

Company Profile





Who are we?

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ABI Technology Systems is uniquely geared at providing ***Total Integrated Turnkey Solutions*** based on the fact that we are a multi-disciplined ***Design, Supply and Install Technology Company***. We have identified opportunities within the Industrial, Commercial and Residential business sector.

Our culture is one of partnering our staff and clients in long term business relationships that are mutually Beneficial, Financially and Technology Integrated, motivated and managed professionally.

Mission Statement

To ***Design, Supply and Install*** cost effective market related Integrated Systems utilizing ***Innovative Technology Products***, computer based to stand alone systems by partnering our suppliers and clients.

Products and Categories

INTRUSION COMMUNICATING CONTROL PANELS

FIRE DETECTION SYSTEMS & SUPPRESSION SYSTEMS

CCTV MONITORING SYSTEMS

ACCESS / EGRESS AND TIME CONTROL SYSTEMS

ELECTRIC FENCING

INTERCOM AND PUBLIC ADDRESS EVAC SYSTEMS

GATE AND GARAGE DOOR AUTOMATION

CHILLI PEPPER SPRAY SYSTEMS

Intrusion Communicating Control Panels



Texecom Premier Series

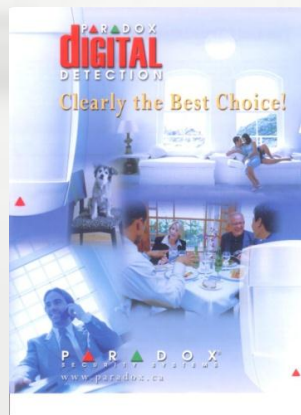
Engineered for professional installations, The *Premier Series* provides unsurpassed flexibility in all areas of system design and performance, High level menu driven

Programming via a comprehensive range of LCD keypads simplifies even the most complex design requirements, minimising set up time and maximising reliability.

Installation is further simplified by a host of innovative features including multiple terminals per zone for ease of wiring. Where communication of system events is a priority, a wide range of plug - on multi - protocol communications are available plus full upload/download via Wintex™ software.

Key Features:

- System Zones from - 8 zones expandable to 640 (bus connectivity).
- Event log Time & Date stamped from - 250 to 4000 Events.
- Area Partitioning from - 1 to 64 Areas.
- User Codes from - 16 to 200 Users.
- Full GSM Communication connectivity (alarm events, remote control & remote diagnostics).



Paradox Evo Digiplex Security Wireless Alarm Systems

Digiplex systems are designed to provide highest level of protection. These systems are also designed to be easy to use, easy to install, expandable and cost efficient.

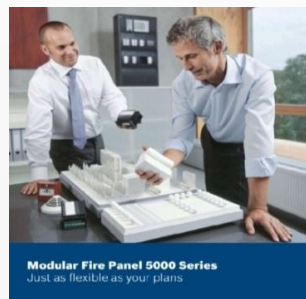
Designed with the installer in mind, the modular concept of these systems provides labour - saving features that make expanding, installing and servicing these

Systems quick and convenient.

Key Features:

- System Zones from - 16 zones expandable to 96 (combus connectivity).
- Event Buffered Time & Date stamped from - 1024 to 2048 Events.
- Area Partitioning from - 4 to 8 Areas.
- User Codes from - 96 to 999 Users.
- Full GSM Communication connectivity (alarm events, remote control & remote diagnostics).

Fire Detection & Suppression Systems



Modular Fire Panel 5000 Series
Just as flexible as your plans



Bosch Fire Panel 5000 Series

For over a 100 years, the **Bosch** name has stood for quality and reliability. **Bosch** is the global supplier of choice for innovative technology, backed by the highest standards for service and support.

Unbeatable Flexibility:

With the Modular Fire Panel 5000 Series, **Bosch** is again redefining the market: With this product, you can configure your own system according to the modular principle, and you can expand it in accordance with your specific needs.

From an isolated control panel with one loop to a complex panel network. The modular system provides reusable “click-and-go” modules and interchangeable housings that are easy to install and operate. The system adapts to the nature and size of your facility's application so you only buy what you really need – nothing more and nothing less.



