

Sensoneo smart waste management solution is ready for America's First Nationwide Narrowband IoT Network launched by T-Mobile

Bratislava, 25th of July, 2018

Sensoneo, a leading provider of smart, enterprise-grade waste management solutions has announced its readiness for the U.S.' first nationwide narrowband IoT network, which was [launched by T-Mobile on the 19th of July 2018](#). The Sensoneo company has been testing its smart waste fill-level sensors in several locations across the USA for the past weeks to ensure 100% readiness of the devices once the IoT network goes live.

„We are happy to see the launch of the narrowband IoT network by T-Mobile. It is a very important milestone and a great opportunity to drive smart solutions that enable the tracking and optimization of equipment in different industries, leading to improved health and safety, reduced costs and improved efficiency.

We feel very proud to be one of the very first vendors who have tested their devices on T-Mobile's NB-IoT network. The Sensoneo Quatro Sensor, dedicated to monitoring fill-levels in bins of different types and sizes, proved to be fully compatible with the network and is ready for installation anywhere in the USA; bringing both economic and ecological benefits to customers,” said Lubos Tuma, CEO of Sensoneo company.

As stated in the T-Mobile official press release, „...NB-IoT is a low power, wide area network LTE-Advanced tech that offers benefits like low power usage, long battery life, and low device cost.” In addition to the NB-IoT network, the Sensoneo solution is also compatible with other currently available IoT networks; including Sigfox, LoRaWAN, BLE and CAT-M.

Sensoneo's background

The Sensoneo solution for **smart waste management** was developed in 2014. Since then, this Slovakia-based (mid-European country & member of the EU) tech company has managed to make an incredible journey from highly demanding R&D, testing, and patenting processes to first installations, happy

customers and global expansion. The Sensoneo smart waste management solution is currently deployed in 53 locations on 4 different continents.

Sensoneo designs, develops and produces several variants of [inhouse-produced fill-level smart sensors](#) that are able to monitor any type of waste in any type of bin. Fill-level information is transferred via all currently available **IoT networks** (or GRPS/GSM) to Sensoneo software, where it is used to provide customers with [data-driven decision making](#) and the [optimization of waste collection routes, frequencies and vehicle load](#). [The Citizen app](#) is a free mobile application that informs citizens of the nearest available empty bin, type of waste, actual fill-level, and directions.

Sensoneo is a global enterprise-grade smart waste management solution provider that enables cities and businesses to manage their waste cost-efficiently, be more environmentally responsible and improve the well-being of people.

Through its unique smart waste management technology, Sensoneo is redefining the way waste is managed. The solution combines unique ultrasonic Smart Sensors (Single, Double, Quatro and patent-pending Micro-sensors) that monitor waste real-time with sophisticated software (Smart Analytics, Smart Route Planning and Smart Waste Management System) providing cities and businesses with data-driven decision making, and optimization of waste collection routes, frequencies and vehicle load. This results in overall waste collection cost reduction of at least 30% and carbon emission reduction up to 60% in cities.

Sensoneo smart waste management has attracted cities and business around the world and the solution is installed in numerous locations across Europe, North America, South America, Middle East, Australia and New Zealand. For more information about how Sensoneo can help you manage your waste smarter, please visit www.sensoneo.com.

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