Miotiq.com- transcending boundaries of mobile operators and adding non-IP communication

Prague, 24. 6. 2020 **- The LowPower 5G communication platform Miotiq.com is transcending the boundaries of mobile operators. Miotiq.com is the only integration platform connected to multiple mobile operators - Vodafone Global, AT&T, T-mobile, Telia, A1. It is covering the USA, Australia and a vast majority of European countries. It is leading the development in NB-IoT communication also by adding the non-IP communication possibility.**

With the new developments in 5G technologies, it is now certain that LowPower communication will be the preferred way to collect small pieces of data from many different sensors everywhere.

Specifically, the Narrow Band IoT communication is gaining more and more momentum, as cheap and efficient NB-IoT sensors are easily added to existing machines to monitor key parameters in factories, water pumps, long haul trucks, smart seals and in our homes.

All companies are solving the challenge of finding a reliable communication partner with expertise in IoT, possibility of connection all over the world and affordable service.

Miotiq.com helped dozens of companies to connect their LowPower devices and applications via different mobile operator´s networks. All within a few minutes, not months, which are the industry standard.. Price? Just a few euros per device per year.

Recently, Miotiq.com was the first in the world to unveil another energy and money-saving feature, the possibility of non-IP communication. Thanks to this, the message sent by the sensors doesn't have to include the IP header, decreasing the time needed to transfer the message. This leads to significant savings in energy consumption of up to 50 % of energy, almost doubling the already impressive life span of NB-IoT sensors.

END # #

 What is the Internet of Things?

The Internet of Things (IoT) allows various devices and appliances to communicate with each other or directly with a user by wirelessly transmitting data over mobile networks. These interconnected devices

ensure the collection of large amounts of data that can be used in many different areas, such as industry, healthcare, meteorology, transport, intelligent electrical installation, etc.

What is Narrow-band?

The most recent network of the Internet of Things is called the Narrow-band (NB-IoT). In contrast to existing networks, NB-IoT is designed exclusively for data transmission. It allows users to connect any smart device, wherever it is, to the network. Data transfer is efficient and the battery in the device lasts for several years. The big advantage is the high availability of the signal and its reach even in places where other communication technology fails, such as buildings, underground or underwater. All end devices can be remotely controlled and set up using a simple application or website. Key benefits of Narrow-band networks are:

• High surface coverage.

• High signal transmission (across several walls, underground or underwater).

• Two-way communication (all terminal devices can be controlled and set up remotely).

• Long battery life (terminal devices last up to ten years without recharging).

• Data security (the network operates in the licensed bandwidth).

• Inexpensive equipment (such as sensors, modules and other measuring devices).

What is miotiq.com?

Miotiq.com is an integration platform that enables the data from sensors to be delivered to specialized applications. Miotiq is the key connecting layer between the mobile operator's backend and databases or applications the frontend - for example, various IoT hubs (Oracle, Google, Microsoft, AWS) or a variety of applications. It enables device management, data processing into various data paths (UDP packets, encapsulation into TCP / IP communication), billing and API for direct connection with applications.

About M2M Communication Holding

M2M Communication Holding operates from Central Europe with headquarters in Prague and serves clients all over Europe and the United States. M2MC is a pioneer in the development of NB-IoT communication platforms with a low maintenance cost. It continually expands the possibilities of data collection and availability to ensure an outstanding business environment for IoT / M2M solutions. Further information can be found at www.m2mc.eu.