# Maximize data network performance with Agilent's Wireless Data Optimization Service (N4145A)
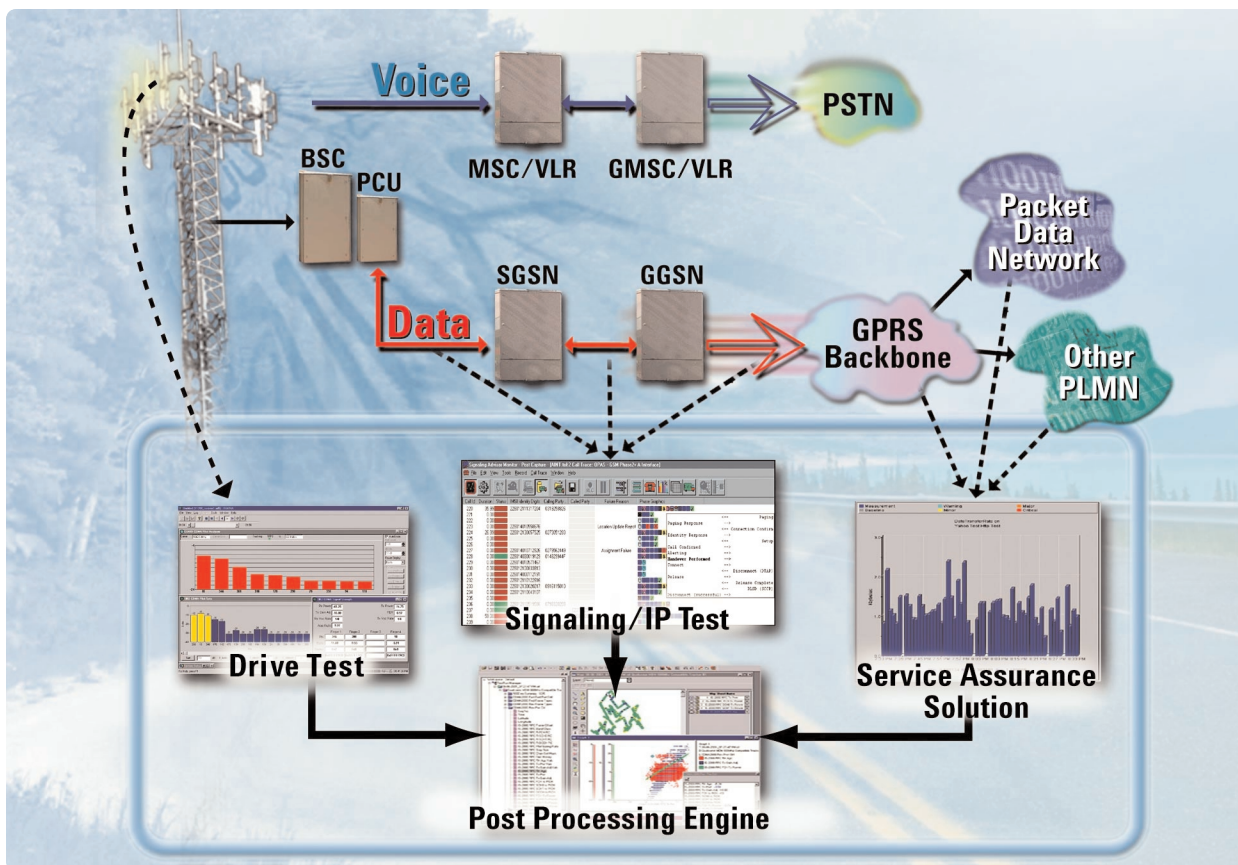
## Challenges
- To cost effectively implement complex new data networks and applications without impacting voice coverage
- To ensure the availability of mobile data services
- To manage the multi-disciplined resources required to maintain costs, improve quality of service and increase revenues

## Solution
- Agilent Wireless Data Optimization Service

## Benefits
- Increase deployment speed of high margin data service
- Optimize 2.5/3G networks to maximize data quality of service (QoS) by monitoring RF, IP and server performance simultaneously
- Increase efficiency by using Agilent to measure, analyze and report on network performance

End-to-end wireless data network test solution using existing tools (GPRS example).
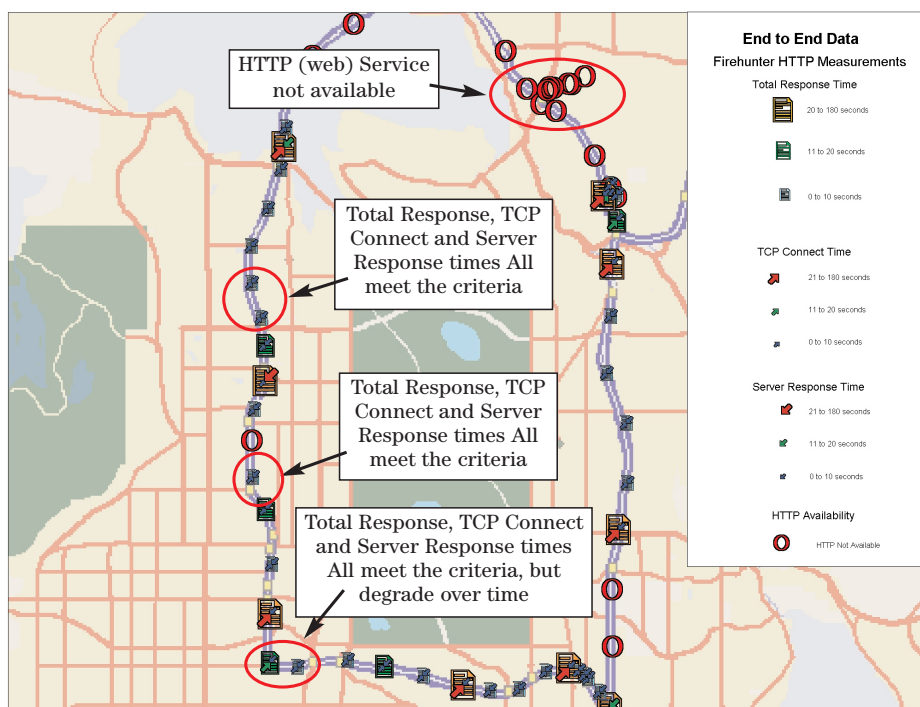
**Agilent Technologies**

## Agilent Wireless Data Optimization Service

Wireless Data Optimization Service combines Agilent's drive test solution, protocol analyzers and service assurance solution with our knowledge of RF and fixed networks services to provide multi-dimensional performance analysis and optimization of data networks to wireless service providers.

Agilent measures network performance from the mobile subscriber's point of view using standard defined QoS parameters, including air interface, PLMN, applications and servers, and Internet connectivity. Correlating all data collected on the radio and packet-switched core interfaces by time and location provides a detailed picture of data network performance and quickly highlights improvement opportunities and potential solutions.

Agilent's web based data and mapping information gives you any-time access to the best view of your end-to-end network performance analysis, speeding your cross-functional problem resolution. For the highest quality of service and reliability, monitor the network and rapidly optimize data networks with Agilent Services.

• Deploy new data applications more efficiently
• Maximize revenue per subscriber
• Attract and retain new customers
• Maintain a more profitable network
• Speed cross-functional problem resolution with web based data access



End-to-end HTTP measurements are made with Agilent's Wireless Data Optimization Service.

For more information about Agilent's solutions for the comunications industry, visit our Web site at:
www.agilent.com

For more information about Agilent's Wireless Network Services, go to: www.agilent.com/find/networkservices

**Agilent Technologies**