4MOBILITY™

COLLECTING MOBILE DATA TO UNDERSTAND THE WORLD

4MOBILITY is a platform to collect, process, and present spatial information. It consists of two main components, a processing platform and a collection device called 4NODE. Together they form a decision support system for analyzing mobility. 4MOBILITY is developed to analyze movement patterns and visitor statistics in real time and the past.

The new digital technology is rapidly changing the way we communicate with each other. Completely web-based cloud services in business, in social networks and not least by the fact that our mobile phones have quickly turned into computers have already affected the way we acquire information.

A parallel development is taking place concurrently with the large amounts of data stored in databases for a long time. The need to make the data available in real time, to store more data for future decisions and recording data in a way that previously was not possible, has today become a research front and the foundation of an innovative new development.

It is to connect these worlds 4IT AB have created the platform 4MOBILITY. With 4MOBILTY opens a whole new world of possibilities where organizations can obtain information on requests for new customer services, about individuals' experiences of places and events and, above all, the creation of opportunities to predict possible events.
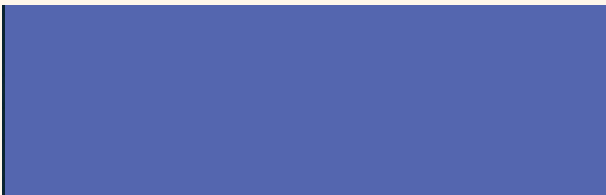
With 4MOBILITY is a foundation platform created to, for example, warn of the risks of accidents in traffic based on how we behave. Warn of probable incidents in socially critical infrastructure based on measured values in real time. Notice how we move in the public space to build more sustainable cities.

4MOBILITY™

Collect, visualize, analyze and report - add a new dimension to your decisions

If you are an application provider and want mobility to your solution...
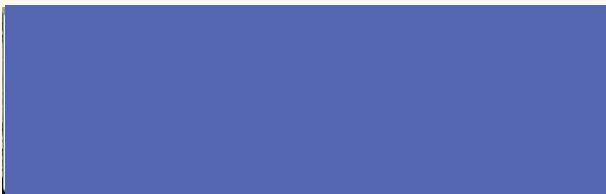

4Mobility makes it possible to integrate communication with different types of mobile units within an application. This is becoming a main interest when an actor wants to create interchange with user or equipment, or both, based on the physical position. One example would be a system for "mood sourcing".

If you are a solution provider and want to add mobility to your customer...

4Mobility is developed for any kind of collected data. 4Mobility works as a stand-alone web application in virtually any form. Compare shop visits with the cash register or detect patterns between physical forces with leakage in the municipal water piping network? 4Mobility is the perfect choice for any organisation that wants to add mobility to its information platform.

If you are an end user and want to collect spatial and mobile info...

4Maps is based on Microsoft technology but can read information from virtually any data source. 4Maps will increase business value to an environment with Microsoft solutions. If a database has coordinate values 4Maps can act as a visualization tool for that content, furthermore, by integrating 4Maps with existing databases you can add location analytics to your BI platform.

Some benefits and features

• 4Mobilty and 4Node is designed for mobility, "all on move" with a weather prognosis like idea, many small nodes that collect data that is processed and presented by 4mobility

• Collect and analyze almost any information and present the information and reports for both engineers and decision makers.

• Generating reports and making forecasts on technical and higher level information.

• Can be programmed and connected to almost any information source available on market.

• Geotags all the information it collects

• Analysis of Wifi and Proxy data, popular places and mobility flow plus mood sourcing.

• Ability to track and detect stolen wireless devices

• Generate reports who is on work and who is working from home

• Can sense visit frequency on places in a town, shop, market

• Perfect system for disaster recover analysis and root cause analysis

• Very flexible, can be used to deal with water flows, electricity, heat, internet surfing and wifi/mobile logs.

• 4Node can be mobile or fix units, they can move around on busses or cars and even people, small aviation drones to collect data. They can also be permanent devices on one place or you can let them down in your water pipe.

I/O POSSIBILITIES as Ethernet, Memory, 4 USB, Mic, HDMI, bus for Camera and external equipment

OPTIONAL POSSIBILITIES such as temperature, air gauge, meteorology, pressure, light, computer, flow sensors, current and voltage meter, hard drive, memory, particle, photocells, IR detectors

ACTUATORS as relay, potentiometer, pump, valve, analog outputs, spectrum meter

COMMUNICATION access point, proxy server, USB mobile, MikroTic, Wifi, 3G / 4G, A / D converters, D / A output, I2C bus

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SIMPLY POWERFUL DECISION

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