

## iStaq

### UNIVERSAL, INTELLIGENT DATA LOGGERS

- Qonnectis recognises that for utility companies and commercial, government and industrial energy and water utility users, having quick, convenient access to their company's energy, water and environmental data is essential.

At the core of the Qonnectis utility intelligence system is the iStaq – one of the world's most sophisticated data loggers with remote communications capability. The iStaq makes smart metering possible by automating the collection of remote meter data, delivering to users fast and reliable access to their utility information. The iStaq can store and communicate high

resolution device data using wireless or wired communications, with information accessible via the web using the myMeter service. The iStaq is universal and can be connected to electric, gas and water meters as well as a variety of environmental sensors.

Qonnectis brings intelligence and communications to remote utility meters and sensors.

#### FEATURES

- Accuracy: 15-minute and 30-minute interval data stored and communicated regularly or on demand
- Nationwide & global coverage: communicates via wireless SMS/GSM or by telephone/other networks.
- Self-powered: Up to 10 year battery life
- Any meter or sensor: Water, electricity, gas, environmental
- Intelligent alarms: Email and SMS text alerts of abnormal consumption
- Rugged: IP68 (dust/submersion) and intrinsic safety solutions
- Instant data access: using the myMeter web service
- Remote parameter configuration via myMeter web site
- Analogue sensor data capture




### UTILITY INTELLIGENCE

#### ▶ UP-TO-THE-MINUTE INFORMATION FROM ANYWHERE


The iStaq provides up-to-date remote data, enabling an instant overview of a company's energy or water operations, helping you to examine your energy and utilities profile and pinpoint how to improve efficiency and save money. The iStaq makes it quick and easy to identify situations and processes where energy and/or water are being wasted. As a multi-utility unit, the iStaq enables all meter types to be installed on one device, bringing immediate access to data on all utility consumption.

#### WATER INSTALLATIONS



The iStaq has been designed to operate in the harsh environment of remote water metering and flow measurement. The small size, 10-year battery life, IP68 enclosure and tailored antenna enable the device to operate efficiently over GSM networks from inside meter chambers below ground level. Meter connectivity covers the full range of pulse meters, plus other electronic meters. The 15-minute logging capability (configurable) enables high accuracy data to be collected to provide a powerful solution for water network monitoring, leakage control, water efficiency, and process improvement. Intelligent alarms will tell you directly when pipe bursts or leaks are detected, or when consumption is outside programmed parameters. The multi-channel capability means that multiple meters and/or sensors can be connected within a single chamber.

#### ELECTRICITY INSTALLATIONS




The iStaq can log half-hourly data from the vast majority of single- and poly-phase electricity meters, including both active and reactive power. The unit will fit in both large installations and small domestic chambers. Wall-mountable and simple to install, a single iStaq can connect to multiple meters (including multi-utility) and provide complete remote communications, including high resolution logging and instant alerts for abnormal electricity consumption, outages or tamper detection. The iStaq can also be reconfigured remotely (eg. change logging resolution or call-in frequency) and permits on-demand meter reading when under mains power. The iStaq is a powerful solution for electricity network and site management, usage profiling, and energy efficiency.

#### GAS INSTALLATIONS

The iStaq brings full remote connectivity to gas meters of practically all types. With its 10-year battery life, small size, and optional intrinsically safe barrier, the unit can be used on all sites and provide reliable gas consumption and related data (eg. temperature, pressure) via GSM/SMS text message or other networks. Half-hourly or configurable data logging together with frequent communications mean you are always in touch with what is going on. The intelligent alarms capability means that any exceptional occurrences are immediately communicated to central or onsite staff via text message or email. iStaq gas installations therefore provide all the data required to intelligently manage gas networks, remote sites and processes, profile usage, and energy efficiency.

#### ENVIRONMENTAL MONITORING



The flexibility of the iStaq design means a myriad of environmental sensors or analogue transmitters can be connected for frequent communication. These include sensors for river level, bore hole and tank level monitoring; water and air quality; pipe pressure; rainfall and moisture levels; temperature and Legionella detection. Data can be logged at high frequency and stored prior to being transferred via remote GSM/SMS or other communications. The rugged design of the iStaq means it can operate in harsh environments both inside and out, meaning no site is too remote.

#### A COMPLETE SOLUTION

Qonnectis can provide a full "Qonnectis Complete" package including the iStaq, 5 years of SMS/GSM calls, installation, and operation of the central servers for data collection, data distribution to third party systems, and access to data via the Qonnectis myMeter web service. All web sites are branded specifically for customers with their logos.

Now find out what Qonnectis can do for you.



#### Qonnectis plc

Ash House  
8 Second Cross Road  
Twickenham  
Middlesex TW2 5RF  
United Kingdom

t +44 (0)20 8893 4766  
f +44 (0)20 8893 4092  
e info@qonnectis.com  
w www.qonnectis.com