



Monitoring Electrical Infrastructure Conditions and Power Quality with IOTSU® IMPACT Solution

IOTSU® IMPACT N12 enables condition and power quality monitoring in electrical and transformer stations and fibre cabinets. The solution measures location's internal conditions and collects power quality data such as voltage and frequency from actuators. Predictability of maintenance and network reliability can be improved by the solution.

Solution Features:

- Monitors temperature and humidity inside the cabinet.
- Collects data from actuators and sensors inside the cabinet.
- Allows alerts and surveillance.
- Device or antenna can be mounted on the outside of the cabinet if necessary.



Environmental sensors:	Temperature and humidity
Interfaces:	RS485, 0-10V, 4-20 mA
Protection:	Enclosed for demanding conditions
Power supply:	Battery or fixed power supply
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.