



# An engineers guide to leak detection systems

Rely on TraceTek system to pinpoint a leak at its source

It's no secret that water leaks cause major damage and disruption in commercial buildings. That's why more engineers are specifying leak detection systems in sensitive electrical areas – such as computer rooms, dealer floors and telephone switch rooms.

But not all detection systems provide the reliable protection that a TraceTek system delivers. Consider a few important reasons why you should choose a TraceTek leak detection system:

## Dries and clears quickly.

After responding to a leak alarm, you can quickly restore TraceTek cable to normal operation. The unique construction of TraceTek sensing cable leaves virtually no place to trap moisture or contaminants; the cable was designed to dry almost instantly.

## Distributed sensing for quick detection.

As soon as a water leak reaches the cable the TraceTek system sounds the alarm. And because the TraceTek cable can sense water anywhere along its length, you're assured of early detection. You can arrange the cable in various configurations – and detect leaks at their source.

## Extremely durable – and easy to re-use.

TraceTek water sensing cable makes good use of Raychem materials science expertise. The result is a small but rugged cable that is extremely resistant to corrosion and abrasion. The cable can be easily cleaned and reused time and time again.

## Modular system for easy design and installation.

You don't need special tools to install a TraceTek system. Standard lengths of cable quickly plug together, so you're up and running fast. And you can easily add to the system in the future.

## Pinpoints the leak in seconds.

TraceTek sensing cable is connected to an Alarm and Locating Module. When water is detected, it sounds an alarm and displays the exact distance; for example:

**Leak at 219m "Comms Room East"**

Our microprocessor-based Alarm and Locating Module continues to monitor after a leak, and re-alarms if there's any major change. The module keeps a log of events and has built in system-wide diagnostic functions. It also provides improved interfaces, including RS-232 / RS-485 Modbus communications.

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