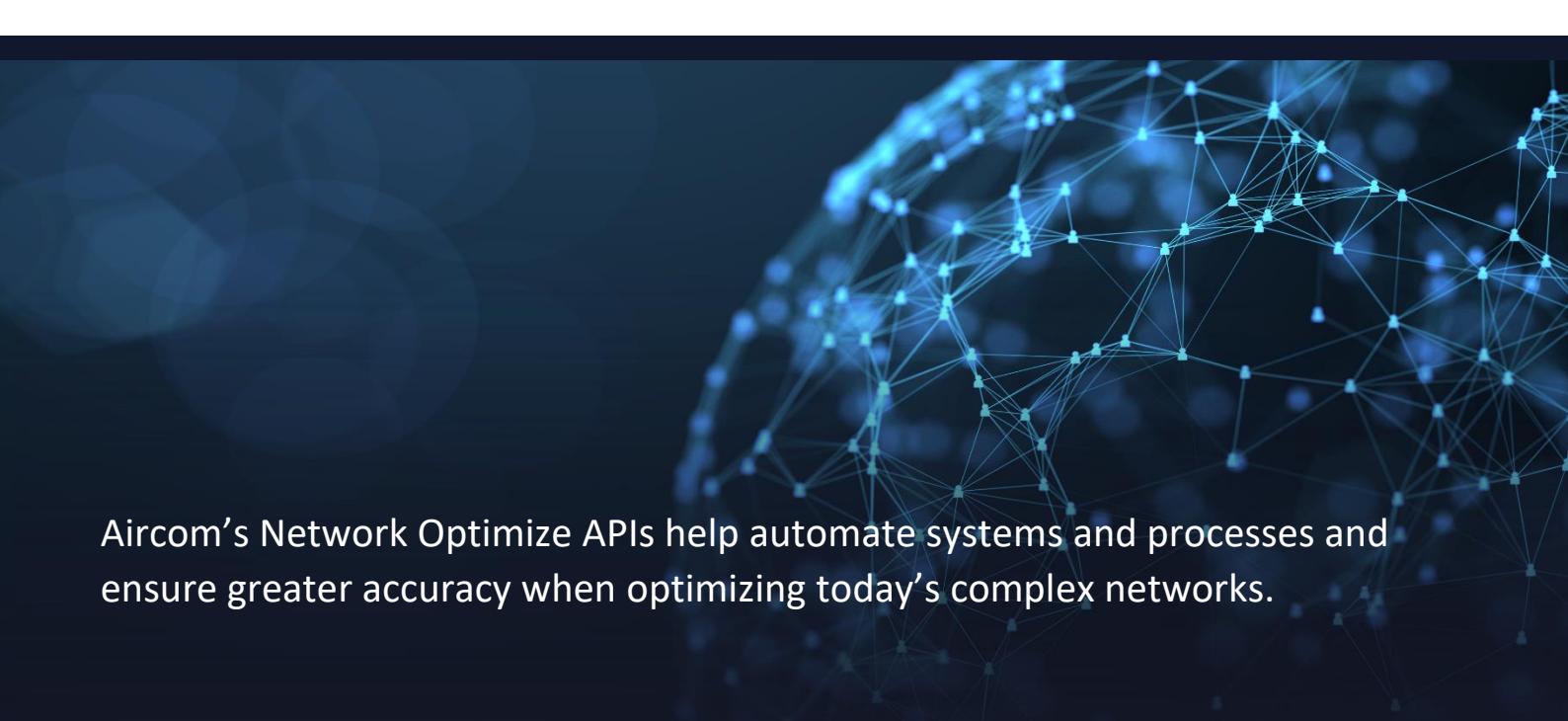




# NETWORK OPTIMIZE APIs and AUTOMATION

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Aircom's Network Optimize APIs help automate systems and processes and ensure greater accuracy when optimizing today's complex networks.

APIs play a crucial role in optimizing mobile networks – providing the necessary mechanisms for seamless integration, automated workflow orchestration, and real-time data exchange across diverse network environments, software systems, and components. This makes them essential for zero-touch automation.

Aircom's APIs complement our products by enhancing information exchange between systems, leading to better information sharing across the organization and the full automation of many network optimization tasks. That means groups like Marketing, Customer Service, and Field Teams, can get key RAN-based business insights when they need them.

**Aircom's Optimization APIs complement the Mentor product suite:**

- **Geo Data Feeds** - Send location intelligence information and positioned measurement data to a 3rd party or data lake.
- **Event Streamer** – Send parsed RAN data to a 3rd party/data lake to enable E2E Analytics.
- **ASSET Geo** – Leverage geo-located traffic and performance maps for more accurate radio network planning.
- **Subscriber Analytics** - Send individual subscribers QoE insights to a 3rd party or data lake.
- **Engineering Analytics** - Send RAN cell trace-based KPIs to a 3rd party or data lake.
- **Geo Maps** - Leverage geo-located traffic and performance maps to a 3rd party or SON solutions.

Network Optimization APIs and Automation are part of aircom's Mentor Suite, a comprehensive portfolio of products delivering advanced subscriber geolocation analytics and network optimization.



Share geolocated data insights across your organization.

This powerful API enables users to push location intelligence information and position measurements to a 3rd party or data lake. Build your analytics on this powerful, rich location data.



Match subscriber experience heatmaps with KPIs.

Leverage geo-located traffic and performance heatmaps to understand the user experience. Our real world traffic maps provide users with a valuable QoE view for more accurate radio network planning.



Leverage call trace data for improved analytics.

Valuable RAN event information from call trace data can be captured through our API. The data can help provide valuable information that can be used for powering critical analytics applications.

The Mentor Suite consists of the following products:



**CogniSense**

Multi-technology network monitoring, analytics, structured troubleshooting, and reporting.



**Mentor**

Multi-technology, user-driven troubleshooting, and automated, cluster-wide optimization.



**Forte**

Automated GSM frequency planning, neighbor list optimization and spectrum refarming.



## About Aircom

### **Aircom is a leading provider of RAN analytics, design, and optimization solutions to communication service providers (CSPs) worldwide.**

Aircom is a brand that you have known and loved for many years, now backed by the financial strength of TEOCO.

For over 25 years, aircom has enabled mobile operators to automate how they plan, configure, and optimize their networks. This is even more critical when dealing with complex services like fixed wireless access (FWA), 5G standalone, private networks, and IoT, where everything needs to work in harmony to deliver a supreme customer experience. Through advanced analytics, our products provide actionable and measurable insights into network and customer behavior.

#### **Cutting-edge products and services.**

Market-leading solutions for addressing today's complex RAN environments.

#### **Innovation is in our DNA.**

We have the latest AI/ML-powered algorithms, automation, and new services to revolutionize your RAN.

#### **Trusted by the world's leading service providers.**

125+ customers in 100+ countries. We have the knowledge and experience you're looking for.

With decades of experience and a customer list that spans the globe, aircom helps its customers improve service quality, resolve network challenges, automate processes, and establish a competitive edge.

#### Trusted globally

**2000+**

Users logins into aircom tools daily

**125+**

CSPs run their networks using aircom tools

**100+**

Countries with active aircom tools & services