

Press Release

Meter Reading & Temperature Monitoring over the Internet Using the RTcomTM-IP Radio Data Logger

The Radio-Tech Limited RTcomTM-IP Radio Data Logger is a breakthrough in low cost, high specification, radio data loggers as it is capable of capturing the data from up to 1000 water, gas, electricity, heat meters or temperature sensors as part of a wide area AMR or Energy monitoring system.

Data By e-mail, SMS, FTP or HTTP Transfer

The IP-Radio Data Logger combines a complete web server with a high 64Mb data store running under a watchdog protected Linux operating system. Data is captured via an on-board wireless data port and after verification it is time and date stamped before storing.

GSM, PSTN or GPRS Reporting

Data reports can be on either a regular basis or by exception. Transport layers support e-mail, SMS text, FTP and HTTP. Hardware options include tri-band GSM, GPRS or PSTN networks. There is also an option for a LAN to work with client Intranets.

Tough as old Boots – Crash Proof Architecture

Running on a Linux ARM CPU core the logger has been designed to be tough. However, that is not tough enough for us! We have added a second 100% independent, watchdog driven, supervisory control processor that constantly pings the core CPU. Failure to respond to the ping will trigger a reset. The reset can include the complete powering up and down of the core automatically without you lifting a finger, let alone three fingers! In the meantime the supervisory CPU buffers the data eliminating data loss.