SeeHawk® *Central*

IS YOUR IN-BUILDING COVERAGE APPROVED?

Automated Workflow Management and Collaboration Platform for Public Safety Testers, Radio Systems, and AHJs

TEST SERVICE PROVIDERS

PUBLIC SAFETY AGENCIES

PLAN, STORE AND REPORT
- Grid-based Coverage Tests
- BDA Commissioning Tests
- Complete BDA Information

REVIEW, APPROVE AND TRACK
- In-Building Coverage & Building Status
- BDA Information & Compliance
- Radio Site Information

PCTEL
an **Amphenol** company

BENEFITS FOR TEST SERVICE PROVIDERS

Collaborate with public safety officials

- Request pre-approval of test plans to reduce the need for re-testing
- Submit results instantly to AHJs and public safety radio system managers
- Provide required BDA and associated radio site information
- Track the approval process and re-testing schedules

Plan and execute tests

- Plan tests online while SeeHawk® *Touch* devices stay in the field
- Automatically send workspaces to remote SeeHawk *Touch* devices
- Receive test results automatically from remote SeeHawk *Touch* devices

Manage your testing business

- Store and access data securely in the cloud
- Schedule reminders and track ERCES recertification schedules
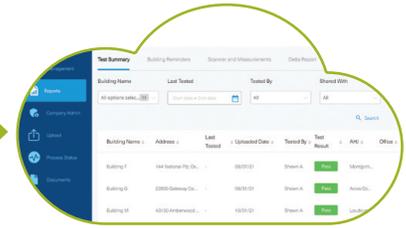- Leverage data to identify new business opportunities

Report and review results

- View historical data and compare results
- Select data and adjust criteria to meet each jurisdiction or client's requirements
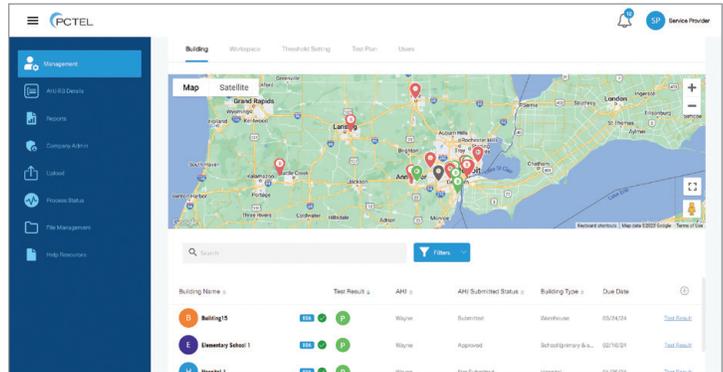- Share instantly with customers, jurisdictions or across teams

A SECURE CLOUD-BASED PLATFORM

- Industry-standard cloud hosting and data isolation
- Access to proprietary data is strictly secured
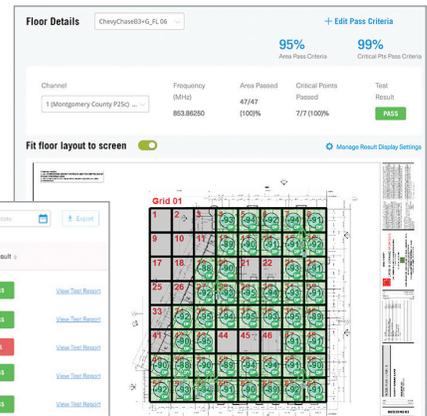- Publicly-available analytics consists of anonymized, high-level industry metrics

