PCTEL – TEST AND MEASUREMENT

Public Safety Testing Solution

Efficiently verify public safety network coverage

Concerned if First Responders can communicate during emergencies?

- Verify network coverage and signal quality before an emergency occurs
- Enforce standards for new or existing buildings
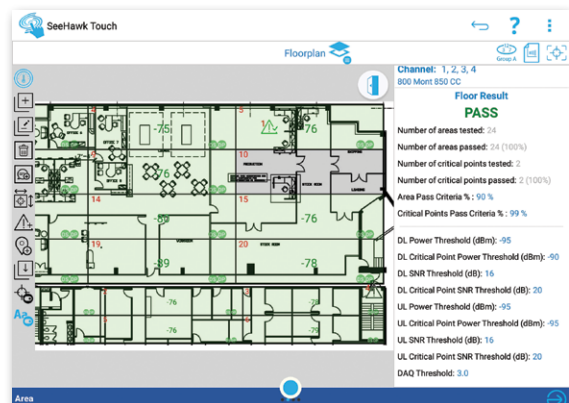
Conducting tests to meet building code?

- Automatically test to code requirements
- Streamline the building approval process

In-Building Grid Test Tool Features

- Real-time pass/fail results and printable reports
- Conforms with codes including NFPA 1221 and IFC 510 (2018)
- Simultaneously tests coverage on multiple channels in each band (VHF/UHF/750/850. etc.)
- Tests public safety signal quality with P25 SINR measurements

PCTEL's IBflex ® scanning receiver and SeeHawk® Touch software combine to support indoor/outdoor public safety testing

The SeeHawk Touch® grid test tool displays real-time pass/fail results

PUBLIC SAFETY TESTING SOLUTION

Tired of using complicated testing tools, lugging heavy equipment and hand recording scan results on grid paper just to apply for an occupancy permit? Now there's a better way to easily test indoor network coverage.

A powerful add-on to SeeHawk Touch Software, PCTEL's Indoor Grid Testing Option streamlines the way field engineers and inspectors test public safety network coverage indoors.

OUR PUBLIC SAFETY SOLUTION CONSISTS OF:

- SeeHawk Touch data collection software with Indoor Walk and Grid Test modes, plus Signal Analyzer
- SAMSUNG Android™ tablet
- SeeGull IB*flex*® scanning receiver measures all public safety bands (10 MHz - 3800 MHz)
- **Accessories:** IB*flex* battery pack with 2 batteries, charger, backpack, 2 indoor antennas, data cable, and carrying case

Contact your sales representative to schedule a demo today.

MULTIPLE APPLICATIONS INTEGRATED IN ONE TOOL

Grid test tool for public safety indoor coverage requirement
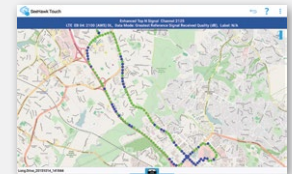

DAS/Small Cell walk test

Integrated spectrum analysis

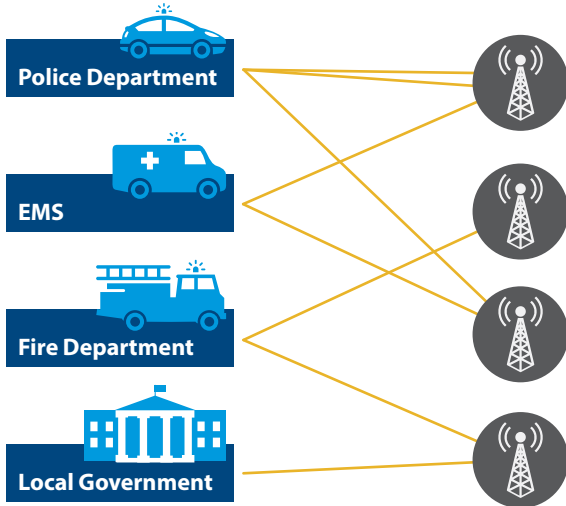**Optional Add-Ons**

DAS/Small Cell activities antenna verification

Outdoor drive test

PUBLIC SAFETY COMMUNICATIONS NETWORKS

OUTDOOR COVERAGE

(P25, LTE, TETRA, etc.)

- Police Department
- EMS
- Fire Department
- Local Government

INDOOR COVERAGE AND SIGNAL QUALITY

Commercial building or High-occupancy residence

- Coverage: downlink power for all technologies/bands
- Quality: P25 SINR

Real-time results per floor

Building result file generated automatically

BENEFITS FOR SUMMARY REPORT INCLUDE:

- Pre-configured reporting as specified by NFPA and IFC standards
- Report provides Pass/Fail results automatically by Channel and Grid in a Word document
  - Each floor has a report with the floor plan view
  - Building Report summarizes results over all floors, for single channel or all channels
  - Full set of results saved on Excel compatible file

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