

# Security technology that offers peace of mind

Recent years have seen an increasing trend towards the creation of 'security estates' for residential, commercial and industrial purposes. But how secure are the perimeters of these estates, really? How much faith can the occupants actually put in the security systems being used? C3 Shared Services, specialists in 'intelligent perimeter security solutions', believes it can offer customers a system that guarantees far better peace of mind.

C3's founders and directors, Brendon Cowley and Nick Grange, have both been in the security business for over ten years. The company's approach is to provide an end-to-end security solution from design to implementation and monitoring. The core products around which the security system is implemented include cutting edge thermal camera technology combined with intelligent video analytics imported from Israel. Brendon explains that the equipment is all military grade, and has been extensively tested in the field by the Israeli Defence Force. Users of this technology include the Israeli and US governments, the Vatican and Heathrow Airport, among others.

Video intelligence is used to monitor the perimeters of estates, but what sets this system apart is the way it detects potential threats. The goal is to detect and record only those moving bodies which are in fact highly likely to represent a real threat, thereby minimising false alarms and allowing the personnel who monitor the camera feed to home in on real threats. The thermal cameras allow the analytics to continue to detect potential threats day and night.

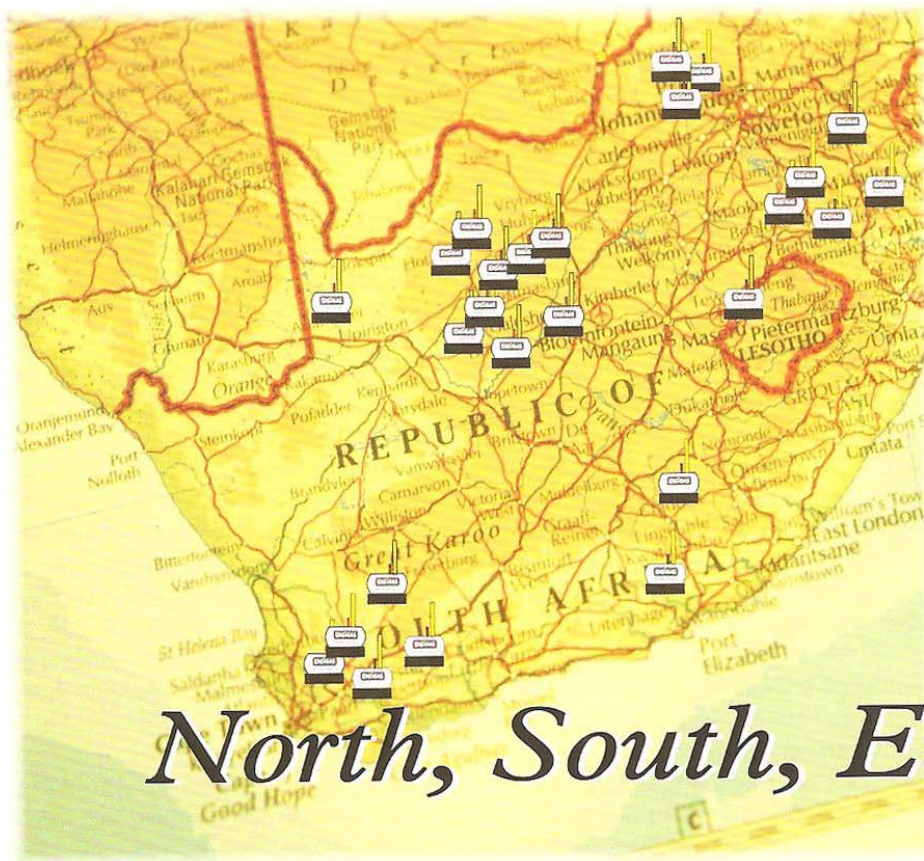
The camera settings are specially tailored and designed to meet the needs of the specific estate on which they are installed. This relates to the range of detection, the size of the moving target detected, etc. Because the cameras operate using thermal technology, they detect movement equally well day and night or in bad weather. C3 Shared Services offers a full consulting, design, supply and support service to ensure that customers get the best out of the product.

"Our goal was to minimise the false alarm rate and empower security staff to do their jobs better," explains Brendon. "Without proper visual verification of a threat, one is wasting one's time," he adds. He explains that when C3 Shared Services was established three and a half years ago, the company set out to offer people solutions in electronic security that gave them a real sense of comfort.

Business has spread through word of mouth and C3 has installed security systems at a number of large residential estates including the Xanadu Eco Park near Hartebeespoort Dam, which has 8km of perimeter fencing. While residential estates are where the company's main focus is at present, the technology works equally well for industrial, mining and office park applications – in fact, anywhere where there is a large perimeter that requires monitoring.

Brendon and Nick will put their extensive experience to work to customise a solution for each client's specific needs, ensuring that an effective and reliable security solution is created, and providing ongoing support through the application of international best practices and cutting edge technology.

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