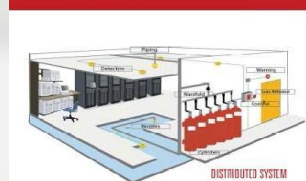
FAST CLEAN AND SIMPLE
FIRE EXTINGUISHING

Eckoshield – 227 Pre – Engineered Modular System (FM 200 Fire Suppression – HFC227)

ECKOSHIELD – 227 is a very effective extinguishing system. It is safe for occupied areas and is an **NFPA** approved extinguishing agent.

The installation of the **ECKOSHIELD – 227** System is extremely cost effective and only involves the mounting of special modular support brackets. As the modular's are wall mounted then there is no need to utilise valuable floor space.

ECKOSHIELD – 227 is contained in suitably **SABS** approved modular cylinders and extinguishing capacities are related to maximum and minimum filling densities. Simply put, each container has a minimum and maximum extinguishing capacity.



DISTRIBUTED SYSTEM

Eckoshield – 227 Pre – Distributed Engineered System (FM 200 Fire Suppression – HFC227)

ECKOSHIELD – 227, a gaseous agent, has emerged as a viable alternative to the Halons on the basis of extensive trials. The **ECKOSHIELD – 227** engineered system is a **SABS** (South African Bureau of Standards) approved. **ECKOSHIELD – 227** is fast and effective with a low spaceweight characteristic which is also environmentally – acceptable and safe for human exposure. Extensively used throughout the continent Africa.

ECKOSHIELD – 227 engineered fast acting **HI-FLOW** discharge valve is designed to minimize pressure loss as gas is discharged quickly to ensure compliance with **NFPA** guidelines.



INERGEN cylinders

Eckoshield INERGEN

INERGEN is ideal for every type of room where there are people as well as valuable items of property. **INERGEN** is a very dry gas mixture, so it has a low conductivity. This aspect is especially important for applications in **TRANSFORMER** and **HIGH – VOLTAGE** rooms where non – insulated components are installed.

During the extinguishing process, **INERGEN** systems reduce the air humidity, minimizing the probability of sparkovers which could cause a further fire risk. **INERGEN** is a composition of natural gases found in the atmosphere and thus there are no environmental issues relating to its potential discharge.



CCTV Monitoring Systems



CCTV “Closed – Circuit Television”

CCTV, or “Closed – Circuit Television”, is derived from the fact that the Monitor is the key element in the system which displays images coming from the camera., the result is a completely autonomous system. All modern CCTV systems offer a series of additional elements intended to optimize monitoring of cameras , hence enabling active and effective measures to be taken to combat crime and acts of vandalism.

Products & Technology

Stand Alone CCTV System

- CCTV Monitor connected to a single camera or multiple cameras using a quad splitter or multiplexer to display images on Monitor (No recording facility).



Digital Video Recorder (DVR) System

- PC Based or Embedded machines. DVR is a digital CCTV system designed to provide video solutions. The systems provide desktop video monitoring, recording and remote alarm verification. In addition DVR software, can communicate with a remote computer, enabling surveillance and control from a geographically remote monitoring station.

CCTV Cameras

- Spy Cameras, Covert Cameras, Day / Night Cameras, Infra-red Cameras, Hi – Resolution Cameras, Speed Dome Cameras & IP Cameras



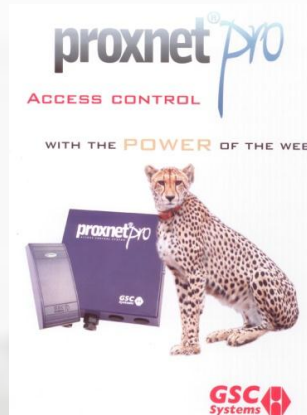
Connectivity Topology

- RG – 59 Low Loss co-ax 75 ohms cctv cable, Pow – ax RG – 59 Low loss cctv cable with 0.75 rip cord, Pow – ax RG – 59 Low loss cctv cable with 1.07 rip cord
Cat 5e ip network infrastructure.

Surge & Lightning Protection

- Single co-ax inline protection (cylindrical), Single 12v inline protector (cylindrical), single co-ax 12v dc inline protection(square box), 16 Channel co-ax inline protection 19" rack mount, 220 vac inline surge protector.

Access / Egress and Time Control Systems



Proxnet pro

Is a sophisticated access control system suitable for both small and large applications.

