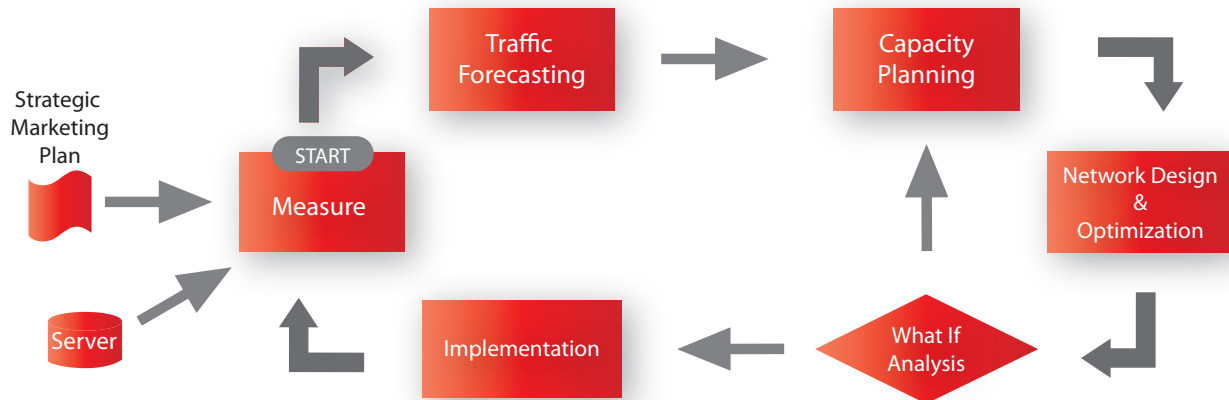


Network Optimization

The Cerion Optimiser™ Software Suite

The demand for mobile broadband services is increasing exponentially. It is easy to see that wireless operators need fast, reliable methods and tools for modeling and predicting the impact of mobile broadband traffic on the design and configuration of their networks. This involves analyzing traffic that is highly sporadic in nature and that also varies geographically by time of day.

Cerion has developed a software application, the Cerion Optimiser™, to help wireless operators best plan their network capacity, to optimize their network configurations and to provide the best implementation plans for configuration changes.



Capacity Planning

As the demand for mobile broadband services increase exponentially, network cost can skyrocket with the equipment is needed to support the traffic growth. Thus, it is essential for wireless operators to employ a strategy that controls CAPEX spending while maintaining a high quality end-user experience. Cerion's software application provides our customers the capability of balancing between the need for network capacity and the need for minimizing the cost of equipment deployment and upgrades.

Network Design & Optimization

For effective utilization of network equipment, holistic approaches must be considered in network configuration design. Cerion's software application empowers our customers to optimize the network configuration design, such as the parent-child relations between sites, BSCs/RNCs, and MSCs/SGSNs. It ensures that the loads among network elements are balanced while the user mobility across borders of network element (e.g., BSC/RNC) serving areas is minimized. Load balancing guarantees the most effective utilization of network element capacity, while minimal across border mobility results in improvements in drop-call rate and more capacity dedicated to revenue-generating traffic.

Know the future of your network. Today.

cerion
mobile broadband solutions