



# The Ndlovu Trumpeter

## Stafix Electric Fence and Security Centres



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### PLUG AND PLAY PERIMETER PATROL LITE TABLET



See page 3 for more information.

The latest 10 Inch Android software upgrade has made the JVA Tablet a fully operational Perimeter Patrol Lite. The Screen can now be loaded with a Map of the site and zone lines can be inputted on the map.

This gives a great visual display of the site, backed up with the standard features of site logging, energizer voltage and operation display.

The system requires no special software, so the only cost is the hardware of the JVA 10 Inch Tablet.

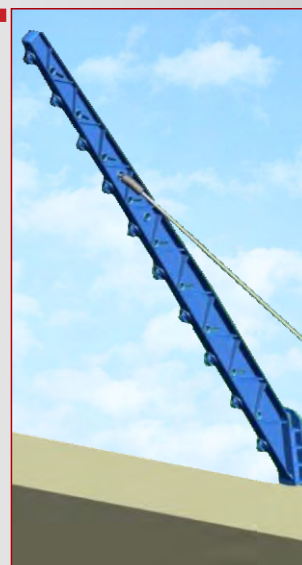


### JVA Plastic Wall-Top Brackets

The JVA R&D team has solved one of the worst problems faced by home owners in coastal areas. Salt deposits on electric fences can lead to arcing and false alarms, not to mention rusting and failure of metal fittings. The solution is our new range of extruded and moulded plastic brackets.

These state-of-the-art, extruded profile brackets can be used to reinforce palisade and are ideal for matching and reinforcing modern, welded mesh, Clear-vu type fencing. The insulators clip into place easily and can be used with a variety of wiring configurations.

See page 10 for more information.



#### STAFIX ELECTRIC FENCE AND SECURITY CENTRES

•Bloemfontein 051 448 6696 •Cape Town 021 534 5056 •Centurion 012 880 0222 •Durban North 031 563 0274 •East London 053 861 5631

•East Rand (Jet Park) 011 397 3507 •George 044 874 0669 •Kimberley 053 861 5631 •Klerksdorp 018 468 8273 •Nelspruit 013 752 7152 •North Rand (Kya Sand) 011 708 6442  
 •Pietermaritzburg 033 342 6727 •Pinetown 031 702 6351 •Polokwane 015 292 6273 •Port Elizabeth 041 365 7178/9 •Potchefstroom 018 297 1488 •Pretoria 012 335 4290  
 •Rustenburg 014 537 2884 •Somerset West 021 851 1978 •Upington 054 332 1458 •Vanderbijlpark 016 931 0408 •Vryheid 034 981 0318 •West Rand (Roodepoort) 011 472 8823

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## POWER TO THE PEOPLE - OR NOT? CONFUSION REIGNS OVER PROPOSED AMENDMENTS TO THE ELECTRICITY REGULATION ACT



**Will private generator owners and users of SOLAR PANELS be required to register their appliances with the National Energy Regulator of South Africa (Nersa)?**

Yes, maintain attorneys Norton Rose Fulbright, who say the proposed amendments to the Electricity Regulation Act (ERA) before Parliament will have far reaching effects. The Department of Energy is concerned with the loss of revenue that municipalities and the parastatal power provider, ESKOM, are experiencing as a result of increased private generation of energy. In practise the new amendment will require that every house, farm, hotel, hospital, and shopping mall with solar panels or petrol/diesel generators (whether connected to the grid or not), with a capacity of less than 1MW, must register and pay a fee with Nersa.

No, say Classic Business Breakfast with Moneyweb. According to this publication, the Energy Regulator, Nersa, will soon withdraw the proposed rules. This article does however cover itself by saying, "it might however return at a later stage." And finally, Business Insider SA reported that hundreds of people have flooded the National Energy Regulator of SA with objections to the proposed new draft rules and comments on the lobbying group's Energy Expert Coalition web site ranged from, "Does the sun and light belong to government? Please stop this idiotic taxing of everything in SA," to threats of civil disobedience.

Our view is that the whole notion is absurd and is yet another example of a money grabbing exercise by our current Kleptocracy posing as a government. Penalizing people who are generating clean energy from the sun, or who are using fossil fuels only when the parastatal provider can't provide power, makes no sense.

## ONLINE PRODUCT STORE



Now our customers can shop online by using their smartphones, [www.stafix.co.za](http://www.stafix.co.za) Online spending in South Africa is forecast to grow to over R53 billion by 2018, with mobile shopping taking the lion's share and providing fertile ground for expansion among retailers. One beneficiary is online retailer RunwaySale, which says its membership has risen to over one million since it launched over five years ago. "South Africans love to bargain hunt and it's so much easier online," CEO Karl Hammerschmidt says. "We believe the exponential growth is because smartphones and tablets are far more affordable; consumers are more tech savvy; they have become comfortable with online shopping; mobile applications are increasingly user-friendly and customer-centric and financial transactions are secure." He adds that their company's mobile traffic has increased from 5% three years ago, to 60% of total traffic currently. (ANA)

**ANOTHER FIRST  
FROM JVA**

## 4-LINE JVA LCD KEYPAD WITH 500 EVENT LOG

The new JVA 4-Line Keypad is a general component of the JVA Security Electric Fence Range, providing a centralized interface between you and your perimeter security. It displays the current condition of each security device connected.



