

AUTOMATIC NUMBER PLATE RECOGNITION SECURITY SYSTEM FOR OFFICE/RESIDENTIAL CLUSTER COMPLEXES

With security becoming an increasingly important consideration for both business and residential complexes, automatic number plate recognition (ANPR) technology is finding favour in the security of such complexes by controlling vehicle entry and exit.

Protoclea Advanced Image Engineering has developed a “plug and play” ANPR security system. It has high definition cameras that will improve overall security at residential cluster or sectional title complexes, small office parks and businesses that hold title to their own office building. Protoclea specialises in image processing, digital video systems, Intelligent Video Software (IVS) and network-centric surveillance.

Serious crime invariably involves vehicles and major public parking facilities, such as those at business/shopping complexes and airports that have installed state-of-the-art ANPR parking control and CCTV surveillance systems have seen crime levels drop.

“There is an emerging need in the market for a cost-effective, simple to install ‘boxed’ ANPR solution that will control entry and exit into residential and business cluster complexes. Number plate details of all vehicles entering and leaving the complex are recorded and date/time stamped,” says Protoclea managing director Dr Bennie Coetzer.

“With residential cluster complexes, the ANPR system can limit vehicle access to pre-authorised vehicles, such as those registered to people living within the complex and, on any given day, those vehicles whose number plate details are supplied by a resident for approved visitors. The ANPR streamlines and automates the process for security personnel manning the entrance/exit gates.”

Protoclea’s extensive experience with the implementation of large parking security solutions, including the major system installed for ACSA at OR Tambo International Airport, covering 44 entry and exit lanes monitoring up to 20 000 vehicles a day, was brought to bear in the design and development of the “boxed” ANPR solution.

The “plug and play” ANPR solution helps prevent vehicle theft from office and residential complexes. Strict access control has proved effective in reducing overall crime.

Note to Editors: Protoclea (Pty) Ltd, trading as Protoclea Advanced Image Engineering, is a wholly South African company, formed in 1987 and headquartered at Lonehill, Sandton. Protoclea Advanced Image Engineering specialises in image processing, data communications, digital video systems, Intelligent Video Software (IVS) and network-centric surveillance system management platforms and components for defence, commercial security and specialised imaging applications. Protoclea provides system engineering, high-speed digital design, image processing, embedded software design, digital signal processing, high level software design, data communications and general RF communications.

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