

SPECTRUM REFARMING SERVICES



SPECTRUM REFORMING



TEOCO's spectrum refarming service helps network operators overcome spectrum limitations, enabling them to successfully deploy new services.

Wireless spectrum is expensive, yet without a sufficient supply, new technologies such as LTE and 5G cannot be deployed. In many cases, as customers adopt newer technologies and networks are upgraded, the older networks still exist but often become under-utilized. This means it is feasible to refarm spectrum from older networks without degrading their 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.

Over 50 successful refarming projects delivered in the last 3 years

Our robust, multi-vendor, measurement-based methodology is delivered by specialists and underpinned by state-of-the-art tools designed to maximize network performance. At the heart of our spectrum refarming solution is Forte, TEOCO's powerful, vendor independent, 2G optimization tool that provides KPI-based evaluations. We deliver future-proof plans by incorporating network growth predictions into the design.



"TEOCO's consultancy services business represents a competitive strength as operators look to contract out many complex aspects of multi-technology network operations and planning." – Analysys Mason

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Our methodology

Our approach automates data collection, parsing, analysis, and implementation script creation, and delivers accurate network modeling and advanced simulation. At TEOCO, we have the expertise and capacity needed to consistently deliver excellent results, reducing the usual risks associated with rearming. By taking responsibility for the complete process across all vendors, we are able to closely monitor and manage every activity; from preparing the network and collecting measurements, to implementation and post-implementation parameter tuning and verification, we go the extra mile to ensure success.



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Why TEOCO's spectrum reforming services?



Maximize spectrum ROI

Realize a higher return on investment by re-allocating spectrum to more lucrative technologies.



Measurement-based

Our measurement-based approach is proven to deliver better results than a prediction-based approach.



Minimize risks

We take responsibility for all reforming activities from start to finish.



Ensure Success

TEOCO has delivered over 50 successful reforming projects in the past 3 years.



Best practices

Global multi-vendor experience ensures we are able to share best practices from market leaders.



Local support

With a presence in all regions of the world, TEOCO has the scale, expertise and local staff to support you.

ABOUT TEOCO

TEOCO is a leading provider of analytics, assurance and optimization solutions to over 300 communication service providers (CSPs) 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, TEOCO products provide actionable and measurable insights into network and customer behavior. This includes the optimization, effective monetization, and delivery of new and existing services, such as 5G.

Our commitment to network flexibility and agility makes TEOCO the obvious choice for CSPs looking to maximize the revenue potential of 5G investments and capitalize on new opportunities tied to 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