



PCTEL Automates Uplink Testing for Outdoor Public Safety Radio Networks

March 27, 2023

Company Announces Industry's First Drive and Walk Testing System to Measure P25 Uplink Signal Quality

BLOOMINGDALE, Ill.--(BUSINESS WIRE)--Mar. 27, 2023-- PCTEL, Inc. (Nasdaq: PCTI), a leading global provider of wireless technology solutions, announced its latest innovative testing solution for P25 public safety radio networks with the industry's first automated uplink drive and walk testing. The majority of public safety radio coverage issues occur on the uplink, which is the signal from a handset to the radio site. PCTEL's solution is the first to incorporate uplink measurements into a drive or walk testing system.

"Until now, radio network managers had no practical or reliable way of testing the uplink channel across their coverage area," said James Zik, PCTEL's Vice President, Test and Measurement Product Management. "This solution will help radio network managers deliver more reliable critical communications coverage for public safety and emergency response teams including police, fire, and EMS."

PCTEL's SeeHawk® Touch software incorporates uplink power and signal quality measurements into the standard drive or walk testing procedures used for network planning, troubleshooting, quality assurance, baseline, and acceptance testing. During testing, the technician activates a radio handset, and PCTEL's SeeHawk™ Monitor system measures the signal received at the radio base station site. After the test is complete, SeeHawk Touch synchronizes and combines uplink data with downlink measurements collected during the drive or walk test into a single report.

PCTEL announced outdoor uplink testing at IWCE, the International Wireless Communications Expo. IWCE attendees can learn more about uplink testing by attending [a talk with David Adams](#), PCTEL's Director of Market Development at 11:30 a.m. on March 27 or visiting Booth #2638 March 29-30.

The outdoor uplink testing feature is expected to be released in April 2023, and will be available as a software update for existing users with current support and maintenance agreements. [Contact PCTEL to learn more.](#)

About PCTEL

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 over 29 years, we solve complex wireless challenges to help organizations stay connected, transform, and grow.

For more information, please visit our website at <https://www.pctel.com/>.

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