

## Case Study:

### CCTV System Upgrade for a Major Corporate Technology Site.

The technology centre site is set in 36 acres of woods and parkland in an area of outstanding natural beauty and is home to a major research site. Here, highly skilled chemists, engineers and other specialists are tasked with meeting the modern world's demand for lubricants.

The nature of the site dictates that aesthetics are as important as the quality of the systems to be installed. With this in mind, Sword Services Ltd has replaced the existing PTZ cameras and conventional camera housings with stylish Bosch 500i Series Automes (advanced, fully function dome cameras).

Bosch AutoDomes are one of the most technologically advanced CCTV camera dome systems available today and were the perfect choice to compliment the advanced technological nature of the site.

AutoDome 500i Series adds real intelligence to your video surveillance applications. Equipped with AutoTrack II, the latest version of Bosch's award-winning motion tracking software, built-in image stabilization, motion detection, and a sophisticated alarm handling “rules” engine, the AutoDome 500i Series incorporates advanced, intelligent video features unmatched by any other camera system.

Bosch introduced the industry's first automated motion tracking system, and now this award-winning technology is even better. The AutoDome 500i Series contains an advanced DSP (**D**igital **S**ignal **P**rocessor) that provides real-time video processing for incredibly smooth object tracking.

AutoTrack II utilizes Bosch's unique “virtual masking” technology. These “invisible” masks are created to act just like privacy masks, except that only the AutoTrack can see them – and it knows to ignore any motion behind them. This enables the AutoTrack to ignore extraneous background motion, such as a tree blowing in the wind, making it ideal for both indoor and outdoor applications.

With AutoDome, you can create a “region of interest” within a preset position where motion is to be detected. The AutoDome 500i Series supports a total of 10 individual regions of interest (one per pre-position). VMD (**V**ideo **M**otion **D**etection) also takes advantage of virtual masking to ignore areas of unwanted motion.

Images from the AutoDomes are recorded via a Bosch Dibos DVR (**D**igital **V**ideo **R**ecorder). With the video management software, managing recording playback and the transfer of evidence of recorded incidents is simple and efficient.

The telemetry control (pan, tilt & zoom functions) of the Autodomies is via Bosch's field proven Allegiant Series Matrix, giving the ability to view any of the cameras on any selected monitor display.

The entire Bosch solution has provided the site with a highly advanced external CCTV surveillance solution that is feature proofed, sophisticated, with advanced functionality but is extremely simple to operate.

Sword Services Ltd is dedicated to providing outstanding customer service. The quality of the installation and support, together with the technologically advanced standard of the solution provided, will ensure that the technology site will have a CCTV surveillance system that will provide them with many years of service of the highest standard.