

Ranplan Wireless wins SEK 3.7 million contract from UK Government

Cambridge UK, November 2018: Ranplan Wireless, developer of the world's first 5G combined in-building and outdoor wireless network planning tool for urban environments, has received SEK 3.7 million funding over a two-year period from Innovate UK to develop a data analytics platform that can be used to predict and manage congestion in smart cities. Innovate UK is part of UK Research and Innovation funded by the UK government to drive productivity and economic growth through new ideas and technologies.

"Advanced data analytics, the Internet of Things (IoT) and ultra-fast and reliable 5G networks are the building blocks for tomorrow's smart cities," said Alastair Williamson, CEO Ranplan Group AB. "As urbanisation is set to intensify, causing issues in congestion and commuting delays, we need to better understand how citizens interact within their communities to improve public services, particularly during peak times."

This research project will be led by Ranplan and will see collaboration with the University of Sheffield, Jinan University, and East China University of Science & Technology, along with leading telecoms operator, China Unicom. The aim of the project is to develop machine learning models and techniques to create a data analytics platform that will provide town planners and managers with real-time intelligence on how their citizens move around their cities.

By being able to identify patterns of movement, vehicle movement and peak traffic times, planners will be able to predict where and when traffic congestion will arise and make decisions on how to improve the efficiency of public transportation. For example, data collected can be used to facilitate smart mobility in urban areas such as traffic light control and scheduling, public transportation, preventative policing, as well as many other examples.

"Winning this two-year research project is testament to the world-class research team here at Ranplan," said Ranplan's Williamson. "Smart cities are all about people and 5G is a core enabling technology to empower society. The results of this research project will enable us to commercialize a new smart mobility solution to complement our existing in-building and outdoor network planning tools and offer cities a robust 5G and IoT planning tool."

About Innovate UK

Innovate UK is part of UK Research and Innovation, a non-departmental public body funded by a grant-in-aid from the UK government to drive productivity and economic growth by supporting businesses to develop and realise the potential of new ideas, including those from the UK's world-class research base.

With around 500 staff, Innovate UK connects businesses to the partners, customers and investors that can help them turn ideas into commercially successful products and services and business growth. Innovate UK funds business and research collaborations to accelerate innovation and drive business investment into research and development across all economic sectors, value chains and UK regions. Since 2007, Innovate UK has invested around £2.5 billion in businesses across the UK, matched by £1.8 billion from industry. It has helped 8,500 organisations with projects estimated to add more than £18 billion to the UK economy and create 70,000 jobs.

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About Ranplan Wireless

Ranplan Wireless is an innovative wireless technology company that has developed the World's only solution that can plan, design and optimise 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