

MOBISTAT™

MobiStat™ is an interactive web-based reporting and mapping tool designed to enable users to quickly and efficiently assess network performance.



MobiStat™ has many different features including maps, charts, plots, exportable data, drive schedules, and customizable options. Since MobiStat™ is a custom-built GWS tool, clients can work with GWS to create any new pages or features desired.

MobiStat™ Maps

Using Bing™ Maps technology, MobiStat™ allows users to see data in 2- or 3-dimensional aerial or road views. Users can map data in one of two ways: within a pre-defined market or a user-defined area.

Market Level (Pre-Defined) Method

- View a specific market from a provided list of tested markets
- Select one or multiple campaigns and carriers
- Data can be shown for either voice or packet data
- Select a market and carrier to view per-second data
- Filter failures based on a more detailed categorization of each block and drop and view a count of each
- View details of each failure on the map
- Data can be downloaded to an excel file with additional high-level details

User-Definable Area (Rubber Band) Method

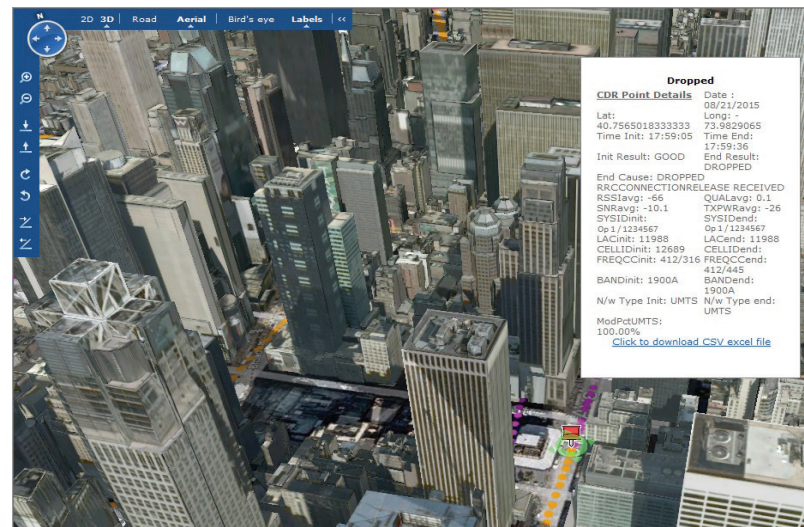
- See KPIs for a user-defined area, which can include a single market or multiple markets
- Defined area can be saved for future use
- Select A&R or Throughput to see a chart of the overall KPIs for the selected region
- Voice and packet failures can be shown on the map for the selected region

MobiStat™ Reports

MobiStat offers a number of different voice and packet data reports that can be filtered by region, campaign, carrier, and/or market. Many charts also offer advanced filters. Each report can be exported to an Excel file.

Voice Charts

- A&R
 - Chart Accessibility, Retainability, and Reliability
 - Use advanced filters to focus on specific technologies, mobile number, etc.
- Active Set Size Reports
 - Shows Distribution of Active Set Size measurements for each drive
 - Compare between different markets or carriers for analysis
 - Trend the average Active Set Size over multiple drives for multiple carriers



Packet Data Charts

- Throughput Trend

- Shows throughput values for each task type and trend over multiple drives for multiple carriers
- Multiple views into the throughput values: Mean throughput for 3-G only and 4-G only tasks or Overall (all technologies). Also view 3G/4G Percentage
- Task throughputs calculated from the first byte transferred or from point of request
- Use advanced filters to narrow down to specific technologies, counties, frequencies, etc.

- Distribution Plots

- Plot distribution (PDF/CDF) for CQI, Rx Power, Ec/Io, and throughput
- Plot CQI, Rx Power, and Ec/Io against throughput
- Select throughput direction to plot (Uplink/Downlink)

- Advanced Packet Data

- Plot distributions and averages against multiple metrics
- Includes options for modulation type, capacity metrics, throughput, etc.

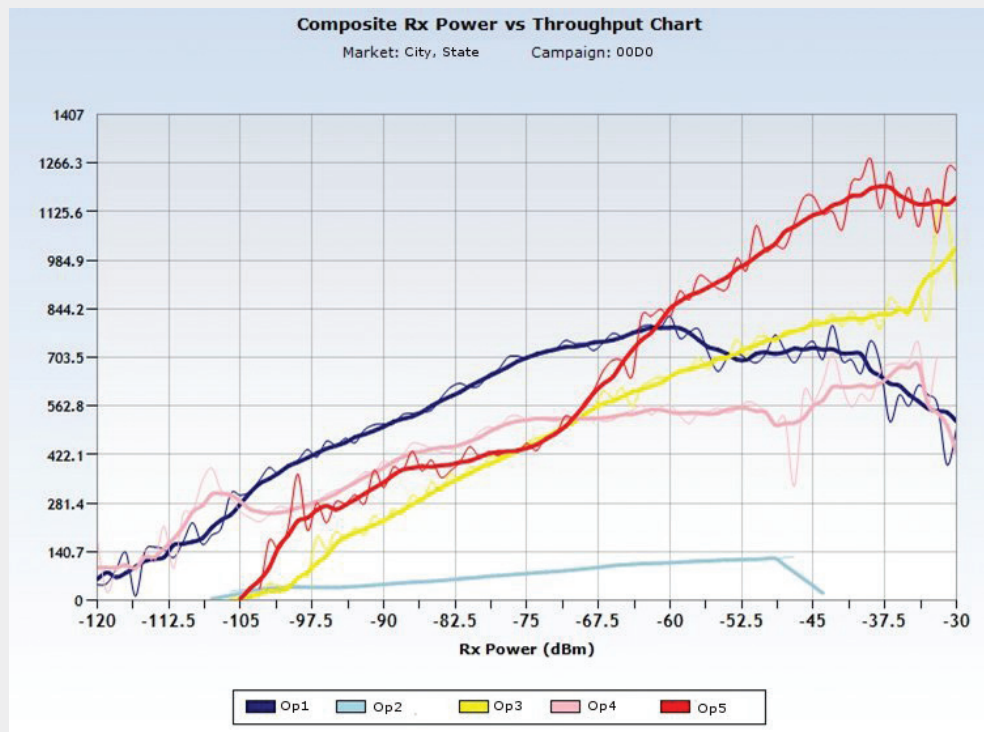
Customizable Dashboard

The MobiStat™ dashboard provides a quick, customizable, and consolidated view of the voice and packet data charts and tables for a given market.

- User chooses the primary region, market, and submarket displayed
- Charts and tables can be customized, hidden, or removed

Security

All pages and features are permission-based. Logins are needed to enter MobiStat™, and features and data can be restricted per user.



About GWS

Global Wireless Solutions, Inc. defines the industry standard for network benchmarking, performance analysis and testing. Working with some of the world's largest wireless network providers, GWS offers standardized, high-quality network data and engineering analysis to its customers through a suite of benchmarking products, services, and diagnostic apps that includes drive, venue and in-building testing.

Founded in 1996, GWS is headquartered in Dulles, VA. At last count, GWS has driven more than 9 million data collection miles for its customers. For more information, visit www.gwsolutions.com and follow us on Twitter at @gwsolutionsinc.