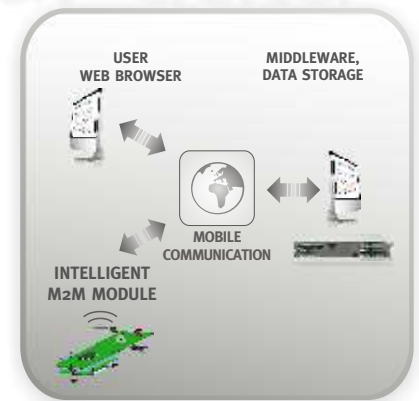


unlimited access to your data

Flow Measurement

Background

With myDatanet Microtronics Engineering GmbH has developed an innovative wireless measurement acquisition system which is suitable for a wide range of applications. Due to wireless measuring instruments and data transfer via GPRS the collected data is available via the internet in real time at any time.



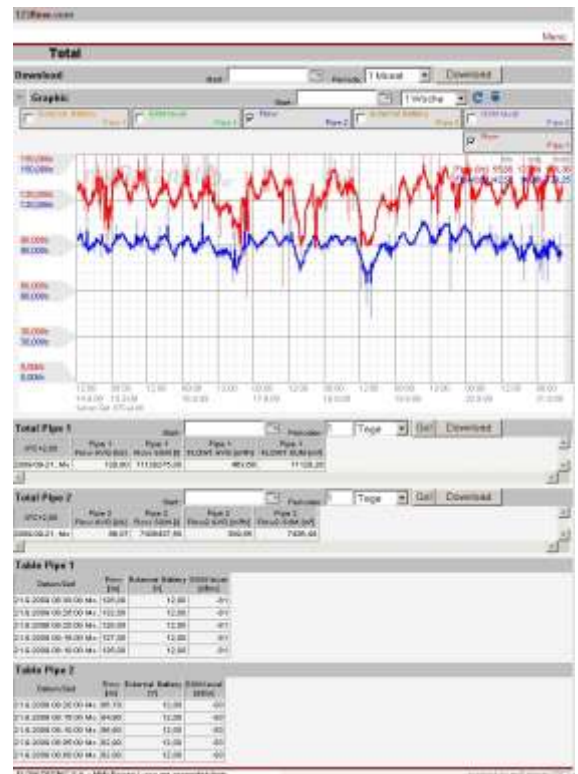
Problem

Flow-Tronic S.A./N.V. (Belgium) offers its customers a wide range of measurement instruments for current and flow for different applications: industry with aggressive effluent, waste water plants and sewers with a high share of solids, natural rivers, sewers or seawater.

For the lime works in Moha (Blegium) the loss of water due to seepage and evaporation between the two tailings ponds connected by an overflow had to be acquired.

Solution

The flow meters have been installed on floats in the lower pond. Due to the System of myDatanet the data is available via the internet at any time. The responsible geologist especially uses the clear graphs and the feature for download of tsv-files for statistical evaluation of the data.



Measurement Points

For this application the EASY PCB is used. It has been installed with the electronics of the IDM in a special casing. Sensor, electronics and EASY PCB are powered by a 12-V-plumb-gel-accumulator. The EASY PCB controls the electronics for saving accumulator-energy.

