

## DELIVERING A NEW STANDARD IN WATER LEAK DETECTION

### The Problem

Despite the understandably significant resources spent on mitigating loss through fire, there is a much greater threat to business continuity, that of disruption to business and asset damage through water leaks. Statistics show that the most likely cause of claims in blocks of flats, hotels, retail premises and commercial buildings is water damage. It is now a commonly accepted fact insurers that water leakage is now the costliest and most common claim made by commercial customers.

The cost to businesses due to water leakage can be significant and it is not just the obvious cost of physical damage to IT and other electronic equipment, plant, fixtures and fittings, stock and the fabric of the building. Like fire damage, even a seemingly minor water leak can result in temporary relocation, resultant increased employment costs and significant business interruption and loss of profits.

### The Solution

The only way to mitigate the risk of water damage is to continuously monitor for water leaks. Risk assessment of the risk of water damage and the installation of Water Leak Detection Systems are increasingly being recommended by commercial insurers and is often a requirement for full cover.

Leading the way in Water Detection technology is the new WF Series system it includes both Conventional and Addressable solutions and designed to be infinitely reliable, with many of its features also found in systems designed to ensure life safety.

### How it Works?

WF Series leak detection systems are designed to protect areas where water ingress could seriously damage electrical, communication and computer networks. It continuously monitors for water leaks around the clock, year in year out and has the facility for 72 hour battery standby in the event of power failure. Should a leak be detected the control panel sounds an alarm which can be extended to a remote location.

The new WF Series systems provide both linear detection using WF Series and point detection using probes. Linear detection WF Series is a flexible cable which will continuously monitor large areas. When even a small amount of water or moisture comes into contact with WF Series it will trigger an alarm. Point detection is provided by WF Series floor or drip tray probes, these are fixed to the floor or drip tray and adjusted to give the required detection level and connected to the control panel via a Hydrosense water leak detection module. Utilising life safety technology in the design of Water-Leakage provides the reliability and integrity of BSi approved fire detection systems, meaning there is virtually no risk of failure, downtime and significantly fewer false alarms.

## WF SERIES ADDRESSABLE WATER LEAKAGE DETECTION AND ALARM SYSTEM



**WF ONE**

- ▶ 240 addressable device each loop
- ▶ Expandable up to 9 loops
- ▶ Graphic touch screen display (480x272 TFT 4.3")
- ▶ Different alarm scenario possibilities
- ▶ PRE-Alarm and Alarm function



**WF 1224 AD**

- ▶ Suitable for wet environments
- ▶ Addressable with isolator
- ▶ IP24 Rating



**WF MC300 2**

- ▶ Provides high reliability and fault monitoring
- ▶ Short circuit isolator
- ▶ 2 output (1A) 24V
- ▶ Full digital protocol
- ▶ Automatic addressable (with Control Panel)



**WF VI716 CF P**

- ▶ 2 x 16 LCD screen
- ▶ Plastic or metal box options
- ▶ Max 20 detector can be connected for each zone
- ▶ 1 relay output 2 sounder output
- ▶ Based on Microprocessor



**WF 1224**

- ▶ Suitable for wet environments
- ▶ Relay output
- ▶ IP24 Rating



**WF SERIES ADDRESSABLE  
WATER LEAKAGE DETECTION AND ALARM SYSTEM DIAGRAM**

