



NuRAN Expands Footprint in China and Receives 140K order for 5G

Quebec, QC, Canada, March 9th, 2018 – Nutaq Innovation, a wholly owned subsidiary of NuRAN Wireless ([CSE: NUR](#)) ([OTC: NRRWF](#)) is pleased to announce that it is expanding its footprint into China to address the tremendous expected growth of the country in wireless data consumption; the Internet of Things (IoT).

As a first step towards the expansion of its footprint in China, Nutaq has entered into a collaborative agreement on Massive MIMO with the National Engineering Research Center of Communication and Network Technology of the Nanjing University of Posts and Telecommunications (NUPT), one of the best research centers in the country and known worldwide for its contributions in the field of Cellular Communications, Internet of Things, Satellite Communications and Deep Space Communications. The Research Center is looking to significantly boost its activity in the space of 5G Massive MIMO, which is one of Nutaq's primary field of expertise as demonstrated with the [2017 Nutaq Symposium on 5G Research](#), the [collaboration with Viettel on a 5G Base Station](#) and the sophistication of the TitanMIMO, Nutaq's [5G Massive MIMO Testbed](#).

Nutaq also announce a purchase order of approximately one hundred and forty thousand Canadian dollars (140,000.00\$ CAD) from NUPT for 5G Massive MIMO system. Massive MIMO is an exciting area of 5G wireless research. For next-generation wireless data networks, it promises significant gains that offer the ability to accommodate more users at higher data rates with better reliability while consuming less power by multiplying the number of antenna elements.

Nutaq has also hired an Application Engineer for the Chinese territory based in Chengdu in order to support its existing and future customers, such as the Shanghai Wireless Communication Research Centre (WiCO), a non-profit organization co-founded by Chinese Academy of Sciences (CAS) Shanghai Institute of Microsystem and Information Technology (SIMIT), Science and Technology Commission of Shanghai Municipality (STCSM), Southeast University (SEU) and Changning District Government in November 2003, that recently purchased wireless research platforms.

“With China identified as the main driver of growth in wireless traffic and connected devices, and with the Government actively promoting action plans that support this desired growth, Nutaq strongly believes that part of its success for the coming years will depend upon its ability to form strong partnerships with key Chinese Universities and Research Centers.” stated Tristan Martin, Director of Business Development at Nutaq.

This exponential rise will be mostly due to machine based communications or the Internet of Things (“IoT”) that are required to support automation and data exchange in manufacturing technologies for industry 4.0. Industry 4.0 is a name for the current trend of automation and data exchange in manufacturing technologies. It includes cyber-physical systems, the Internet of Things, cloud computing and cognitive computing. Industry 4.0 is commonly referred to as the fourth industrial revolution.

The IoT allows objects to be sensed or controlled remotely across existing network infrastructure, creating opportunities for more direct integration of the physical world into computer-based systems, and resulting in improved efficiency, accuracy and economic benefit in addition to reduced human intervention.

China is expected to be the chief driver of future growth in wireless data consumption by 2020. The country currently has over 555 million mobile subscribers and is expected to have approximately five billion total connected devices by 2020; more than any other market globally.

The Chinese government is actively promoting the *Internet Plus* action plan that aims to boost the economy through advanced digitalization and a proposed *13th Five-Year Plan* that encourages the active development of 5G with the expected launch of a 5G network in 2020. Moreover, the Chinese Government continues to stimulate the development of advanced technologies through the *863 State High-Tech Development Plan* with the objective of rendering China independent of financial obligations for foreign technologies.

About Nutaq Innovations

Nutaq Innovations is a wholly owned subsidiary of NuRAN Wireless. Nutaq is a leading provider of advanced digital signal processing (“DSP”) solutions and wireless technologies, including software defined radios (“SDR”). The Company operates three complementary lines of business; Wireless Network Products, Advanced Development Platforms (“ADP”) and Engineering Services.

NuRAN Wireless is a leading supplier of mobile and broadband wireless infrastructure solutions. Its innovative radio access network (RAN), core network, and backhaul products dramatically drop the total cost of ownership, thereby creating new opportunities for established, as well as emerging mobile network operators. Indoor coverage, isolated rural communities, offshore platforms and ships, NuRAN Wireless helps its customers reach everyone, everywhere.

For further information about NuRAN Wireless or Nutaq Innovations;

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