

# GAS DETECTION SYSTEM



“ *The destruction was total.  
The front of the building was  
completely gone. It is amazing  
no one was injured* ”

Blowing the door off an ATM machine is not a new phenomenon. The practice of criminal gangs using explosive devices have been reported across the world for many years, some even here in the UK with spectacular video footage being circulated through various news channels.

The sudden increase in this specific type of Gas Attack, usually seen across Europe and now more frequently on UK estates, is a worrying development for banks and independent ATM deployers. The act of destroying the ATM for criminal reward is not the major concern for many organisations. The potential harm to staff, customers and the innocent passer-by, partnered with the huge cost of reconstruction work to make the buildings and surrounding areas safe, adds real weight to the dangers these attacks afflict.

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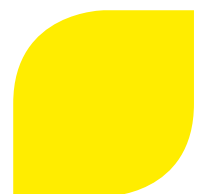
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# DETECTION PARTNERS PROTECTION AGN-ANTI-GAS SYSTEM



Notice the Gas Pipes leading from the ATM



Violent Explosion

## How does the AGN Detection System work?

The Gas Detection System includes an advanced monitoring and alarm mechanism, all totally hidden from view. The key elements of the product are:

### The Detection Unit

A multi-sensor unit is included to detect the presence of gas, these two independent sensors work in unison but independently. A microprocessor built within the device, interprets and measures the change in environment and takes the appropriate decision as when it should discharge the contents of the neutralising gas, these are based on the pre-set parameters. The system is programmable to meet the variety of applications and needs.

### The Valve Unit

This is the control unit that opens and closes the valves in response to the threat. This is positioned on the bottle(s) and will open and close dependent on the instructions coming from the sensors.

### The Bottles of Neutralising Fluid

The contents of each bottle is a neutralising liquid, this immediately turns to gas the moment it is released and reacts chemically with the hydro-carbon gasses. After the numerous tests conducted on the product, the results of when a continuous gas mixture (acetylene / oxygen) is pumped into an ATM safe at a flow rate of 30 litres per minute, the response of the neutralising gas meets and masks the potency for a sustained period.

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