

## OneMeasure

GWS' benchmarking products include the OneMeasure™ app platform, a suite of mobile diagnostic apps that provide easy-to-use, network testing capabilities for the wireless industry including network operators, mobile device vendors, regulators, and consumers.

### ONEMEASURE – ENTERPRISE VERSION

GWS offers a mobile diagnostic application built for detailed engineering analysis and testing of wireless networks. The OneMeasure enterprise version can run on either an iOS or Android platform and is available directly through GWS.

#### Powerful Performance Measurement Tool:

The enterprise version is built to quickly yet thoroughly test mobile and Wi-Fi networks in terms of speed, latency, signal strength, serving cell towers, GPS and other key data and voice performance indicators. Independently, the app provides cost-effective, surface-layer performance analysis, and when combined with GWS' industry leading testing solutions, it can serve to significantly enhance benchmarking efforts.

#### Flexible and Easily Configurable:

Users can easily configure, run, and review multiple test scenarios involving ping, HTTP upload & download, browser, HTTP multi-thread upload & download, and voice. Users also have the ability to configure test controls including count, duration, or continuous testing. In addition,

test configurations created for a current project can be saved for future use.

#### Real-Time, Shareable Results:

Results from a test project are instantaneous and can be shared with others. The results can be viewed in various levels of detail from individual test results to a project summary. And users can also view the trends resulting from conducting multiple tests.

#### Comprehensive Network Assessments:

When combined with Mobistat™, GWS' advanced post processing technology, enterprise users can also view app test results via a secure website, and have access to interactive web-based reporting and mapping tools. Thus, adding another layer of evaluation for the performance measurements generated by the app.

#### Remote Testing Capability:

Users can also push custom test sequences to remote devices via the Mobistat™ web portal. Tests can be scheduled in advance and then monitored remotely as they occur.

## ONEMEASURE LITE – CONSUMER VERSION

Consumers (users) can download a free, streamlined version of the OneMeasure enterprise app, known as OneMeasure Lite, from Google’s Play Store or Apple’s App Store. Using the same powerful core as the enterprise version, OneMeasure Lite has a simplified interface and a carefully chosen set of functions for the everyday Android and iPhone consumer. Users are able to test the performance of their mobile or Wi-Fi network by measuring latency, website loading speeds, and by performing upload and download stress tests. OneMeasure Lite also allows users to share the results of their tests with others over email or social media. An account or log in is not required, and with one tap users can immediately run diagnostic tests; accordingly, all the data that GWS gathers from the app is anonymized by default.

## CUSTOM-DESIGNED MOBILE DIAGNOSTIC APP

GWS can custom design a mobile diagnostic app for your company. Based on the OneMeasure mobile platform and engine created for GWS’ network testing activities, GWS can provide a network diagnostic app for your brand and for your testing purposes. Testing can be custom designed to include network latency measurements and upload and download network stress tests. And similar to the OneMeasure enterprise and consumer versions, the app can be designed to allow users to share the results of their tests with others via social media and email.

FEATURE COMPARISON OF GWS ONEMEASURE APPS			
App Features	Enterprise Version	Consumer Version (OneMeasure Lite)	Custom Designed
iPhone	Available via GWS Portal	Free on App Store	App Store or Company Portal
Android	Available via GWS Portal	Free on Google Play	Google Play or Company Portal
Test Mobile & WiFi Networks	<ul style="list-style-type: none"> <li>• Ping (ICMP &amp; UDP)</li> <li>• HTTP browser</li> <li>• HTTP single &amp; multi thread DL/UL Voice call</li> </ul>	<ul style="list-style-type: none"> <li>• Ping (ICMP)</li> <li>• HTTP browser</li> <li>• HTTP multi-thread DL/UL</li> </ul>	Per Design
Collect Mobile & WiFi Network Parameters	GPS, Signal Strength, Serving Cell Towers	GPS, Signal Strength, Serving Cell Towers (IOS: collect GPS only)	Per Design
Create & Manage Test Projects	GPS, Signal Strength, Serving Cell Towers		Per Design
On-App Map of User Tests	✓	✓	✓
Share Results via Social Media, Text, & Email	✓	✓	✓
Language Localization	Per Request	English & Spanish	Per Request
Data Visualization Maps (web based)	✓		Per Design
Integration with GWS Mobistat Reporting Tool	✓	✓	✓
Synchronous App Testing on Multiple Nearby Devices	Via Control Device (i.e., Tablet)		Per Design
Remote Management of Devices - Schedule Tests, Monitor in Real Time	✓		Per Design



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## EXPERIENCE MATTERS

Benchmarking for  
**28 YEARS**


Services provided in  
**25 COUNTRIES**


Tested  
**18,000 LOCAL MARKETS**


Driven and walked  
**16 MILLION MILES**


## ABOUT GWS


GWS is the world leader in testing wireless markets. Services include:

 **Voice and data benchmarking** - Network data and engineering analysis through drive, venue, and in-building testing

 **MobiStat™** - Interactive web-based reporting and mapping tool

 **OneMeasure™** - Configurable app for mobile and Wi-Fi network performance testing

 **OneScore™** - Network performance ranking combining engineering data with consumer research

 **Big Data Analytics** - Large scale network evaluations using big data tools and techniques