The controller architecture allows for easy expansion from a small single controller installation to a multi – controller, multi – location, multi – tenant system interconnected by LAN, (Local area network), WAN (Wide Area Network) and internet

Controllers may be connected to the site's existing network or with a separate, dedicated network.

As with the original ProxNet system, readers connect to the controller with a RS-485 network.

Basic Proxnet Pro Features:

- 250 Controllers – up to 1,000 with remote sites.
- 100 Readers per controller.
- 20 000 Card holders.
- 20 000 Permissions (Access Levels) each with unlimited Time zones.
- Permissions can relate to areas, or groups of readers.
- Card expiry by date and time.
- Visitor card supported with visitor host linking and visitor history in database.
- User definable Anti – Pass – Back Zones. Three modes: Full APB, Timed APB & Timed Access.
- Biometric support.
- Bell ringing schedules for Time & Attendance.
- Door schedules for Normal / Lock / Unlock states.
- SMS and e-mail notification.
- IN / OUT Boards.
- Trigger functions provide comprehensive ability to control events and preform building management such as CCTV trigger, switching lights, opening doors, incrementing or decrementing counters, barring access based on count value etc....



Electric Fencing

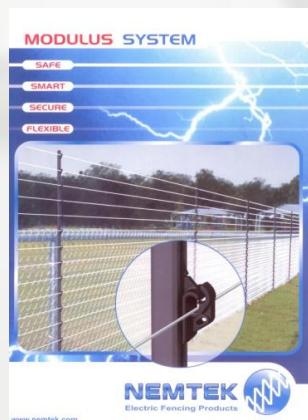


Nemtek Electric Fencing

The history of security has always been based on the detection of an intrusion and most countries make use of the detection factor. Due to an increasing crime situation worldwide however, the importance of deterring intruders as well as maintaining high levels of detection, has increased tremendously. Electric fencing offers us this possibility of deterring intruders as well as detecting and alarming.

An electric fence acts as a 24 – hour patrolman, patrolling the entire area every second. The activities of an electric fence also do not rely on the human elements as opposed to conventional security systems, which has to be activated and de – activated accordingly.

As crime develops into a more violent threat, owners are forced to take more drastic measures in order to protect themselves and their properties. An electric fence, being a barrier on the perimeter of what are protecting, offers extended reaction time as opposed to conventional security systems only alarming once the intruder attempts to enter your building.



Fencing Products:

- Energizers – 2 Joule to 8 Joule dual zone energizers.
- Networked energizers and communicating products – up to 20 zone monitoring panels.
- Fencing brackets – wall top brackets, free standing poles to carbon fibre piggy back brackets to suit all applications.
- Fencing wire – aluminium wire, stranded galvanised wire, galvanised wire, stranded 304 & 316 stainless steel wire, stainless steel wire 304 & 316.
- General fencing accessories – lightning diverter kits, earth spikes and earthing kits, solar panels & accessories.

Intercom and Public Address Evac Systems



BPT Intercom Systems

Intercom products range from simple do – it – yourself door answering units to sophisticated video entry security systems, complex microprocessor – based commercial systems, and luxury condo / apartment security / communication systems.

They are unrivalled in design and simplicity, technical excellence and reliability, Today's users require conveniences that allow for greater comfort at their homes and work places.

Entry security and time saving room to room communications are key elements that should not be overlooked.



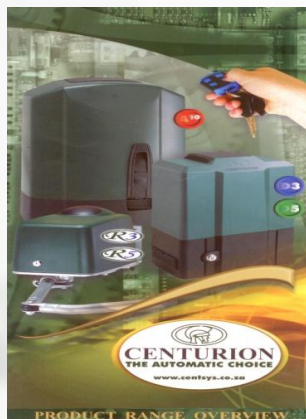
Bosch Plena Public Address and Voice Alarm Systems

The Plena Voice Alarm System is an ideal solution for applications ranging from small supermarkets and schools to busy shopping centres. Many of the public address users will soon be required to have emergency evacuation systems, so Plena is a perfect solution for making this transition.

