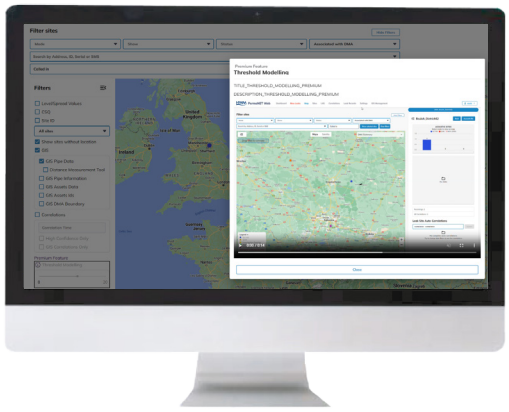
HWM Global

Innovations that keep critical resources flowing.

hwmglobal.com
+44 (0)1633 489479

PermaNet Web

Secure Data Analysis Platform for PermaNet



PermaNet Web is a secure, web-based portal designed to support the PermaNet product range in the remote identification of network leakage.

Supporting acoustic correlation, leak detection and logger programming, PermaNET Web delivers connectivity with multiple loggers and provides the user with numerous ways to view collected data.

With recently launched new features including Threshold Modelling and Electrical Noise Identification, as well as future improvements scheduled, PermaNet Web is an ever-evolving platform to support evidence-based decision making.

Key Features

- **Two-way communication:** local and remote parameter settings.
- **Auto processing:** interference and external noise filtering.
- **Dynamic DMA management:** full DMA views available.
- **GIS pipe network:** overlay GIS data with Google Maps to provide dynamic location information.
- **Electrical Noise identification:** automatically identify and categorise electrical noise using AI algorithms.
- **Functionality:** can be used to set system and threshold alarms, as well as monitoring signal and battery levels.
- **Threshold Modelling:** target a specific DMA and adjust threshold of deployed loggers within it.
- **Compatible:** supported by most major internet browsers and compatible with PermaNet and PCorr+ devices.
- **Noise filtering:** auto-processing for equalisation and frequency correlation display and coherence.
- **Audio data recording:** audio data is sent to the server if a leak is present.
- **Data security:** multiple security features including firewall, individual logins and locational access.
- **Stores historic data:** ability to compare current data with historical data.
- **Variable sampling:** device sampling times can be changed remotely through PermaNet Web.

PermaNet SU

NBIoT-enabled Correlating Noise Logger

PermaNET SU is an innovative correlating noise logger, designed specifically for smaller and more challenging installation areas, that combines a leak noise sensor with our advanced modem to deliver reliable and low-powered leak detection.

PermaNet+

Fixed Network Correlating Leak Detection

PermaNET+ is the award-winning leak detection system that combines a leak noise sensor with versatile telemetry technology, creating a fixed network to monitor leakage,that is practical for large-scaledeployment,

ISO 9001 QUALITY MANAGEMENT | ISO 14001 ENVIRONMENTAL MANAGEMENT | ISO 27001 INFORMATION SECURITY MANAGEMENT | ISO 45001 HEALTH & SAFETY MANAGEMENT | CYBER ESSENTIALS

HWM-Water Limited (Trading as HWM Global). Registered in England and Wales Number 01463016
and registered office is Ty Coch House | Llantarnam Park Way | Cwmbran | NP44 3AW | UK
DAT-2001-0001-B 25.02.2026

A Halma company