### Features:

- Easy to use, Menu Driven Interface; no need for manual when programming
- Backlit, 4-Line LCD providing important user information
- 500-Entry Event Log; know when and what occurred on your fence
- Battery backed, Real-Time Clock
- Controls, monitors and programs any Z-Series device
- Displays fence voltages, date, time and fence condition
- Simple 3-wire operation
- Battery voltage request display to energizer LCD
- Ability to customize zone and gate names
- 1 - 14 energizers can be controlled from one Keypad
- 1 - 3 keypads can control one energizer.



## WEST RAND BRANCH RUNNING OFF THE GRID



West Rand (Roodepoort)

Ndlovu's West Rand Stafix Electric Fence Centre has moved to the forefront of sustainability with the installation of a Solar PV system at our new West Rand branch. The 8Kw system is equipped with a total capacity of 6.4 Kw Solar array as well as a storage facility to cater for power outages.

This system should produce more than 110,000 Kwh during its useful life span and will enable the branch to avoid costly business interruptions caused by load shedding.

## ANDROID KEYPAD – NEW SOFTWARE UPLOAD

The JVA Touch Screen Keypad is manufactured specifically for the control and management of the full range of JVA Z-Range Energizers and Monitors, from a simple home Z11 to a high profile, multi-zone, ZM20 system. The nine inch screen gives the user at a glance, or a touch, all the information that may be required.

This solution is an ideal, cost effective solution for small to medium sites where the user/operator is wanting more information but does not want to go to the extent of a full PC driven perimeter patrol management system on site. The system requires no special software, so the only cost is the JVA 10 Inch Tablet. The tablet comes in a steel Anti-Tamper Enclosure making it easy to mount and view.



JPTe0230

### Features:

- You can use a LAN Interface Board and the keypad bus in tandem if you wish to have Mimic Map support, i.e. the ability to load a map image from the SD card (.jpg, .png, .bmp) or alternatively save a map using Google Maps.
- FOTA (Firmware-over-the-air) - Once you have upgraded to this, release future updates can be installed automatically. The App will check for updates on Start-Up, or you can check for updates via a button in the *Settings* screen.

## ELECTRONIC CERTIFICATES – Moving with the times

It is with pride and a feeling of satisfaction that we have presented our certificates to successful candidates on our various Product Training Courses, after careful training, testing, and moderation of the test scripts. However, on discovering that many of these pile up at our centres as they are not collected, we will soon be moving with the times and changing to Electronic Certificates which can be emailed directly to the candidates. Apart from this electronically based procedure being easier and more cost effective for us, it has the following advantages for our candidates:

- They will be processed more quickly
- They will come directly to you
- You can make as many reprints as you need
- You can send them on to a third party if necessary
- If you lose a certificate, you can print your own replacement at no extra cost and finally we will be saving the environment.

Just for the record, the courses we offer are:

- Introduction to Electric Fencing
- JVA Advanced Electric Fencing Systems
- Roboguard Beams: Product and Installation
- CCTV Product Training
- CCTV Advanced Training
- COC – an accredited course that qualifies an installer to issue a Certificate of Compliance.



# CAPE TOWN, GEORGE & SOMERSET WEST NOW PART OF THE NDLOVU FOLD



Cape Town Branch



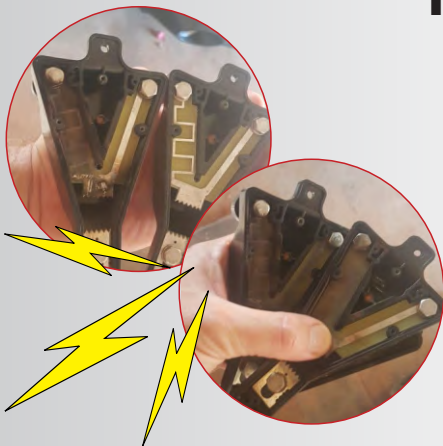
George Branch



Somerset West Branch

It has now been a year since Stafix Western Cape i.e. Cape Town, George and Somerset West, became part of the Stafix mother company, Ndlovu Fencing, which required them to join the centralised K8 accounting system. It has been a learning challenge for all with changes in stock codes, bank accounts and operating procedures, but overall the benefits of the centralised accounting system are being felt. Thank you to our customers and staff for putting up with the challenges and teething problems of the transition. Many hours of hard work have been put in and a year down the line we are all enjoying the benefits of the K8 accounting system.

