



Monitoring of Municipal Engineering Utilities with IOTSU® IMPACT –Solution

IOTSU® IMPACT enables monitoring of pumping station and other public utilities. Solution has 0-10 V and 4-20 mA analogue inputs and I2C-bus which can be used to collect surface level data such as pumping stations and groundwater wells. In addition, device can monitor temperature and check that the space is closed. Solution provides a way to collect data remotely.

Solution Features:

- 0-10 V and 4-20 mA analogue inputs, I2C bus and input for magnetic switch and temperature sensor.
- Transmit collected data wirelessly over long distances.
- Provides near real-time monitoring and saving human resources.
- Designed for demanding conditions



Sensor inputs:	0-10 V and 4-20 mA analogue inputs, I2C bus and magnetic switch
Device sensors:	Temperature sensor
Enclosing:	Enclosed for demanding conditions
Power supply:	2 long-life lithium batteries
Network connection:	Wireless NB-IoT network

IOTSU® IMPACT N12 solution can be extended with additional services. We deliver complete package with Ready-to-go solution if needed. See next page for additional services.





Company: Small Data Garden Oy
Product name: IOTSU® IMPACT N12
Rev: 1.2c_20th May 2025

Expand Your Solution with Additional Services:

Real time Remote Monitoring and Alerts

Measurement data can be analysed and visualised clearly with IOTSU® Cloud solution in real time. Web based service operates without software installation. The service provides graphs and history data and with ability to set alarm thresholds and control commands. You can create new users and reports from a selected period.



Reliable and Secure Connection in Elisa's Network

Our solution operates with the IoT-connection provided by Elisa which guarantees reliable and secure data transmission. Elisa's network has extensive coverage across Finland and is suitable for demanding needs. In addition, Elisa's has broad international network of roaming partners in Sweden and other countries.



Pre-configured Device Solution

We can configure devices to your exact requirements with the measuring heads, cables and SIM cards installed and with settings programmed at our factory. This will significantly speed up deployment and reduce installation work at the site.



Need all this Ready to Go?

Choose Ready-to-go package where device, connection and visualisation create seamless package. You don't need to worry about configuring, installing or connecting. We provide whole solution ready for use.