

# Water Smart

Providing FRS's the Tools to Monitor  
and Improve Performance

“What gets measured gets managed” Peter Drucker



**Water Smart** is a hardware and software system that records and displays critical information about fire appliance water usage.

### Key benefits:

- Planning: Detailed analysis of actual water flow and volume utilisation at every incident
- Management: Provides pump and outlet usage levels, with detailed service level quantification
- Performance: Evaluation of procedures, training effectiveness and safety levels, support for investigations and de-briefings
- Operations: Real-time delivery of water resource information to decision makers at an incident

## Key Features

Reads and records all pump flow activity during incident including:

- Water flow and volumes used from tank and hydrant supply
- Links with FRS incident call out database
- Advanced searching of all data based on appliance Call Sign, registration, dates and incident ID
- Extensive range of summary reports for service easily accessible
- Fleet statistics on pump and fire fighting equipment usage, ideal for maintenance, planning and evaluation of procedures and training
- Real-time delivery of flow and volume information to command unit from multiple appliances at incident

## What our Customers Say:

*“Greater Manchester Fire & Rescue Service have worked closely with TSI Flowmeters to develop a response to water management on the incident ground commensurate with 21st century standards of fire fighting. We are continuing to develop solutions with TSI Flowmeters including the use of “Water Smart” software which provides real time water related data to enable informed decision making on the fireground, to inform on future equipment design/testing and review our water strategy. We are extremely pleased with the outcomes to date.”*

Jon Aspinall

Station Commander - Emergency Response  
Greater Manchester Fire and Rescue Service



*“TSI have been a major assistance to Nottinghamshire Fire and Rescue Service throughout this development and we look forward to continuing this excellent relationship in working on future projects and the development of flow management.”*

Trevor Tarlton-Weatherall

Group Manager  
Head of Equipment  
Engineering Team  
Nottinghamshire Fire and Rescue Service