## THAT'S WHAT WE CALL A SACRIFICE: TWO LIGHTNING DIVERTERS SACRIFICING THEMSELVES TO SAVE AN ENERGIZER



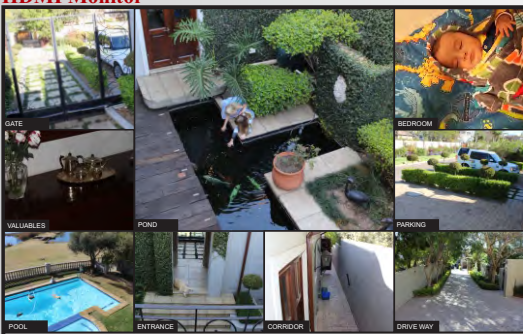
The JVA V-Type Fence Line Lightning Protector is proving to be highly successful in preventing and reducing lightning damage to energizers. We have had diverters returned from the field where the energizers have been completely unscathed while other electrical items such as TV's and PC's, have been cooked. The clever V-design and choke circuit have, on large Strikes completely sacrificed themselves for the protection of the energizer.

On these large strikes, the circuit board, if damaged, can easily be replaced. On long distance game fences the V-type can be installed at intervals along the fence line, often at cut-out-switch points, to further reduce the chance of lightning reaching the energizer system.

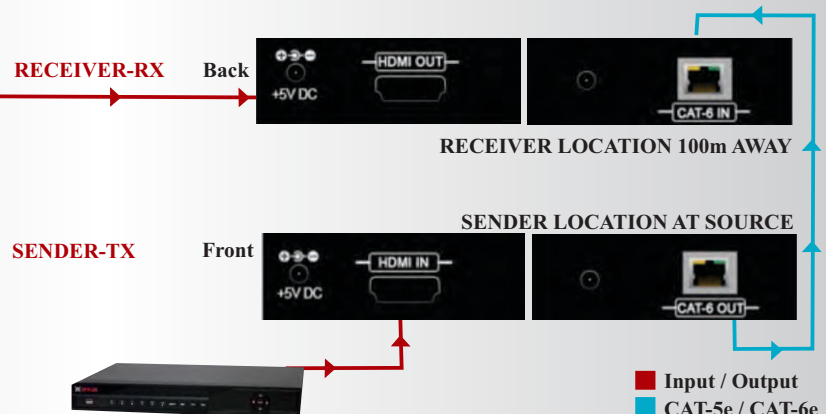
## HDMI EXTENDER VIA ETHER NET - HOW DOES IT WORK?

The HDMI extender, over LAN/IP, is designed to extend your HD display up to a 100 meters away from your HDMI source. Thanks to the use of the TCP/IP protocol, you can transfer your high-definition video and audio wirelessly by using Ubiquiti Wireless Equipment, or wired by using CAT-5e or CAT-6e cable between the two HDMI extenders. A basic example of the use of these extenders would be if you have your DVR in a server cabinet in the office and also want to display the cameras on a screen at a sales counter.

### HDMI Monitor



CABLE INDEX



■ Input / Output  
■ CAT-5e / CAT-6e



## IDS X-SERIES ALARM SYSTEMS



Looking for home or business security? Look no further. We at Stafix supply the X-Series alarm systems that are the ideal solution to your security needs. Offering an innovative range of wireless hybrid expansion, keypads and add-on modules, it is the most versatile and cost effective security system in the market place today.

### Features:

- IDS's renowned one-button arming
- Three quick arm modes: (1) *Stay*, (2) *Away*, (3) *Stay and Go*
- 5 levels of arming
- 4 User stay profiles - *Stay*, *Stay/night*, *Home*, *Sleep*, user selectable
- User programmable *Stay*, *Buzz* and *Chime* profiles
- Easy cross partition control
- Unique Buzz Zone feature provides early pre-alarm warning
- Optional HYYP module for monitoring and controlling alarm system on a smart phone.

**IDS**  
INHEP DIGITAL SECURITY

Protecting your future  
**X-Series**



## JAM THE JAMMER'S PLANS

### WITH THE ROBOGUARD SNITCH

Car Jamming used to be a shopping mall thing, but now... it's everywhere.

Thieves have spread their wings and there is an increasing crime trend whereby criminals are now gaining access to homes by simply blocking the wireless home alarm signals.

The Roboguard SNITCH is a Remote jamming detector, which can alert to a jamming activity. Generally speaking, the device will determine if a signal has been transmitted for a specific length of time and alert you to potential remote jamming.

### Features:

- The homeowners are immediately alerted to potential intruders and subsequent theft.
- The Roboguard Snitch has a built-in beeper, but can be connected to a siren, alarm panel or GSM.
- The Jamming detection time can be adjusted to eliminate false triggering (where 2 or more motion detectors send signals after each other).



**CP PLUS**  
PROFESSIONAL  
CCTV SYSTEMS

**CP PLUS CCTV**  
INTRODUCES - **InstaStream**

Insta-Stream is the latest compression technology used to reduce bandwidth and storage requirements for IP Cameras.

