

LARGE MULTI-NATIONAL TECHNOLOGY MANUFACTURER PROTECTED BY FIBER SENSYS



Client

Technology manufacturer

Installer

Brinks

Distributor

Anixter

Product used

OPTEx Fiber SenSys® FD525R

The site

The huge site of a technology manufacturer in Ireland was being expanded to include new offices and car parking and required a new solution to protect the perimeter.

The challenge

The fence was patrolled by guards, but not only was it a costly solution it was also inflexible as to the hours it could be monitored. The manufacturer turned to the installer Brinks to find a suitable solution for its high-security perimeter protection requirements.

Brinks looked at a selection of fence perimeter intrusion detection systems (PIDS), and OPTEx's Fiber SenSys fibre optic solution that had been successfully installed on another of the manufacturer's sites in America made the shortlist.

The solution

The 25-zone fibre-optic perimeter protection system FD525R won the tender. One of the key reasons to choose fibre technology on this site was the length of the perimeter: 1.25km. A conventional system would have required signals every 100m whereas the Fiber SenSys PIDS is split into 25 zones with the alarm outputs programmed to eight PTZ camera inputs that are pre-set along the razor wire fence.

The FD525R provides very high perimeter security for fence or wall applications and its Alarm Processing Unit (APU) can conveniently be located up to 12km from the site. The configuration software delivered with the system enables it to be calibrated using over 25 parameters to tune out any noise that could cause false alarms and makes the system extremely reliable - in the 18 months since it was installed, the system has not required any adjustment.