The high – level of functional integration means virtually no external equipment is needed to meet future voice alarm requirements. With full system supervision, comprehensive front panel controls and indicators, spare amplifier switching, EMG microphone and message manager built in, the cost of upgrading to comply with IEC60849 (and its national equivalents) is low. In fact, the system is fully certified for IEC60849 by the TUV.

Key Features:

- Standard 6 zones expandable to 60 zones.
- 240 W power amplifier.
- BMG routing and message manager..
- CAT5 bus connectivity (low cost of installation).
- Full plug and play expansion modular system.



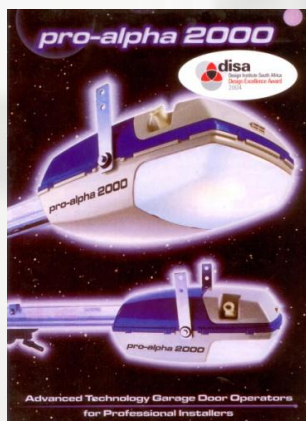
Gate and Garage Door Automation

The increase of motor vehicle theft has escalated to such a degree that insurance companies do no longer want to insure vehicles that do not have their minimum form of anti – theft devices being immobilizers, alarm systems, gear locks, tracking devices and now even gas systems.

The would be thief is now forced to steal the vehicle while occupied, thus the driver or owner of the vehicle could be in a life threatening position. As owners and drivers, we are at a higher risk at our homes or office driveways. Only by automating our entrance gates and garage doors do we reduce the risk of being high jacked, we have the convenience of drive and park.

Centurion Products:

- Centurion Sliding Gate Motors – Domestic 300 kg up to Industrial 2000 kg mass gate battery backed motors.
- Centurion Swing Gate Motors – Rotary 2m up to 3.5m leaf (150kg to 750 kg mass), Vector piston motors 1.5m up to 4m (65kg to 750 kg mass).



Brano Industries:

- Pro – alpha 2000 – Sectional door operator 260 Newton meter lifting force 220 vdc SABS – IEC 60335-2-1995 approved.
- Pro – alpha infinity 24vdc – Sectional door operator powerful high torque 150 watt dc motor SANS – IEC 80335-2-95 approved.
- Pro – rola – Steel roll – up door adaptor system horizontal top installation.
- Pro – rola – Steel roll – up door adaptor system horizontal front installation.



**Primary Portable System
Stand Alone 100ml**



**Primary Commercial
System
System Integrated 300ml**



**Primary Low Pressure
System
2Kg Pepper Gas Canister**



**Primary High Pressure
System
2Kg Pepper Gas Canister**



Pepper Spray Effects

The effects of pepper spray (Oleoresin Capsicum) is far more severe than tear gas. Effects include **temporary blindness** lasts for 15 - 30 minutes, a **burning sensation of the skin** which last out 45 to 60 minutes, **upper body spasms** which forces a person to bend forward and **uncontrollable coughing** making it **difficult to breathe** or speak for between 3 to 15 minutes (Extract from Wikipedia http://en.wikipedia.org/wiki/pepper_spray) .

SWAT DETAC PEPPER GAS

QUALITY PEPPER SPRAY, PEPPER STREAM, PEPPER FOAM, CS TEARGAS AND DECONTAMINATION PRODUCTS FOR LAW ENFORCED PROFESSIONALS AND STREET - WISE CIVILIANS, WORLDWIDE

APPROVED BY
CSIR

Independent South African certification body, the council for Scientific & Industrial Research (CSIR)
as safe for use on human beings

Onderstepoort

The Onderstepoort Veterinary Faculty, University of Pretoria, safe for use on vicious dogs

"Pepper sprays" are aerosols containing the extract of very hot chilli peppers as their ingredient. A correctly formulated, correctly produced pepper spray is the most effective non-lethal weapon available - for use against single or multiple attackers.

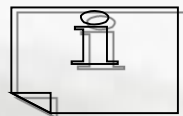
A good pepper spray will blind an attacker, create temporary breathing difficulties and extreme pain (physical and psychological), allowing time for the user to escape or make an arrest.

All symptoms are temporary and are not life-threatening.

At SWAT Deftac/SWAT Laboratories we make the best pepper sprays and associated products available, anywhere.