### Some of the benefits include:

- 50% bandwidth reduction with H.264
- 75% bandwidth reduction with H.265

### How does it work?

Insta-Stream utilizes an optimized deep compression technology called *Intelligent Region Perception (IRP)*, which detects motion in each frame so that scenes containing key information, are captured while the static areas, such as lawns or walls, are preserved and further compressed.



### Smart Thermal Imaging

Stafix Security Centres are proud to announce the arrival of a new Smart Thermal range, working in conjunction with Dahua Technology. Thermal imaging is the perfect addition to fence line detection which provides proactive and accurate detection and prevention of intrusions, working either as a stand-alone system or fully integrated with our JVA Perimeter Patrol Software which in turn, has recently been integrated with CATHEXIS.

### What is Thermal Imaging?

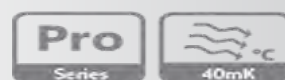
- Any object with a temperature above absolute zero (-273°C) emits infrared radiation, which sits between the visible light spectrum and the microwave spectrum. Although we cannot see this, we experience it everyday in the form of heat.
- Thermal cameras can detect infrared heat radiating from objects. However image quality is dependant on temperature differences between the detectable object and the background. The higher the temperature difference, the better the detection capability.

### Why use Thermal Imaging?

- Video surveillance requires the effective detection and identification of objects. Although visible conventional cameras provide satisfactory results in most applications, in diverse environments thermal imaging provides an enhanced solution.
- Thermal cameras do not require a light source as they detect the infrared radiation given off objects, meaning that in complete darkness, even over large distances, enhanced detection is possible.

### Features & Applications:

- The Lite Series combines a 1mm VOx thermal sensor for detection in total darkness with a 2MP visible sensor to confirm details. Both lenses provide a 60m detection distance. This series is suitable for most residential and small commercial applications especially as the Lite Series also offers affordability.
- The Pro Series offers a single Athermalized Lens which provides enhanced long range thermal detection in total darkness. The 19mm lens offers human detection at 640m while the 25mm variant offers human detection at 1km. This series is suitable for effective and reliable long distance fence line protection.
- Built-in Video Analytics with tripwire, dropped object and missing object detection for proactive alarm-based monitoring
- Alarm-based fire detection capability as well as temperature functionality on the Pro series
- IP and Analog signal interfaces — meaning video feeds are compatible with any DVR/NVR. However analytic alarm functions will be limited if not used in conjunction with a Dahua "4KS2" NVR.
- 15% input power tolerance, 6Kv lightning protection and IP67 temporary water-submersible casing.



# JVA AGRICULTURAL & GAME ENERGIZERS

## JVA Mains/Battery High Power LCD Energizers

The NEW MB8, MB12 and MB16 IP Energizers have 8, 12 and 16 Joules output energy respectively and can now be controlled from anywhere in the world using a mobile phone App. The energizers have an LCD display to show fence voltage and Stored Joules. All these newly styled energizers include an audible warning if there is a serious fault on the fence and Auto-Sync™ technology, all of which help keep the fences safe. These universal or mains/battery powered energizers give the added option of running on 12V should 240V not always be available.

### JVA LCD Energizer Range Features:

- Mains powered
- Battery powered
- Digital control
- Smooth Wave shape
- Power on demand
- LCD showing fence voltage and Stored Joules
- Ant and moisture protection
- UV stable enclosure
- Overload indication (audible and visible)
- Lightning protection
- Reverse battery protection.
- Self-resetting fuse
- Solar capability
- Low battery indication
- Over discharge battery protection
- Battery life maximization
- Battery voltage measurement
- Power adaptor included
- Audible alarm
- Bi-Polar output
- 3-year warranty.

	MB16	MB12	MB8
Stored Joules	23J	18J	12J
Energy Output	16J	12J	8J
Power Consumption at 12.5Vdc	1.6 A	1.25 A	0.9 A
Recommended Fence Line Distance	12Km	10Km	8Km



## JVA MB Mid-Range Battery and Mains LED Energizers

The MB1.5, MB3 and MB4.5 Electric Fence Energizers deliver between 1.5 and 4.5 Joules output energy per pulse. Their innovative design means you can have versatile portable power from a 12V battery when needed, or run it from 240Vac mains electricity. Optional JVA Solar Kits and external batteries are available.



	MB4.5	MB3	MB1.5
Stored Joules	6J	4J	2J
Energy Output	4.5J	3J	1.5J
Power Consumption at 12.5Vdc	0.5A	0.3A	0.15A
Recommended Fence Line Distance	4Km	3Km	2Km

### JVA LED Energizer Range Features:

- LED Energizer and fence status indicator
- Large easy to use fence terminals
- O-Ring sealed case for ant and moisture protection
- Lightning protection
- Battery leads with large easy to connect clips
- Front panel On/Off switch
- Easy to mount on wall with 2 screws
- Approved to safety standards
- UV stable enclosure
- 3-year warranty.

## JVA Solar Energizers



JVA offers a range of Solar Powered, Electric Fence Energizers which are ready to operate straight out of the box! A reliable built-in rechargeable battery and integrated solar panel means JVA Solar Energizers are totally portable, with no need for extra batteries and hardware. Just slide the energizer onto a support post, attach to the fence and switch it on.

