



PCTEL and Ranplan Streamline Next-Generation Indoor Network Planning

BLOOMINGDALE, Illinois and CAMBRIDGE, England – September 27, 2018 -- PCTEL, Inc. (Nasdaq: PCTI), a leader in **Performance Critical TELEcom** solutions, and Ranplan announced the integration of Ranplan Professional with PCTEL's SeeHawk® Touch data collection software to streamline in-building wireless network design, planning, and optimization. The next generation of wireless networks will incorporate new technologies such as 5G alongside existing cellular, Wi-Fi, and public safety networks. Together, SeeHawk Touch and Ranplan Professional enable onsite engineers to measure, model, and visualize the complex interactions between these technologies.

SeeHawk Touch and Ranplan Professional allow engineers to make immediate assessments and adjustments. SeeHawk Touch software collects and analyzes real-world RF data from PCTEL's industry-leading scanning receivers. Ranplan Professional then incorporates this data into advanced 3D visualizations and network propagation modeling. An upgrade to SeeHawk Touch will be released allowing Touch and Ranplan Professional to work together seamlessly. The combined system will support network design and planning for a wide range of wireless technologies, including 3G, 4G LTE, LTE-A, CBRS, LAA, NB-IoT, Wi-Fi, P25, and 5G New Radio.

"SeeHawk Touch and Ranplan Professional will enable network operators and building owners to prepare for a wide variety of uses, including emergency response, industrial IoT deployments, smart building automation, and even virtual reality," said Rishi Bharadwaj, PCTEL's COO. "PCTEL's scanning receivers provide the complete and accurate data that engineers need to solve today's complex RF problems," added Bharadwaj.

"SeeHawk Touch and PCTEL scanning receiver data complement Ranplan's ability to model the complex interactions between indoor and outdoor wireless environments," said Alastair Williamson, Ranplan's CEO. "Ranplan's innovative modeling incorporates key components of the HetNet, including hybrid indoor/outdoor, macro, small cell, DAS, Wi-Fi, and backhaul."

About PCTEL

PCTEL, Inc. provides **Performance Critical TELEcom** technology solutions. We are a leading global supplier of antennas and wireless network testing solutions. Our precision antennas are deployed in small cells, enterprise Wi-Fi access points, fleet management and transit systems, and in equipment and devices for the Industrial Internet of Things (IIoT). We offer in-house design, testing, radio integration, and manufacturing capabilities for our customers. PCTEL's test and measurement tools improve the performance of wireless networks globally, with a focus on LTE, public safety, and emerging 5G technologies. Network operators, neutral hosts, and equipment manufacturers rely on our scanning receivers and testing solutions to analyze, design, and optimize their networks.

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

About Ranplan

Ranplan Wireless is an innovative wireless technology company that has developed the World's only solution that can plan, design and optimize inbuilding and outdoor wireless networks in coordination. Our solutions enable us to help an ecosystem of companies deploy the next generation of wireless networks for a range of applications in urban environments, supporting multiple technologies such as 4G LTE, 5G, Wifi and IoT, providing end users with an unmatched quality of experience.

Ranplan Wireless is a subsidiary of Ranplan Group AB (Nasdaq First North: RPLAN) whose head office is in Stockholm, Sweden. The group operates out of offices in the UK, US and China.

www.ranplanwireless.com

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