ASSET

RADIO PLANNING IS NO LONGER A STANDALONE ACTIVITY

A network plan is never static, as traffic grows and moves the network design needs tweaking. This could include changing the configuration of existing sites, adding new ones to plug coverage holes or increase capacity or deploying small cells for increased capacity and in-building coverage.

As new technologies, such as LTE, are adopted these need to be deployed on top of existing networks. Utilizing as much of the existing network infrastructure by co-siting new cells is the only cost-effective way to deploy a new technology. This requires careful planning, especially if the technology layers are to be complimentary to each other.

ASSET is a radio network planning tool providing coverage, capacity, cell parameter and neighbor planning. It is a multi-technology tool allowing the planning of GSM, UMTS, LTE, Wi-Fi, small cells and other technologies in a single project. It can be customized through a range of productivity packs to add additional functionality.

Ranked by Analysys Mason as the largest vendor of network planning software, AIRCOM (acquired in 2013), delivers the most comprehensive solution available through its global reach.
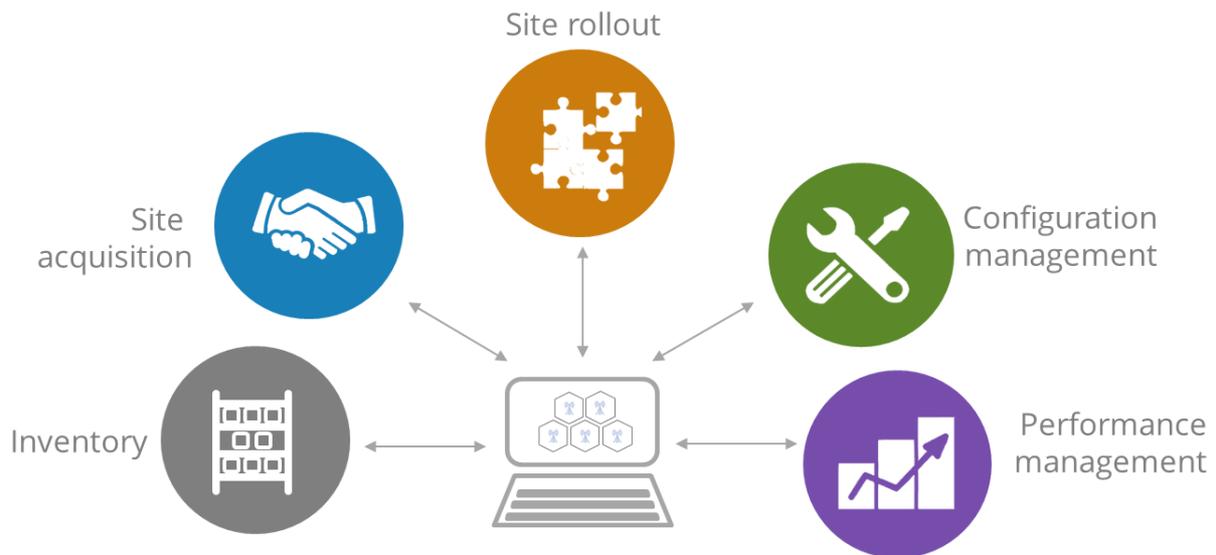
Comprehensive Feature Set & Strong Integration

Security & Integrity

Local Support

Largest Player in the Market

Future Proof Investment

Site rollout

Site acquisition

Configuration management

Inventory

Performance management

INTEGRATED PLANNING PRODUCT PORTFOLIO

Our tightly integrated planning portfolio includes:

CAPESSO

Automatic cell planning tool with the capability to use predictions, drive test data and geo-located data to ensure the richest data source is used at each stage of the network lifecycle for best results

CONNECT

Transmission network planning tool providing path profiling, frequency and interference analysis, and routing and capacity optimization

DIMENSION

End-to-end network capacity planning tool providing network visualization, capacity management and scenario planning (what if analysis and forecasting)

MULTI-TECHNOLOGY SUPPORT

GSM, UMTS, LTE, Wi-Fi, CDMA, WiMAX, etc...

GIS – MAP VIEW

GIS designed for radio network planner, featuring a comprehensive set of display and layering functionality

PROPAGATION MODELLING

Empirical and deterministic propagation models + option to add 3rd party ones. Models can be tuned and their accuracy can be improved by using measurement data.

COVERAGE MAP GENERATION AND PRINTING

Schedule and produce nationwide coverage plots and statistical reports (Web or print).

TRAFFIC MODELLING

Traffic forecasting and capacity analysis + modelling of new services prior to implementation.

NEIGHBOR PLANNING

Most powerful neighbor planner on the market. Neighbor relations between cells including IRAT handovers can be planned and analyzed. Neighbor relation parameter planning is also included.

MEASUREMENT TOOLBOX

Network measurements from multiple sources such as drive tests, carrier wave measurements and mobile measurement reports can be imported into ASSET.

SECURITY

Delivering a true multi-user environment for large scale corporate deployments.

MULTI-USER ACCESS

The ASSET database can be shared across multiple users and multiple sites, with a current view of the network always available, without manual synchronization.

WEB-ENABLED INTEGRATION

A modern approach for integration based on SOA compliant web services endows ASSET with the ability to easily integrate into large scale multi-application environments.

TEOCO INTEGRATION

ASSET allows seamless and reliable integration to other TEOCO solutions for service assurance, cost management and network optimization. This sharing of data provides significant improvements in planning accuracy, business efficiency and ultimately network performance.