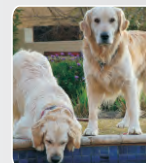
### JVA Solar Energizer Features:

- Quality crystalline solar panel and internal battery
- Front panel On/Off switch and LED pulse indicator
- Low battery indication
- Large easy to use fence terminals
- Mount easily on top of a Y-standard or U-bolt to a pole
- Sealed for ant and moisture protection
- On the SV5 and SV10, an LCD shows fence voltage, stored energy and battery voltage
- Auto-Sync technology for safer fences
- Internal battery included.



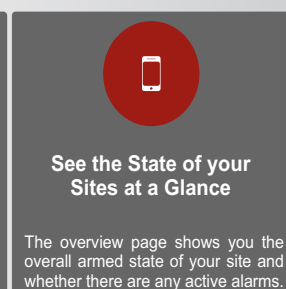
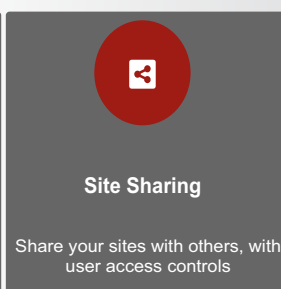
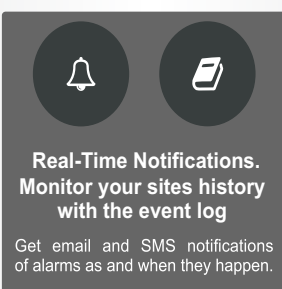
## JVA Portable Pet Energizer

The Pet100 energizer has the option of being mains or battery powered. It is a nice compact design with a UV stable enclosure. For larger dogs and longer distances, pet electric fence kits can be made up by using strip grazing accessories and energizers.

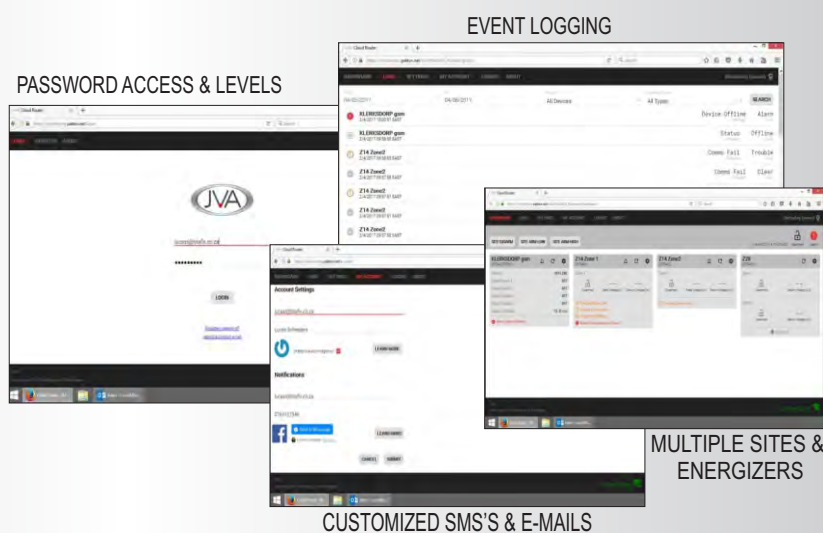
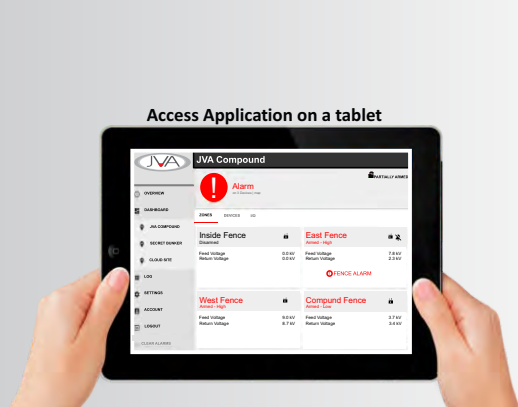




