

# OPTEX and Wavestore

## Intelligent perimeter detectors integration



The rising costs of deploying security guards had led to increased use of intelligent perimeter detectors supported by high definition video surveillance cameras, with the objective of detecting intruders before any crime takes place. At high security, critical infrastructure sites, the same combination can complement other security measures in order to combat the threat of terrorist attacks.

The integration of Wavestore's open platform video management software with the REDSCAN RLS-3060SH IP Laser sensor and Fiber SenSys® FD525 fibre optic fence detection system, both of which are manufactured by the OPTEX Group, offers a powerful tool to deter and detect would be intruders, whilst providing instant access to recorded video when verification of any incident is required.

### About OPTEX

Established in 1979, OPTEX is known for its innovation including a number of the world's firsts such as the development and commercialisation of the first automatic door sensor using infrared rays. The concept of outdoor protection to proactively prevent a crime from happening was introduced by OPTEX in 1986 when the company launched the first outdoor detector for the purpose of detecting intruders to the perimeter of buildings and sites.

- The REDSCAN RLS-3060SH utilises innovative laser technology to identify the size, speed and distance of a moving object within 30m radius. It can be installed in horizontal mode or vertically to create a virtual wall of 4 -15m high x 52-59m wide. With a unique detection

algorithm, the RLS-3060SH offers loitering detection, flexible area masking, day/night settings and eight independently adjustable detection areas.

- The Fiber SenSys FD525 fibre optic detection system is equipped with a 25 zone Alarm Processing Unit (APU), for larger perimeters (up to 500m of sensing cable can be used per APU) or wall applications. It is capable of simultaneous multiple-point detection and is supplied with easy to use calibration software.

### The Solution

The REDSCAN RLS-3060SH IP Laser sensor and the Fiber SenSys FD525 fibre optic detection system are both designed to interact seamlessly with fixed or PTZ cameras to allow control room operators, via a Wavestore's single screen video recording and management solution, to visually verify what is occurring and trigger an effective response. The detectors will connect to any analogue or IP camera via the Wavestore VMS with selected PTZ models enabling the tracking of people, vehicles or an object across a pre-set camera view, to make the operator's task easier.