

Case Study – Building Site Protection

The Scan-360 is fully integrated with the SiteRadar mobile surveillance system and provides 24/7 security at building sites, wind farms and storage compounds throughout Holland.



The integrated solution combines the Scan-360 Radar, 360Vision Technology Predator camera, Site Radar software and 4G-transmission with local recording, alarm integration and battery backup to provide a truly bespoke mobile platform.

With an operational range of 200 metres covering an area of 125,000 square metres the solution detects movement of people and vehicles in all weathers.

On detection the camera is automatically directed to the object and displays the image perfectly, day or night.

SiteRadar have developed secure, web-based software utilizing the speed, bearing and range output data from the Scan-360 radar. Their GUI Interface allows the operator to view targets in real-time on a full feature map..

The fully featured software package with its advanced algorithms, sensitivity and clutter settings enable the installer or operator to define the active detected area over 36 zones, reducing the possibility of false alarms caused by trees small animals or nearby roads. Each zone can be configured for multi-level cause and effect operations depending on who receives the alarm, operator, supervisor or security manager.



Why Radar?

Radar offers improved detection over PIR sensors because, unlike PIR sensors, which measure heat emitted from an object, radar is an active system that measures the entire environment.

Imagine radar like a bright search light that illuminates a large area and detects all objects. PIR sensors can only look in the darkness for any infra-red energy an object may emit. The Scan-360 radar detects and measures the target bearing, range, speed and amplitude.



About Ogier Electronics

Ogier Electronics design and manufacture microwave technology for the Security, Transport and Broadband sectors.

Scan-360 and our perimeter protection sensors are used in CCTV systems across the UK, Europe, Middle East, Asia and America, primarily to monitor fence lines and movement of people and vehicles in areas such as remote utility installations, data centres, solar farms, building compounds and government buildings.

For further information on the Scan-360 or to arrange a demonstration please contact us on +44(0) 1727 853521 or visit our website www.scan-360.org.uk

