CASE STUDY

NETWORK DEPLOYMENT AND TESTING

Global 4G Provider Chooses Accuver for Rapid Network Deployment and Optimizing, Without the Need for Skilled LTE Engineers

One of the largest 4G LTE service providers both in India and globally sought to invest and deploy a new, nationwide, next generation network to support the delivery of its innovative services and rapidly grab market share from established players.

The Challenge

To leap frog over its competitors, it was imperative that the service provider achieve rapid time to market of its 4G differentiated services. In tandem, swift radio network optimization was required to ensure a quality end user experience.

At the time, 4G LTE was an evolving technology in India and a shortage of trained LTE radio engineers needed to test and optimize such a large nationwide network proved an obstacle.

To meet its objectives, the service provider could either hire or contract expertise from overseas (a cost-prohibitive endeavor) or they could adopt a radically new and innovative approach to achieve rapid network optimization at scale, in a cost-effective manner.

The Solution

The service provider turned to Accuver based on its industry-leading reputation for comprehensive, rapid, and accurate wireless testing and measurement solutions for LTE networks.

From the outset, Accuver worked closely with the service provider's network testing team to understand their unique requirements. With a fast-approaching launch deadline and minimal LTE skill sets on-hand, Accuver's XCAL-Auto, an automated network optimization platform, was deployed.

Used extensively on many of the world's largest networks, XCAL-Auto is a cost-effective autonomous solution used to perform large-scale wireless measurements using various remote test units (RTUs). These RTUs may be individual smartphone devices, test laptops and/or benchmarking solutions..

The solution is scalable and lends itself to rapid deployment. The XCAL-Auto solution provides operators with a continuous stream of real-time measurement data from the network as perceived by subscribers.

With XCAL-Auto, the deployment achieved 100% coverage on drive routes. No prior training of field technicians was required to configure or manage the intuitive XCAL-Mobile field tools. XCAL-Auto automated the entire testing process remotely. The solution configured drive routes for field personnel, enabled remote network monitoring, and generated automated performance issue and coverage limitation alerts as well as KPI reports.

With Accuver, rapid LTE network deployment was achieved ahead of deadline. Powered by XCAL-Auto's automation capabilities, a superior radio optimization efficiency was realized, while reducing errors in the field and speeding the overall network testing process.

CUSTOMER PROFILE

COMPANY:	INDUSTRY:	PRODUCTS:
Large Global 4G LTE Service Provider	Mobile Telecom	XCAL-Auto, XCAL-Mobile

Key Benefits

1. Speed LTE network deployment without the need for a skilled engineer workforce. No training required.
2. Realize economies of scale with a cost-effective platform that automates network testing across large areas.
3. Easy to use interface eliminates user error and speeds testing time.
4. Solution is ideal for large-scale, accelerated deployment of a brand new, next-generation network.

For more information, visit Accuver website or contact sales.usa@accuver.com.

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