

- Energy efficiency one of Nokia's key strategic focus areas and an integral part of future technologies such as 4.9G and 5G



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■ ■ ■ Espoo, Finland - Nokia has acquired Eta Devices, a US-based start-up specializing in power amplifier efficiency solutions for base stations, access points and devices. Eta Devices

will bolster Nokia's push to enhance base station energy efficiency, an increasingly important area for operators on the path to 4.9G and 5G.

The demand for data from consumers and businesses is surging, as is the number of connected devices and things, with operators increasingly needing power that is delivered both cost-effectively and sustainably. Eta Devices' unique ET Advanced power management technology can reduce heat waste drastically through the use of a new amplifier that works like

an automated gearbox, adjusting energy usage by constantly providing just the right amount of power required for a radio signal.

This translates to savings for operators that can be invested as 4.9G and 5G approach. Eta Devices' technology reduces the need for backup power, translating into smaller base station cabinets and reduced equipment breakdown rates, and supporting Nokia's target to continuously strengthen the base station power efficiency of its products.

The acquisition of Eta Devices underlines Nokia's commitment to invent, design, and deploy sustainable technologies that make a real difference to people's lives, and take responsibility for the impact we make in the world. Nokia already offers a Zero Emission base station solution that reduces site energy consumption and CO2 emissions by up to 70 percent.

Eta Devices is a private start-up company founded in 2010. The company is headquartered in Cambridge, MA with an R&D office in Stockholm, Sweden, and it employs approximately 20 people. The acquisition includes fixed assets, employees, intellectual property rights as well as lease and supplier agreements.

About Nokia

Nokia is a global leader in the technologies that connect people and things. Powered by the innovation of Nokia Bell Labs and Nokia Technologies, the company is at the forefront of creating and licensing the technologies that are increasingly at the heart of our connected lives.