PUBLIC SAFETY NETWORK TESTING SOLUTION

Verify and Document Critical Communications Coverage

FIRE



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WiFi

In-Building Coverage Testing, Commissioning, and Code Compliance

BUSINESS CRITICAL

/ LIFE SAFETY

CELLULAR

- Streamline grid-based testing to meet NFPA 1221, IFC 510, and local code requirements
- Commission FCC-compliant Business Critical and Emergency Responder Communications Enhancement Systems (ERCES)
- · Verify P25 uplink performance automatically during grid, drive, and walk tests
- Test in-building or outdoor signal quality across multiple LMR, cellular, and WiFi networks
- Automatically generate real-time pass/fail results and printable reports

EMS



POLICE



Automated Testing Saves Time & Money

PREPARE. MEASURE. REPORT. IT'S THAT EASY.

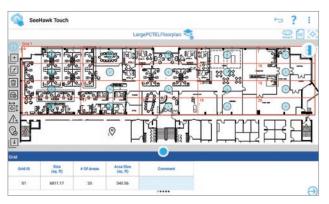
Replace manual processes and ensure critical communications coverage with the PCTEL[®] Public Safety Network Testing Solution. Our streamlined grid-based testing tool makes it easy to meet or enforce local building codes for Emergency Responder Communications Enhancement Systems (ERCES). The simple pass/fail grading system is also a great way to ensure coverage for cellular, WiFi, life safety, and business critical radio networks.



1 PREPARE

Create grids and set up tests

- Schedule uplink testing with kit at radio site or with SeeHawk[™] Monitor (optional)
- Prepare test plans remotely in SeeHawk[™] Central cloud platform or locally on your tablet
- Import a floorplan, add and adjust grids
- Identify test locations and critical test points
- Select frequencies
- Configure pass/fail criteria



Automatically identify test locations with easy-to-use grid creation tools that rotate to fit your floorplans.



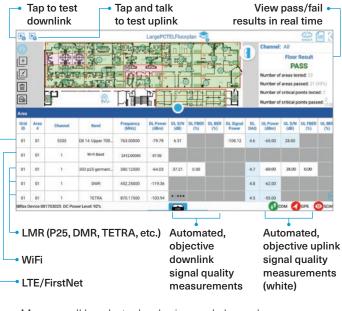
Planning Tool

SeeHawk[®] Touch

Planning tool integration enables you to easily import floor plans and export test data.

2 MEASURE

Execute tests and grade by threshold



- Measure all bands, technologies, and channels simultaneously
- Objectively measure signal quality (BER and SINR)
- Test channel power for any technology

Automated Uplink Testing



Initiate uplink test at each grid location in SeeHawk Touch



SeeHawk[™] Monitor automatically measures uplink at the radio site

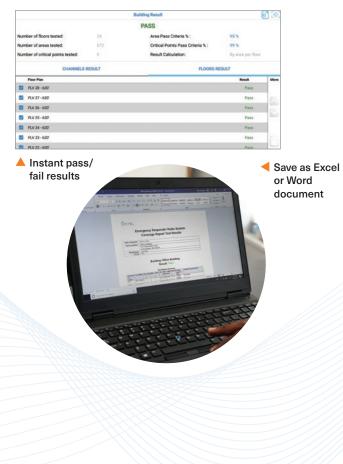
"We did the coverage testing in about 25% of the time planned."

- Jason Chambers, Day Wireless Area Service Manager

3 REPORT

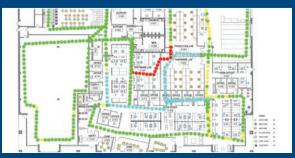
Auto generate real-time results and submittable reports with one tap

- Synchronize uplink data from uplink test kit at radio site or from SeeHawk[™] Monitor Platform Manager
- Automatically upload to SeeHawk[™] Central cloud platform for collaboration and reporting
- Automatically incorporate uplink and equipment room test results
- Customize pass/fail criteria on multiple reports to meet local government or business requirements
- Save printable reports within minutes, locally or on SeeHawk Central



GET EVEN MORE DONE, FASTER

PCTEL's Public Safety Network Testing Solution includes additional tools that streamline testing throughout your project lifecycle.



Indoor walk testing: detailed data for DAS and small cell network design, baseline testing and optimization. Supports automated uplink testing with SeeHawk Monitor system.



Spectrum Analysis mode for troubleshooting and equipment room work, right on your tablet.



Antenna Verification Tool (optional): fast troubleshooting during the DAS and small cell commissioning process.



Outdoor mode (optional): drive and walk testing for cellular and LMR networks with automatic GPS mapping. Supports automated uplink testing with SeeHawk Monitor system.

SeeHawk[™] Central

CLOUD REPORTING AND AUTOMATION PLATFORM FOR GRID-BASED NETWORK TESTING

SeeHawk Central extends the capabilities of SeeHawk[®] network testing solutions with time-saving workflows and anytime, anywhere access to all your grid-based data.

