

## Additional deterrents

### Ram raid Security

If you do not have natural obstacles such as street furniture, trees, boundary walls etc. then you should consider anti-ram raid bollards or reinforced stall risers

### Smoke Security Systems e.g. Smokecloak or Mist Machines

Smoke Systems are physical deterrents that confront intruders with a barrier of dense, white screening smoke. Smoke security systems are activated from the burglar alarm or by PAs during business hours for hold-up security. They provide good deterrence and can trap an unwary burglar.

This "active" security helps to close the burglar's 'window of opportunity', between entering a premises and the authorities arriving. Once an Alarm is activated, the Smoke is created in seconds and consists of billions of microscopic particles that create the illusion of smoke. The smoke is non-toxic, non-conductive and most importantly non-contaminating. The smoke system will rapidly fill a room where valuables are stored, with a dense fog. This dense fog is harmless, but impossible to see through. It is forced out at such a high temperature and speed that is incredibly difficult to stop (although it cools rapidly).

Quite simply, the burglars can not steal what they can't see.

There are various different smoke systems available on the market:

The **Bandit System** has a unique, patented high pressure (200 p.s.i) system which ejects at an extremely high speed (28 cubic metres per second), a dense visually impenetrable fog within seconds of intruders being detected, protecting areas of up to 500 cubic metres from one single unit. It is capable of multiple, successive firings, the unit continues to protect valuables in the event of the intruder returning. The bandit can be installed independently or incorporated to enhance an existing alarm system.

The **Smokecloak** fills 300 square metres in less than 30 seconds. It uses a feedback sensor that detects the level of smoke. When the required level is reached the machine switches off. If the density drops, it will reactivate, maintaining protection. Smokecloak is designed to work with a standard alarm system, so as soon as the alarm is activated, the smoke bursts in to action.

There are a range of Smokecloaks for all sizes of buildings or rooms. Smokecloak became the first electronic security system to obtain police approval via the 'Secured by Design' initiative.

**Concept Smoke Screen** has pioneered techniques, having designed a smoke system 35 years ago to protect gold bullion in specialised vaults. Concept Smoke Screen has designed ducted smoke systems and stand alone systems. Their products can be used with the most advanced alarm system and security installations as well as the less complex, entry level systems. The **Rapid Deploy** is a patented design, unique to Concept Smoke Screen Set up and protection takes a matter of minutes. It is capable of completely independent operation; the product also offers GSM signaling off all functions (including activation) to make the Rapid Deploy truly stand alone. The Rapid Deploy was awarded "Best New Physical Security Product" at the IFSEC 2007 security exhibition.

"Thieves can't steal what they can't see!"

For more information on Smoke systems visit:

[www.smokecloak.com](http://www.smokecloak.com)

[www.smoke-screen.co.uk](http://www.smoke-screen.co.uk)



[www.bandit.co.uk](http://www.bandit.co.uk)

[http://www.concept-smoke.co.uk/security\\_systems.htm](http://www.concept-smoke.co.uk/security_systems.htm)

<http://www.chubb.co.uk/chserver/navId/00000200t002>

<http://www.smoke-screen.co.uk/>

## **SmartWater**

SmartWater Index is a revolutionary security system that uses state-of-the-art forensic science to deter criminals and protect your premises.

The system contains a unique DNA-style chemical code; created exclusively for your premises by SmartWater technicians no two premises will have the same SmartWater code.

SmartWater Index is activated through a low pressure spray system that is installed at strategic points within your premises. The system is triggered when a break-in is detected or a panic button pushed, spraying the criminal in a controlled manner with a harmless water-based solution.

SmartWater Index will remain detectable on skin and hair for weeks and on clothing indefinitely. The solution is invisible to the naked eye but any traces will glow brightly under ultraviolet light. If a criminal is caught with SmartWater on them, the unique forensic code provides the police service with an irrefutable link back to the scene of the crime

By raising the risk of capture and conviction, SmartWater Index intensifies a criminal's fear of being caught to the point where they will abandon their plans in search of a softer target.

A key aspect of the SmartWater Strategy is to work closely with UK police forces, 95% of which currently deploy SmartWater and are trained to detect it. This helps ensure that the criminal fraternity is educated about SmartWater and fear its 100% court conviction rate.

SmartWater is recognised by the National Association of Goldsmiths (NAG). SmartWater Index has a 100% track record when installed at jewellery stores within areas of Central London and Birmingham, where it has effectively deterred burglars and armed robbers for more than 4 years.

For more information on Smartwater visit [www.smartwater.com](http://www.smartwater.com)