In-Building Coverage and BDA Commissioning Testing

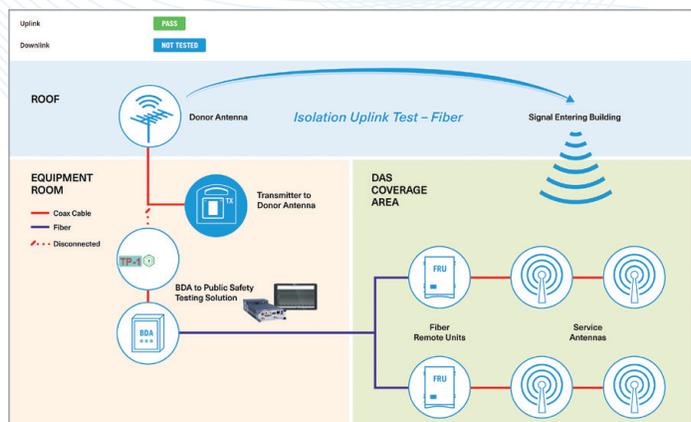▲ Data upload from SeeHawk *Touch* to SeeHawk *Central*

▲ Map view of building and BDA status

▲ Grid test report details

▲ Access historical data

▲ BDA commissioning test report details

BENEFITS FOR PUBLIC SAFETY AGENCIES

Save money
- Complimentary access for Authorities Having Jurisdiction (AHJs) and Radio Systems*

Simplify enforcement
- Standardize testing for in-building coverage, BDA commissioning, and FCC compliance
- Distribute code and testing requirements
- Review and approve test results and plans
- Schedule automatic re-testing notifications

Authenticate results
- Verify equipment and service credentials for certification and calibration
- Receive reports with data that can't be edited

Track buildings and BDAs
- Access all ERCES (Emergency Responder Communication Enhancement System) test data in one platform
- View data and summary reports in a specialized dashboard
- Associate BDAs with radio sites
- Integrate with your existing systems

BDA and Radio Site Information Management

- View BDAs and radio sites in your jurisdiction on a map
- Track BDA system information, inspection date, and associated radio site
- View relationships between BDAs and radio sites
- Public safety officials can import or enter data directly
- Automatically add information from submitted test results

Integrated Approval Process
for in-building radio coverage and ERCES/BDA system commissioning

Set Test Criteria

Create New Settings

Indoor Grid : Threshold Settings

Measurement	DL Area Point		UL Area Point		DL Critical Point		UL Critical Point		Use For Grading
General Power (RSSI) (-150 to 0)	-95	dBm	-95	dBm	-95	dBm	-95	dBm	⬤
P25 Power (RSSI) (-150 to 0)	-95	dBm	-95	dBm	-95	dBm	-95	dBm	⬤
P25 S/N (SINR) (-10 to 50)	20	dB	20	dB	22	dB	22	dB	⬤
P25 FBER (0 to 100)	2	%	2	%	1.5	%	1.5	%	⬤
P25 BER (0 to 100)	2	%	2	%	1.5	%	1.5	%	⬤
DMR Power (RSSI) (-150 to 0)	-95	dBm	-95	dBm	-95	dBm	-95	dBm	⬤
DMR S/N (SINR)									

Receive, Review & Approve Test Plans

Plan Name	Building Name	Created On	Created By	Status	Review
SF PUC HQ	PUC Headq...	02/15/23	Sebi Michig...	Submit	✓ ✗
LowesHW_TestPlan	Lowes Harp...	02/15/23	Sebi Michig...	Submit	In Progress
GM_TestPlan	GM Fctory	02/15/23	Sebi Michig...	Submit	✓ ✗

Receive Test Results

B | **Building M** | ↙ Received | ✓ | Pass

Review & Approve Test Results

Buildings > Building17 📅 10/17/22 ⬆ Submit | Review Pending | Share | Delete | Export

Approve | Reject

Test Details + Edit Test Details

Result Calculation	Technician	Areas Tested	Area Pass Criteria	Radio System D...
By Area per floor	Sebi Ampithera	216	95%	
Adjacent Area Rule	FCC#	Floors Tested	Critical Pts Pass Criteria	
No	-	0	99%	
Test Type	AHJ	Critical Points Tested		
Baseline	Wayne	20		

📋 Review Pending
Approve | Reject

*Paid SeeHawk *Central* subscription required to upload test results

Building Profile University 1

Building Details | Floors & Equipment Rooms | Reminders | BDA

1. BDA Installing Company — BDA Manufacturer: Company A
2. DAS Property Information
3. BDA Information — BDA Serial #: 1234
4. BDA Measurements
5. Donor Site Information — BDA Model #: EG345
6. Fire Code Documentation

