Network Services

aircom

A TEOCO Company

RAN Services delivered as packaged solutions; a powerful combination of tools, methodology, people and global best practices.

When a service provider's operational expenses are under scrutiny, increasing permanent headcount can be difficult. External consulting services may be the best path forward. They can reduce time to market for a new technology, add capacity over a short duration when hiring permanent staff would be impractical, and introduce your team to best practices from around the world.

Aircom's Radio Access Network (RAN) Services provide you with a cost-effective team of experts, along with our proven network-enhancing solutions. Our record of success is based upon several key factors; unbiased independent advice, access to our extensive portfolio of tools, global experience, and the fact we recognize the unique aspects of each network. Our RAN Services help ensure each of our customers can stay ahead in a highly competitive marketplace; enhancing their network, maximizing ROI and delivering real value to their customers.

> Aircom offers a broad portfolio of tools-driven services, spanning network audit, planning and optimization, and day-to-day operations.

With hundreds of planning, optimization and refarming projects delivered within the past 5 years, along with a number of fully managed service engagements, our RAN Services team has a proven track record of delivering successful projects and providing measurable value to our customers. Our comprehensive portfolio of planning, optimization, configuration, geo-analytics and service assurance tools assist us in delivering high quality, vendor independent consultancy services.

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Our extensive multi-vendor experience allows us to share best practices from market leaders around the globe, and our offshore capabilities help ensure our deliveries are timely and cost-effective.

Network Planning and Evolution

A poorly designed network can lead to costly performance issues that siphon away valuable time and resources in efforts to find a fix - often without success.

An inefficient design can significantly increase CAPEX for no additional performance gains. By outsourcing the planning process to aircom, you benefit from a comprehensive set of planning tools designed to address all technologies and network layers. All complemented by our dedicated team of vendor-independent experts, who bring decades of network planning know-how to your project.

Network Optimization and Capacity

As networks expand and traffic increases, performance typically degrades. Additionally, customer behavior changes over time, shifting traffic within the network. This traffic needs to be re-balanced to level utilization across the network which helps to delay CAPEX spending on new equipment.

By outsourcing network optimization and capacity planning to aircom, you benefit from a proven software solution that addresses all network technologies and layers, as well as from our dedicated team of vendor-independent experts. Services include proactive cluster optimization, new feature activation and ROI based capacity expansion planning.

Audit and Operations

Running a network requires thousands of tweaks daily to ensure peak performance and the quality of service your subscribers expect. All these changes invariably lead to unintended errors being introduced to the network. Periodic audits help identify issues and provide recommended resolutions to ensure your network is configured and performing as expected. Additionally, as your network evolves and grows, performance benchmarking can identify where your network is superior to your competitors and where improvements are needed.
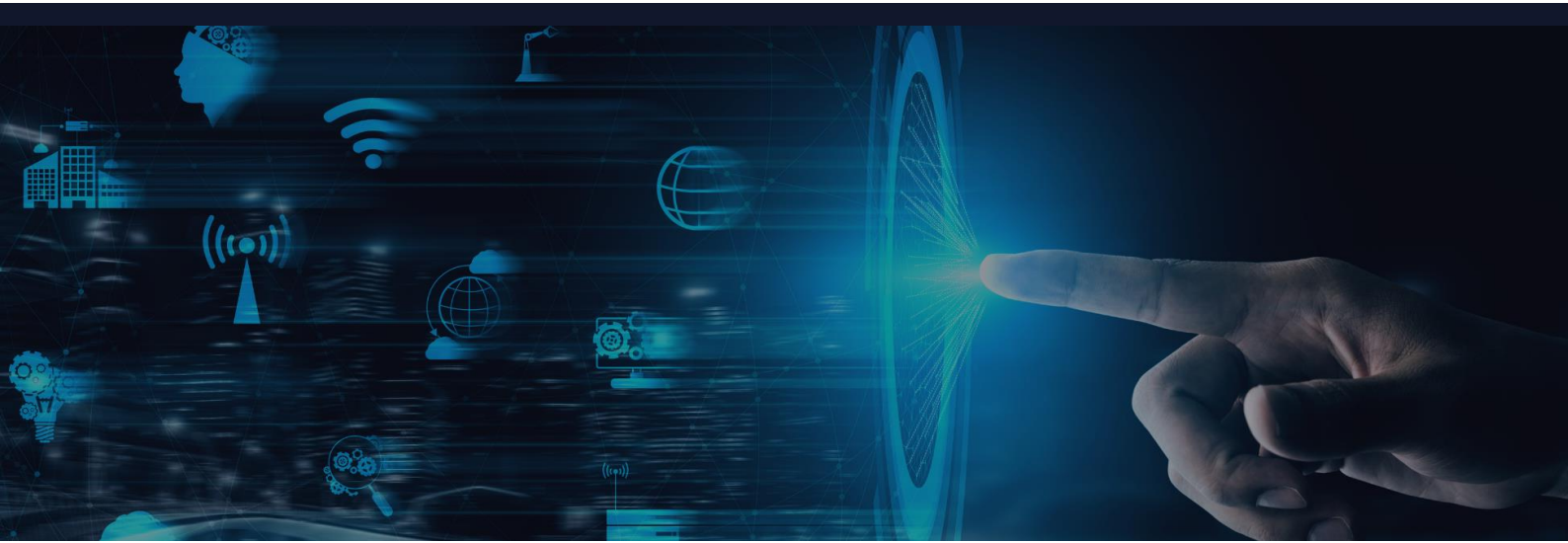
At aircom, we provide operational services that reduce the workload placed on your engineers. This includes subscriber and network analytics, customer complaint root cause analysis and vendor management. By outsourcing your audit and operations tasks to aircom, you benefit from our complete solution, designed for all network technologies and layers, as well as from our dedicated team of vendor-independent experts.

Spectrum Re-farming

As newer technologies are adopted and networks are upgraded, older networks often become under-utilized. This means it is feasible to re-farm spectrum from older networks without degrading performance. The newly released spectrum can then be allocated to the new network, which costs significantly less than buying new spectrum at auction. But freeing up unused spectrum is not as simple as it sounds.

Operators don't typically have the frequency planning specialists required to undertake a re-farming project. Over the past three years, aircom's dedicated team of experts have had a 100% success rate across more than 50 projects; re-farming spectrum while also often improving the performance of carriers' legacy networks.

Managed Services

Aircom's team of telecom experts have been providing cutting-edge solutions and consulting services to communication service providers since 1995.

We provide a full suite of managed services, undertaking all aspects of network planning and optimization. Typical engagements are long-term and cover all strategic and operational aspects of network planning, optimization, capacity expansion, spectrum refarming, performance management and customer experience management -delivered by our engineers with support from our extensive portfolio of software tools.

Aircom's Managed Services bring experienced consultants and proven solutions to your network while reducing overall costs. Our success is based on several key factors; unbiased independent advice, our extensive portfolio of software tools, global experience, local viewpoints, and the fact we recognize the unique aspects of each network. Our aim is to enhance your network and maximize return on investment, allowing you to focus on maintaining market leadership and delivering real value for your customers.

About Aircom

Aircom is a leading provider of RAN analytics, design, and optimization solutions to communication service providers 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.
With 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+	125+	100+
Users logins into aircom tools daily	CSPs run their networks using aircom tools	Countries with active aircom tools & services