



# MOBILE NETWORK PERFORMANCE TESTING

## VOICE/DATA QoS FOR 5G, LTE, TETRA, Wi-Fi AND MORE



Aircout Mobility helps network engineers optimize the performance of their wireless networks by providing software that measures RF metrics directly from your mobile phone. The solution provides full data throughput and coverage mapping reports for all 3G/4G/5G wireless networks, as well as Wi-Fi and Bluetooth, so users can validate proper over-the-air network performance.

The software runs on your Android OS based mobile phone. Optionally, one can be included as part of the solution. Multiple devices can share one license, and license terms are flexible from annual licenses down to single-day usage.



### PRODUCT OVERVIEW:

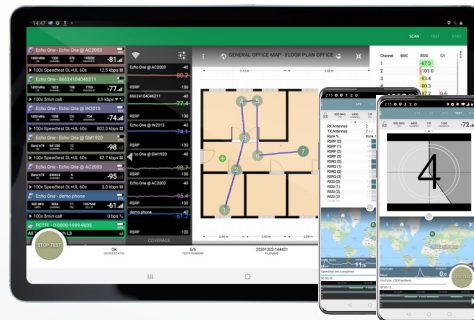
#### AIRSCOUT® MOBILITY



#### STANDALONE ANALYSIS

Complete performance analysis of the over-the-air protocols in a simple, easy to use interface on your Android phone.

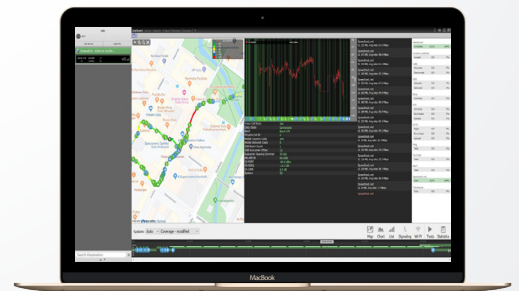
#### AIRSCOUT® MOBILITY PLUS



#### TABLET CONTROLLED TEST OF MULTIPLE CARRIERS

Control multiple test devices using a single interface. Configure several protocols and perform simultaneous test on the same walkthrough

#### AIRSCOUT® MOBILITY STUDIO



#### CLOUD CONTROL & REPORTING

Produce full reports of all test data including measurements overlaid onto map data. Make data available to all members with full user management functions.





# AIRSCOUT MOBILITY



## KEY FEATURES:

- Multiple technologies supported: 5G, LTE/LTE-A, TETRA, P25, WiFi, Bluetooth, GSM, CDMA, EVDO, WCDMA, HSDPA, HSUPA, HSPA+
- Manual and Scripted tests can be created and modified with built-in script editor in AirScout Mobility
- Automatic synchronization of test results to cloud
- Remote control via Cloud for automated/remote test execution
- Android and Harmony OS supported application supporting Android 4.3 and newer, and Harmony OS
- Updated Layer3 RCC decoder for release 15 including full 5G signaling decoding support
- Features for both indoor and outdoor mapping. Including offline mode map data caching
- Indoor floor plans with markers and geodetic coordinates (Support for iBwave format).
- Geocoding indoor floor plans on top of Google Maps

## KEY DIFFERENTIATORS:

- The most economical and flexible licensing in the industry
  - Flexible licensing terms - license per year, per month, per week, or per day
  - License not tied to any hardware - Use one license for different devices
  - Multiple air protocols supported with one license
- No cost upgrades to new handset firmware or technology. (Requires only free App update.)
- Full remote control of testing via a central location, so technicians do not need extensive training
- Customizable test scripts and reports to ensure testing parameters important to you.
- Complete drive test and in-building testing in one device
- Unlimited addition of new handsets to existing license.

## FULL IDLE AND ACTIVE TESTING FEATURES:

- Voice call
- Voice quality
- FTP and HTTP data transfers iPerf
- HTML browsing
- YouTube video streaming testing
- Facebook testing
- SMS testing
- Ping testing

Built-in script editor in AirScout Mobility tools and in Cloud enables the creation and editing of manual and scripted tests (automatic synchronization).



**5G  
READY**

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