Planning and Workflow Automation

- Set up and plan tests in the office
- Schedule reminders for testing, re-testing, and approval dates
- Download test plans to SeeHawk[®] Touch
- Automatically upload test results to Central
- Manage test results by type: Baseline, Intermediate, Final, and Annual
- Review and approve test results online

Cloud-Based Data Repository

- Centralized access to all your organization or jurisdiction's data
- Locate buildings on an easy-to-use map-based interface
- View historical data and compare results

Fast, Secure Data Sharing

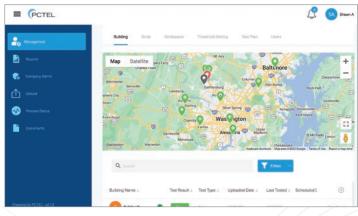
- Share instantly with customers, jurisdictions or across teams
- Create secure individualized logins for team members and stakeholders
- Submit test plans and results instantly to AHJs and public safety radio system managers

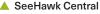
Instant Reporting

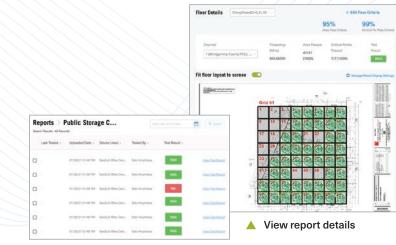
- View and generate test reports online for submission
- Create multiple test reports with different criteria or tested channels from the same test
- Summarize and track data by property owner, company, jurisdiction, tester, office, or technology



Data upload from SeeHawk® Touch to SeeHawk Central







🔺 Access historical data

User Benefits

With SeeHawk Central, it's easier to test, manage, share data, and evaluate in-building critical communications, WiFi, and cellular networks.

System Integrators and Testing Services

- Save time and improve workflows
- Securely share data with customers, team members, and jurisdictions
- Manage all of your tests in one place
- Impress customers with value-added reporting
- Generate more business

AHJs (Authorities Having Jurisdiction) and Radio System Managers

- Simplify code enforcement
- Access all ERCES (Emergency Responder Communication Enhancement System) grid test data in one platform
- Track all of your jurisdiction's buildings
- View data and summary reports in a specialized dashboard
- Integrate with your existing systems

Building Owners

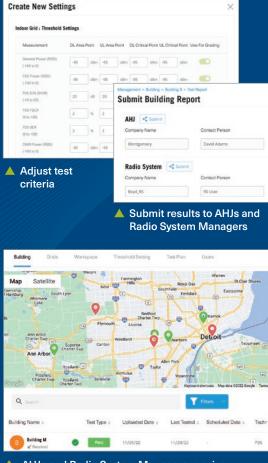
- Accelerate building code approvals
- Track retesting dates
- Verify critical communications, WiFi, and cellular coverage
- Manage all nationwide properties in one platform
- Find service providers in your area



COLLABORATE WITH PUBLIC SAFETY OFFICIALS

Work Together for a More Efficient Code Approval Process

- AHJs and Radio System Managers
 distribute channel and test criteria
- Testers **send test plans and results** to the local AHJ or Radio System Manager
- AHJs and Radio System Managers **review and approve** test plans and results
- All parties share schedules and track due dates together
- AHJs and Radio System Managers receive FREE SeeHawk Central accounts*



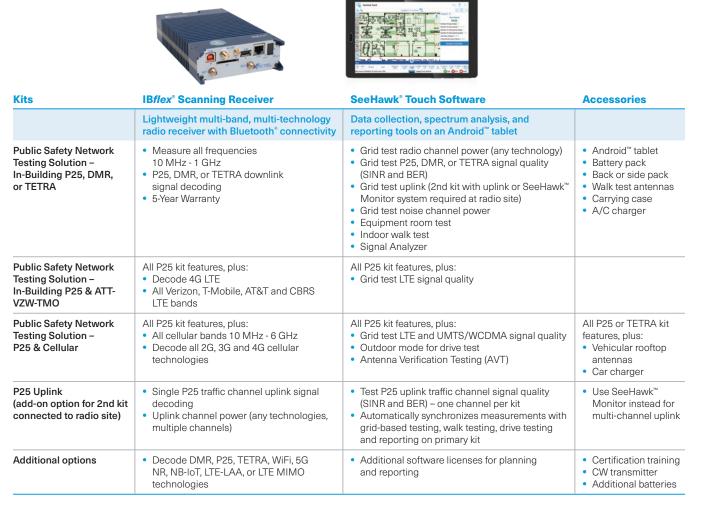
AHJs and Radio System Managers receive results instantly

*Paid SeeHawk Central subscription required to upload test results

Critical Communications Testing: Public Safety, Life Safety, Business Critical

PCTEL's Public Safety Network Testing Solution combines the precision measurement capabilities of the IB*flex*[®] scanning receiver with our tablet-based SeeHawk[®] Touch software. Choose the kit and options that meet your testing needs. "I'm able to do my on-site pre-walks in half or even one-third of the time as before when I had to do a more manual walk through the building to record every single frequency."

– Joseph Rohlic Program Manager and Director of Construction Services at Radio One



Solving Complex Wireless Challenges

PCTEL is a leading global provider of wireless technology solutions, including purpose-built Industrial IoT devices, antenna systems, and test and measurement products. Trusted by our customers for 29 years, we solve complex wireless challenges to help organizations stay connected, transform, and grow. For more information on Public Safety Network
Testing, contact your sales representative or visit
pctel.com/public-safety-testing-solution





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