

# Patroller GPS Mapping

## Accurate Logger Location Recording



### KEY BENEFITS

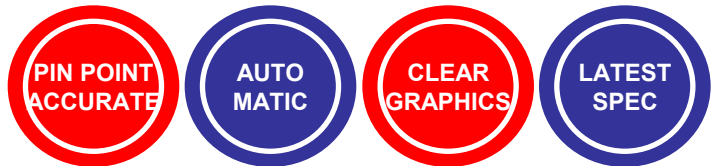
- Automatically records precise logger location for easy identification and retrieval.
- No need for operators to manually record deployment location on paper maps.
- No lost loggers caused by incorrect or mislaid paper maps.
- Files can be exported in .csv format into water company GIS systems for mapping on water network plans.
- Enables quick analysis of leak positions and problem areas.



The Permalog Patroller Leak Detection system now incorporates the latest Microsoft MapPoint technology to enable the location of each Permalog unit to be recorded with GPS accuracy on detailed mapping software. Deployment of the loggers is now simpler, quicker and error free. There is no longer any need for operators to manually mark logger locations on paper maps. The process now takes place automatically.

As each new logger is deployed, the operator uses a hand held Bluetooth scanner to identify and log its unique serial number. This data is then exported into the Permalog PC program where a link to the pre-installed Microsoft MapPoint software now plots the logger positions using GPS co-ordinates automatically onto the map. This enables the precise location of each deployed Permalog to be quickly and easily located. This can be used for permanent or 'lift and shift' type operations and gives peace of mind to the hardware owner. It also confirms that Permalog units have been deployed at the correct locations. A database shows the precise locations of each Permalog unit. Each is indicated by a green flag for "no leak" and red for leak. The serial number, level and spread are displayed next to the logger. The flag can be clicked on to display all previous history (previous patrols).

GPS Mapping permits the operator to conduct a quick analysis of leak positions and problem areas. It significantly reduces the risk of losing or forgetting the installation locations of the deployed loggers.



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