## JVA GSM & WI-FI CLOUD ROUTERS

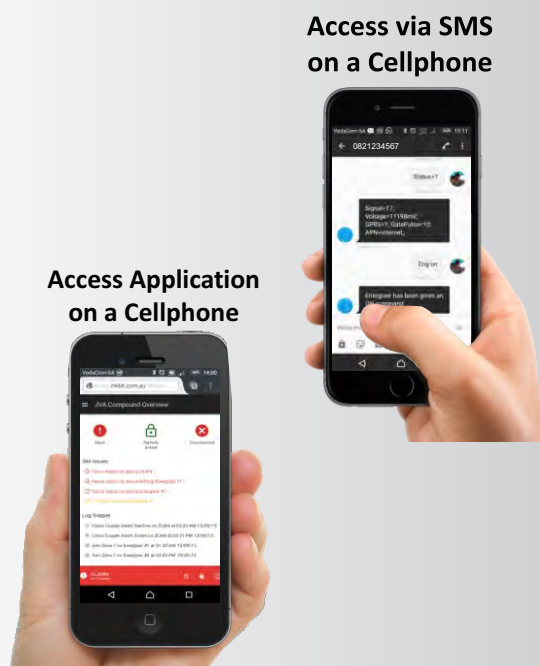


The Cloud Router provides a portal to route communications between the administrators and owners of security electric fences and their devices in the field. Devices are linked to the Cloud Router via Nimbus Gateways. GSM, LAN and Wi-Fi Gateways will be available. Administrators 'claim' their Gateways using a unique code and from there gather the attached devices into a 'site'. Devices attached to the Gateway can then be monitored and controlled.

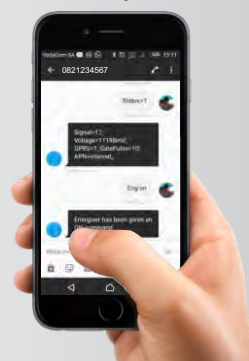


### Features:

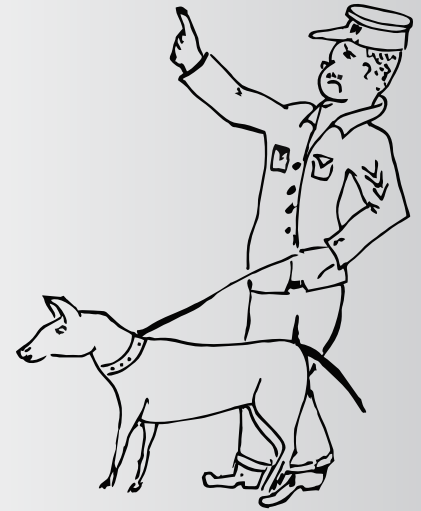
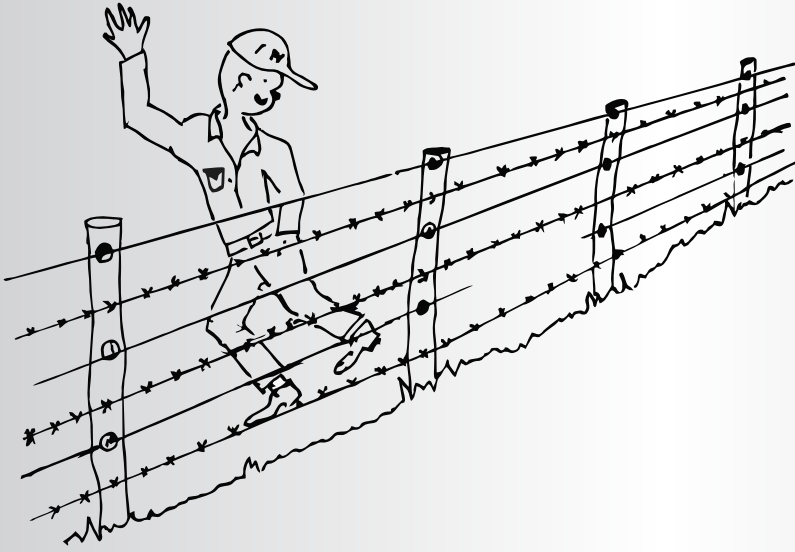
- Real-Time Notifications  
(Get email and SMS notifications of Alarms)
- Site Sharing  
(Share your sites with others, with user access controls)
- Monitor Site's History  
(Easy search history of events and who had access)
- Status of sites at a glance  
(Will inform if a site is off line or whether there are active alarms)
  - Power supply to energizer
  - Feed and return fence voltages
  - Tamper conditions
  - Gate statuses
  - Battery condition
- Clean, crisp, User Interface on all JVA devices  
(Displays information, whether on a mobile or desktop PC)
- Can be connected to up to 15 Z series devices
- Two Output Relays (30V DC 8 amps)
- Two Inputs (Dry contact or active pull down)
- Micro Sim Card required
- Monthly subscription includes 10 free SMS's and free Cloud Usage  
(There is a Cloud Router Free pack which will allow a person to merely view a site; view devices)
- There are three user levels: Admin/Supervisor/Normal
- By using a JVA ZM1, any energizer make can be brought into the cloud management system.



### Access via SMS on a Cellphone







### **HERE'S A GOOD REASON WHY ONE SHOULD USE SMOOTH WIRE, AND INSULATE EVERY STRAND, ON AN ELECTRIC SECURITY FENCE.**

You've probably heard the one about the lingerie salesman who gave the police the slip. No? Well, no sweat, here's a real-life case study of just such an event.

A warehouse, with an electric security fence around it, in an industrial area of our city, was being burgled. Unbeknown to the burglar, he had triggered an alarm while gaining access to the property and the police caught him red handed. (No, it wasn't a tomato sauce factory, it was in fact a book warehouse.)

