

# PermaNet

## Automatic Data Collection via Radio

ENVIRONMENTAL MONITORING  
PRESSURE CONTROL  
LEAK DETECTION  
DATA LOGGING  
FLOW MEASUREMENT



### KEY BENEFITS

- Removes requirement for site visits and “drive by” patrols, saving time, money and labour.
- Allows for faster response times, thus saving water.
- No SIM and comms charges at the logger end.
- Can be programmed to deliver daily, weekly or monthly reports from the loggers.
- Leak sizes can be determined by matching leak alarms with flow data.
- Immediate targeted response to rises in night-line.
- Problem zones brought quickly and effectively under control.



PermaNet is a permanent, fixed network in which telemetry data from Permalog+ loggers can be sent wirelessly at regular intervals to a remote receiver – such as an office desktop PC. Leakage data can now be delivered automatically every day via the GlobalNet server to any monitoring station connected to the internet. A powerful system can be created to supply up-to-date effective leak location information for the cost effective management of areas with high levels of leakage or access/security issues.

Permalog leakage data is automatically collected by above ground mounted radio boosters, which then re-transmit to the control data hub. The Wi5 data hub (see separate brochure) outputs via GPRS, WIFI or USB so that the information is transmitted to a viewing platform. Licensed radio technology is used, thereby removing the requirement to have SIM cards and communications costs at each logger.

The system can be configured to send a leak alert whenever one of the loggers reports a potential leak, enabling a rapid response to be made. Additional savings are made as leakage teams can now be quickly and efficiently deployed specifically to leak alert areas

PermaNet provides the ultimate leak monitoring system using proven technology to deliver the results you want automatically and directly.



AUTO-  
MATIC

LEAK  
ALARM

5 YEAR  
BATTERY  
LIFE

LOW  
COST  
UNIT



For more information call (513) 831-9335  
or visit [www.fluidconservation.com](http://www.fluidconservation.com)

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# PermaNet SMS

*Automatic Data Collection  
via SMS telemetry*



## KEY BENEFITS

- Removes the need for site visits and “drive by” data capture, saving time, money and labor.
- Allows for faster response times when a new leak is detected or an existing leak gets larger, thus saving water.
- Capable of collecting data from multiple Permalog+ loggers.
- Can be programmed to deliver daily, weekly or monthly reports from the loggers.
- Leak sizes can be determined by matching daily leak alarms with flow data.
- Immediate targeted response to rises in night-line.
- Problem zones brought quickly and effectively under control.
- Radio connection allows all Permalog and Aqualog features to be available for site follow up detection.
- Works with existing Permalog+ units.



PermaNet SMS communicates wirelessly with Permalog+ loggers to collect leak data and then transmits this information directly to an office computer or mobile phone via low cost SMS telemetry. This removes the requirement for expensive site visits and “drive past” data capture. Instead, leakage data can be delivered automatically to your monitoring station.

The unit has a built in radio receiver and SMS transmitter. When it is not receiving or transmitting data it remains in a low power “sleep” mode to conserve battery life. Data is sent via radio from the Permalog+ loggers in range and the unit then transmits this information via SMS to the monitoring station running the PermaHost software.

PermaNet SMS can be configured to send an immediate leak alert whenever one of the loggers reports a potential leak. Additional savings are made as leakage teams can now be quickly and efficiently deployed specifically to leak alert areas.

PermaNet provides the ultimate leak monitoring system using proven technology to deliver the results you want automatically and directly. The unit is water proof to a depth of 4 meters (IP68 rated) and can operate in temperatures between -40C to +85C. It is hard wearing and can withstand a 1 meter drop onto concrete and remain functional.

*Physical dimensions: 75mm (Width), 95mm (Depth), 400g (Mass) and 150mm (Height without antenna).*



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