

PROTECTION FOR THE BUSINESS PARK



1 Define the perimeter

Erect Physical boundaries, for example with walls, fences, anti climb barriers, hedging, and ditches. Create psychological barriers with changes in road surface colour, rumble strips and similar devices. *See also mobile sensor posts – protecting retail premises ‘alarm systems’.*

2 Protecting external plant and equipment

From ride on lawnmowers to trailer mounted compressors, many organisations have thousands of pounds tied up in plant and equipment. Where such equipment is stored externally or in outbuildings, consider storing in a secure cage or compound, individually alarming items, or chaining items to ground anchor points. Wheel clamps, or collapsible parking posts, can be used to help protect pool cars and company vans. Visible or covert marking systems are inexpensive and easy to apply. As well as acting as a deterrent to the opportunist thief they also help Police identify ownership of stolen and subsequently recovered items.

3 Landscaping

Landscaping can be used to compliment other security measures and will often significantly improve the general appearance of a property, creating a good impression on visitors. It should not however obtrude on the natural surveillance of the site (e.g. trees should not mask lighting columns or camera views).

4 Physical security – buildings

Various physical security measures are covered within this booklet, see the Protecting your business sections on retail premises, the office. *(See also BS 8220 – part 3)*

5 Lighting

Lighting together with other measures is a deterrent to crime. Sites should be adequately lit with higher levels of lighting in vulnerable areas.

6 Telephone lines

Consideration should be given to bringing all telephone lines into the building underground to ensure the integrity of any monitored alarm system installed.

7 CCTV

The use of camera surveillance of industrial estates is increasing as the benefits continue to prove themselves and as CCTV equipment becomes more sophisticated and cheaper. Options now include affordable, high quality wire free systems to compliment conventional technology. The new generation of digital recording / CCTV transmission systems has introduced a high level of flexibility and offers affordable monitoring of several cameras (at multiple local and/or remote monitoring sites if required). It is also possible to record images from multiple cameras directly onto a PC's hard disc, or specialist digital image recorder, complete with date and time stamp information. Businesses on the estate can of course elect to install a shared external surveillance CCTV system thus spreading the cost between multiple users.

8 Business watch

Significant and cost effective benefits can be achieved by the liaison and co-operation between occupiers of units in co-ordinating overall security, e.g. shared control room, static guarding, random patrolling by an accredited security company.

The perimeter which can be considered as the boundary and the grounds of the property is the first line of defence against the burglar or intruder. The longer a thief is on-site, the greater the risk of detection, and the earlier an intruder is detected, the greater their chance of being caught. For this reason, in the vast majority of commercial theft incidents thieves plan to get in and out again with their spoils in less than 3 minutes, so anything that can be done to slow them down and identify their presence early will offer a positive contribution to security.

Perimeter security measures are typically designed to:

- Make access to and exit from the site difficult and time consuming for unauthorised intruders
- Make removal of items more difficult, i.e. loading stolen PCs from a building window straight into the back of a van, is a lot easier and quicker than having to carry them to a van parked outside of a perimeter fence (even if it is only a hundred yards away)

Perimeter security measures may also incorporate detection or observation systems, which in turn may trigger an alarm condition and start the countdown to site guard or Police response. Gates and outbuildings can be secured with insurance approved padlocks and chains. Materials which could be used to assist entry or exit from your property should not be stored close to the perimeter.

Natural physical barriers include:

- Hedges, ditches, ponds, streams or rivers

Man made physical barriers include:

- Walls, fences, gates, including anti climb deterrents such as wall spikes, rotating barriers for wall tops or fences, razor wire, anti climb paint
- Ornamental ponds, rockeries, planters or raised flower beds

Associated products / measures include:

- Padlocks, chains
- Traffic management products; rising arms, rising ramps or bollards, lift out lockable posts, fixed posts or bollards, speed ramps, traffic flow control plates, height restrictors
- Detection / Monitoring products; sensor / transmission systems (various types available), security lighting, CCTV (anti climb spike collars for CCTV camera mounting poles)
- Manpower / Personnel

Manned gatehouse

To control access to the site is a practical option for many organisations and is obviously a measure which offers a degree of protection against thieves. It provides a check in / visitor control point for vehicles and pedestrians and could also provide an intercept point for thieves on their escape route.

Building reception

Responsible for visitor validation / authorisation, vehicle and visitor logging. Building reception can be given advance warning of visitor arrival by gatehouse staff to ensure the visitor does not get 'lost' en-route.

Remote control of gates, rising barriers

Typically operated by a security guard or alternatively by some form of token, tag or electronic keyfob issued to authorised visitors / residents.

- CCTV observation / monitoring system – electronic surveillance (and optional recording) system. Can also be linked to an automated number plate recognition system which could in turn be used to automatically operate gates or rising barriers, as well as logging attendance on a PC based database.