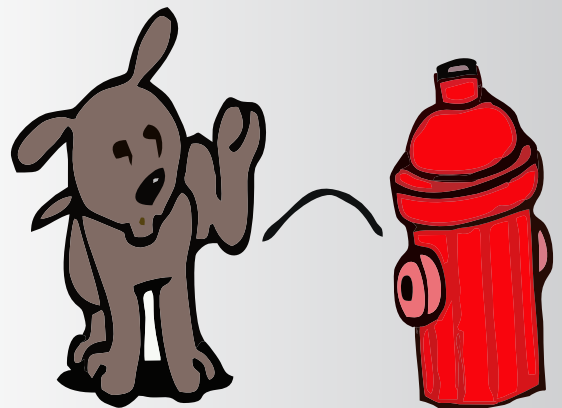
Seeing the electric fence around the property, the policeman, who had apprehended the burglar, asked him how he had gained access to the property. "Simple," said the burglar. "The owner has used barbed wire for his earth wires and he has just stapled them to the wooden poles. So, I simply climbed up on the earth wires." The unbelieving Mr. Plod then instructed the burglar to show him. This the burglar did, and when he got to the top of the fence, the policeman called him back.

With a smile and a cheery wave the burglar scaled the fence, jumped down the other side and vanished into the darkness. The embarrassed policeman then released his dog which let out a yelp as it was shocked while trying to pass through the fence and refused to go any further.

The net result: a highly embarrassed policeman, a cowering police dog, a very amused and free burglar and a penny pinching property owner who has subsequently improved his fence.

### **SOME FOOD FOR THOUGHT**

- I started out with nothing and I still have most of it.
- If all is not lost then where the heck is it?
- Kids in the back seat cause accidents. Accidents in the back seat cause kids.
- Some days you're the top dog and some days you're just the hydrant.
- It's hard to make a comeback when you haven't been anywhere.



# JVA PLASTIC MOULDED WALL-TOP BRACKETS (PMW6/7/8 or 10)

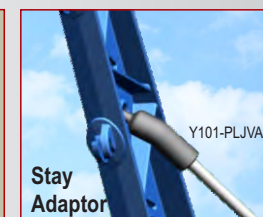
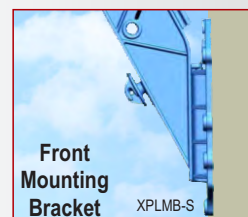
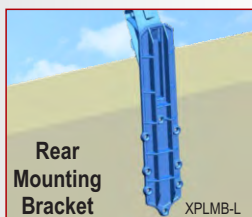
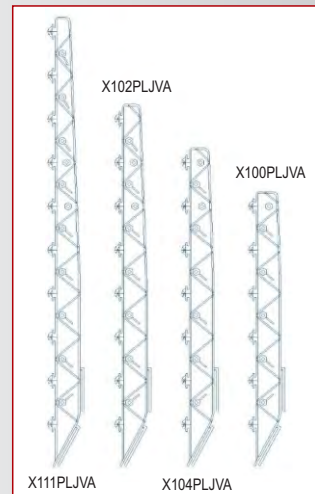


## JVA Plastic Moulded Wall-Top Brackets

Do you reside near the coast and are you having problems with 'coastal click' and brackets rusting? The new JVA plastic moulded wall-top brackets with their patented mounting brackets solve these problems and give you multiple installation options for coastal wall-top fencing. The new JVA plastic wall-top brackets are available in 6-, 7-, 8- and 10-line options and can even, if need be, have additional lines added at 50mm spacings to increase security.

Purchased in sufficient quantities, they can also be colour coded to match the wall. The range also has a 6-wire T-post with attachments for earth wires under each live wire.

Available ex-stock in black or white (6-, 7-, 8-, and 10-line spacings).

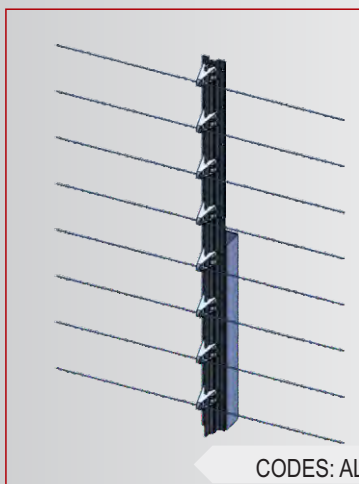


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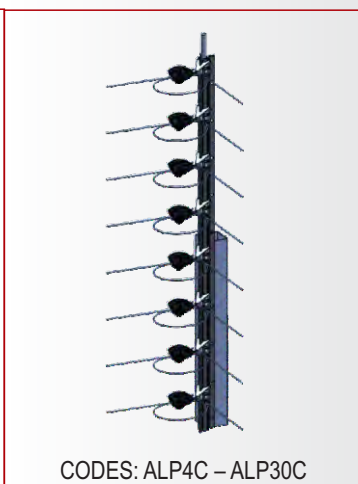
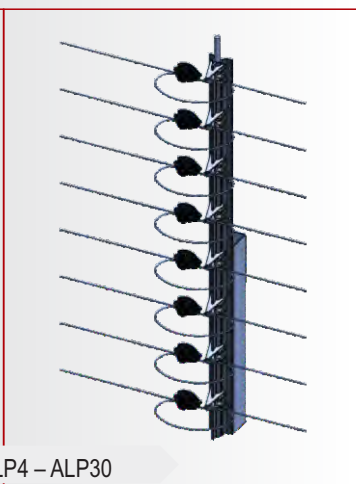
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## JVA Extruded Profile Standards



