

## High-tech warehouse security strategy



Warehouses on industrial estates often require advanced security solutions for generally such sites are relatively isolated, the contents are often valuable or present in large numbers and few buildings are occupied at night. The security requirement for a warehouse storing a valuable product is therefore exacting. This is why installer National Security Systems has made extensive use of security

solutions from Norbain to provide comprehensive intruder protection for a brand new £2.5million 35,000sqft cash and carry alcohol warehouse in the North of England.

Although NSS is based in Barking, London, recommendations from pleased clients are taking staff all over the country, including to this latest site in Newcastle. Managing Director Dave Naran says: "Newcastle is a long way to go to carry out installation work, but the size of this project made it exciting and challenging. We had to make sure that any kit we used was of a very high standard and had a proven track record. We worked closely with Shaun Southall, internal sales representative at Norbain SD, who has collaborated on many projects with us and has proved to be a great asset. The Excel premises store spirits and wine so security was paramount - the recorded CCTV images have to be of the highest standard."

### Suited to hostile environments

One of the key features evident throughout the warehouse is a substantial array of Pyronix Equinox E dual technology detectors. Those sited within the warehouse are designed to survive hostile environments such as rapid and extreme temperature changes. The major rear access and a side door are covered by these detectors, securing every approach. The door is also protected by surface mounted contacts and a coded keypad. Other access areas have steel roller shutters, and therefore don't require contacts, but are comprehensively covered by PIRs.

Dave Naran says: "The intruder system was as important as the CCTV element of the security solution. The location of the perimeter protection solutions was critical, in order to ensure a Police response and satisfy the insurance companies. We needed to be included on the Durham Police constabulary's approved list of installers. They kindly visited the site and were extremely impressed by the extent of the installation."

### High security for high value goods

Inside the warehouse, the spirits aisle attracts particular attention: it is viewed by two Samsung Day night high resolution CCTV cameras (SDN520), fitted with Vista varifocal lenses (VDD35V814). These allow extremely high definition images to be generated regardless of light levels in the warehouse. A number of these cameras also provide surveillance for the exterior of the building and are protected from fogging by external heated housings (TPH1000). The site also utilises Vista infra-red lamps (VIR50) to ensure that images can be captured effectively at night.

The cash office - one of the most critical rooms in the building –is protected by two Vista high resolution internal dome cameras (VFD4V9/CWe), which provide discreet but comprehensive surveillance. Pyronix Magnum TQ PIRs cover the climate-controlled reception and front office areas and another similar internal dome camera is sited within the front reception entrance area, ensuring the arrival of visitors is recorded. A security keypad and proximity readers, installed when the building was originally constructed, also maintain access integrity at this point.

The control panel that coordinates the entire security solution is sited in a small office close to the main warehouse. A Redcare GSM system is connected to it – this is a BT service that combines a secure landline connection with a GSM radio backup path in case of failure.



### Success brings further work

Warehouse owner Sandeep Chahal says that the decision to install such a comprehensive security system was “thirty percent down to insurance”. He adds: “You have also got to consider business disruption. If someone tries to break in it makes a considerable amount of mess, although it is unlikely in the extreme that they will actually manage to get in. However, under these circumstances it is quite hard to continue operating and it is likely that business would be halted for a day or two while a clean up was undertaken, with consequent financial losses. Therefore having an effective and comprehensive security system is crucial.”

Dave Naran concludes: “Norbain has been like a joint partner in our company, they have always delivered what they promised and without their help this installation would have been difficult.” The success of this project has enabled NSS to secure other contracts in the Newcastle area, and the business now has plans to expand to the north east in the near future.