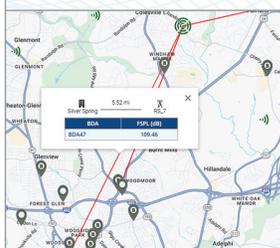BACK-UP POWER TEST
ANTENNA SYSTEM
REMARKS AND RECOMMENDATION: — BDA type: ⬤ A ○ B

Frequency Bands: 760-770

Silver Spring 5.52 m

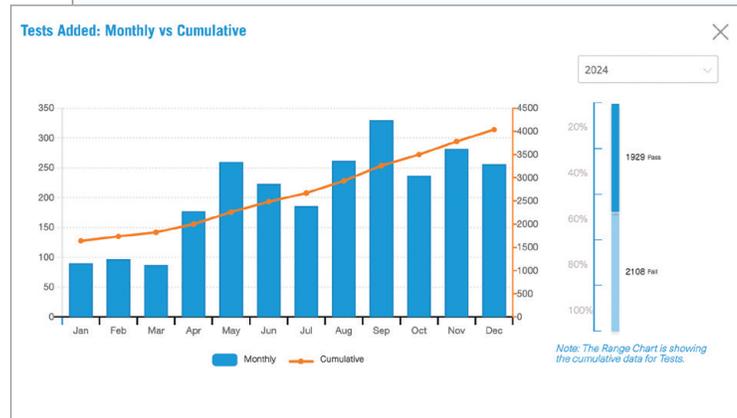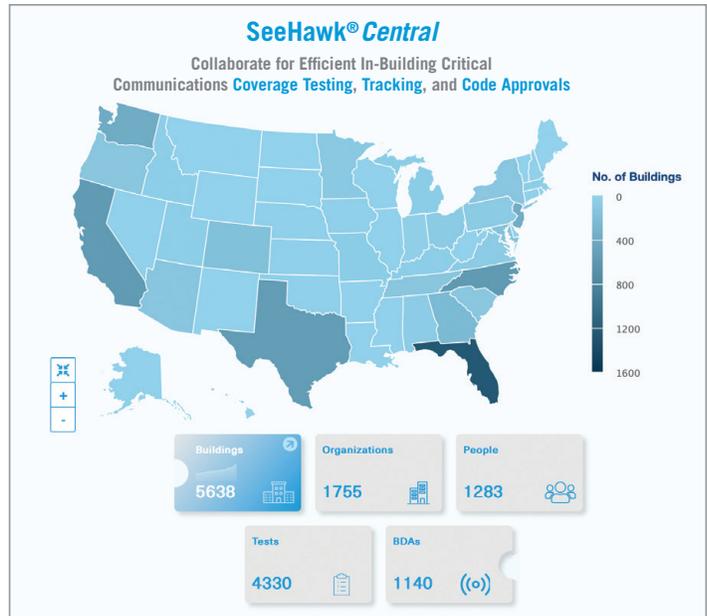| BDA	FSPL [dB]
BDA47	109.46

SeeHawk *Central* Analytics

GAIN EVEN MORE INSIGHT

Access regularly updated data on the state of in-building critical communications testing compiled from information entered into SeeHawk *Central*.

Free to the public at
> seehawkcentral.pctel.com

"PCTEL's testing solution and SeeHawk Central platform have revolutionized how we conduct business. Generating reports to customers and AHJs has never been easier."

– *Randy Armstrong, Project Manager, LS Systems, a Division of Sciens Building Solutions*

SeeHawk® Central
Collaborate for Efficient In-Building Critical Communications Coverage Testing, Tracking, and Code Approvals

Buildings 5638 | Organizations 1755 | People 1283
Tests 4330 | BDAs 1140

Tests Added: Monthly vs Cumulative

▲ Industry data compiled from information entered into SeeHawk *Central*

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