For product brochures and security related peripherals, please visit our website

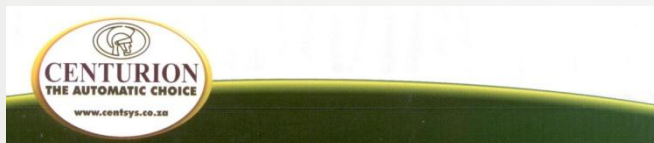
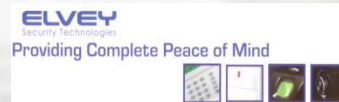


www.abitech.co.za

Reference Profile



Products

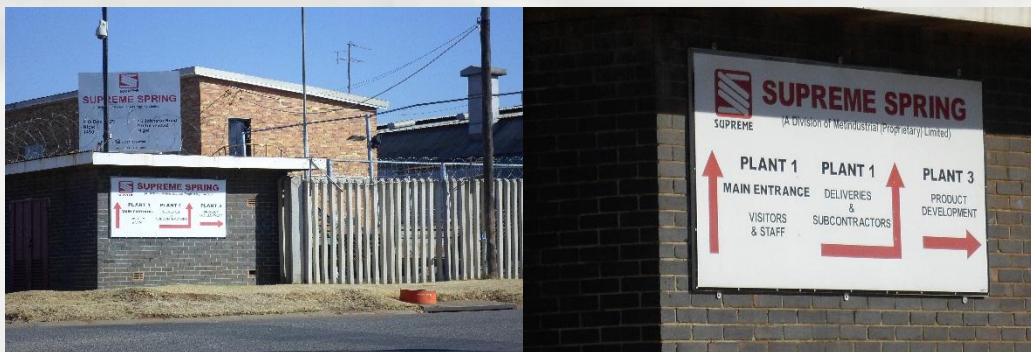




KIA HQ Meadowdale

Project: Refurbish Access Control
CCTV

Project Value: Approximately R 150 000.00



Supreme Springs

Project: Fire Suppression CAF system

Project Value: Approximately R 390 000.00



KIA & Hyundai Woltevrede Park

Project: Clearvu Fencing
Electric Fence

Project Value: Approximately R 514 000.00



Vinimark

Project: Access Control
CCTV
Intrusion

Project Value: Approximately R 850 000.00



UD Trucks

Project: Bosch Fire Detection System

Project Value: Approximately R 127 000.00



Chrysler

Project: Bosch Fire Detection System.

Project Value: Approximately R 160 000.00



Builders Express Craighall Park

Project: Bosch Fire Detection System

Project Value: Approximately R 230 000.00



VW Heidelberg

Project: Bosch Fire Detection System

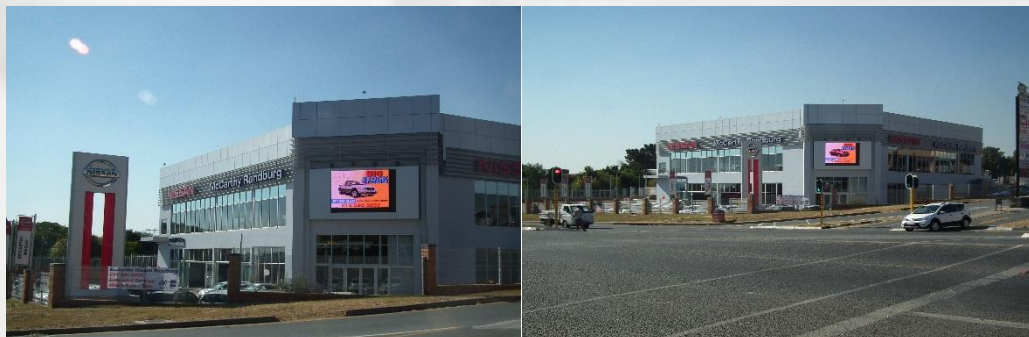
Project Value: Approximately R 133 000.00



GRW Commercial

Project: CCTV
Intrusion.

Project Value: Approximately R 546 000.00



Nissan Randburg

Project: Bosch Fire Detection System

Project Value: Approximately R 157 000.00



Hyundai HQ Bedfordview

Project: Speedstyle Turnstile

Project Value: Approximately R 200 000.00



Podium @ Menlyn Park

Project: Bosch Fire detection system.

Project Value: Approximately R 398 000.00