

# DATASHEET

## IoT Energy Monitoring Solutions

ResourceKraft now offers new Internet of Things (IoT) energy monitoring solutions using a variety Sigfox-enabled devices.

### Description:

ResourceKraft's integration of Sigfox-enabled devices allow for monitoring of environmental sensors like Temperature, Humidity and VOC and the reading of electricity, water, heat and gas meters with Pulse Modbus and Mbus interfaces. The wide range of Sigfox-enabled devices ensures that companies can monitor their environmental and energy usage without complicated installation or maintenance.



The devices will use the Sigfox network to send the data to the cloud. ResourceKraft's Advisor energy monitoring application will then process and analyse energy data from the devices and convert it into business information, enabling organizations to understand how and where energy is being consumed at any given time, across all sites.

### Key Features & Benefits:

- Low Cost – Low hardware and connectivity costs, make connectivity to IoT very affordable.
- Low Power – Sigfox technology is energy efficient, and allows operation for years off batteries (DC power also available).
- Simple – Connectivity as a service – no gateways or pairing required. Devices work straight out of the box.
- Real-time monitoring (choice of 15-minute interval and upwards) available for anything that flows – electricity, gas, water, temperature, production units, etc.
- Low-Power Wide-Area Network IoT
- Integrates with ResourceKraft's Advisor Energy Analytics (v. 10)
- Complements 3/4 G, Wi-Fi and Bluetooth
- Dual sensors can be supported by a single transmitter, significantly reducing cost of implementation
- Range up to 10km



### About Sigfox:

Sigfox has built a global network to listen to billions of devices broadcasting data. With its global LPWA (Low Power Wide Area) network, Sigfox has reinvented connectivity for the IoT. It drastically brings down cost and energy consumption required for securely connecting physical devices to the Cloud.

A powerful solution based on 3 pillars:

- Low energy
- Low cost
- Network complementary

### For more information:

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