CODES: ALP4 – ALP30



CODES: ALP4C – ALP30C



### JVA EPX Intermediate Profile

This bracket can be used as an intermediate post with the N902 Intermediate Insulator and N908 Pin fitted. It can also be used as a straining post in conjunction with N902S Strain Insulators and N908 Pins. When used as a strain post, it is recommended that the post be reinforced with one meter lengths of 10mm 304 grade, stainless steel inserts to strengthen the post further when under tension. Available in: 4,6,8,10,18,21,24 and 30-line spacings.

### JVA EPX Corner 90° Profile

This bracket, used in conjunction with the N902 Corner Strain Insulator, is the ideal straining point for the inside of a 90° corner of a conventional, square-tube fence post. The post can be further reinforced with 1mx10mm lengths of 304 grade, stainless steel rod. Available in: 4,6,8,10,18,21,24 and 30-line spacings.



# LOCAL & INTERNATIONAL INSTALLATIONS



Panama



Panama



Chile



Chile



South Africa



South Africa



Chile



Malaysia Training



Australia Field Days



Brazil



Panama



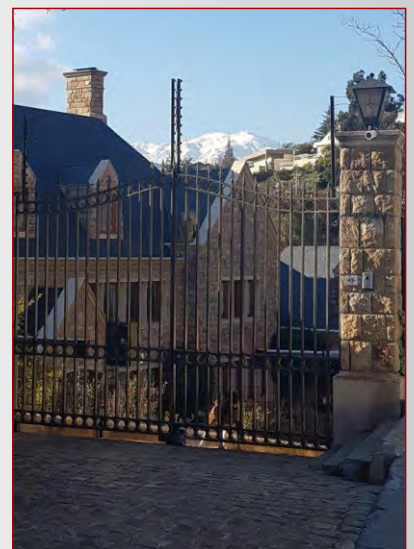
South Africa



Panama



Hungary



Chile



# LOCAL & INTERNATIONAL INSTALLATIONS



Sweden



IFSEC Dubai Security Show



IFSEC Dubai Security Show



Zambia



Malaysia



Hungary



Serengeti Estate, South Africa



Malaysia



USA



Serengeti Estate, South Africa



South Africa



USA



Pakistan



Malaysia



Pakistan



# OUT AND ABOUT



Mbombela – The Mpumalanga Show



Profitable Renching Course – Bloemfontein



Agri Works Expo – Potchefstroom



Zimbabwe



Agricultural Show – George



Loskop Game Auction – Marble Hall



Drakensburg Show



JHB Workshop



Technical Meeting



Malaysia; Australia; Brazil and SA Catch Up



NW Workshop



# HIGH EXHIBITION STANDS MAINTAINED



·Royal show – best industrial display on show

The 2018 Royal Agricultural Show held in Pietermaritzburg saw Ndlovu Fencing coming up against some of the big names in industry such as Toyota, John Deere and Massey Ferguson to mention but a few. Undaunted, and thanks to the imaginative creative efforts of Faye Jones, supported by the whole Pietermaritzburg branch, they never-the-less managed to put the biggies in their place by winning the *Best Industrial Display on Show* award. Who says Pietermaritzburg is a Sleepy Hollow? Congratulations to all on a magnificent effort.



·Royal show



·Royal show



·Royal show



Grain SA's, NAMPO



IFSEC Security Expo



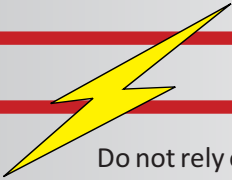
Grain SA's, NAMPO

## 13 ENERGY SAVING TIPS

1. Manage your geyser. Switch it off if unused or if you leave on holiday.
2. Install a timer on your geyser.
3. Cover your hot water heater with an insulation blanket.
4. Reduce the temperature of your geyser thermostat to 55°C or less.
5. Invest in a solar geyser and save up to 40% on your electricity bill.
6. Save up to 16% on your bill by insulating your home properly.
7. Consider installing energy efficient windows.
8. Save up to 10% on your bill by setting your pool pump to run for a shorter period each day: 6 hours in summer and 4 in winter are enough.
9. Replace your old bulbs with LED equivalents. They use 90% less electricity and last up to 20 years.
10. Save 6% on your bill by switching off your appliances at the wall.
12. Run full loads in the washing machine and dishwasher.
13. Don't set your fridge temperature colder than necessary: set your refrigerator between 2°C and 5°C and your freezer between -20°C and -22°C





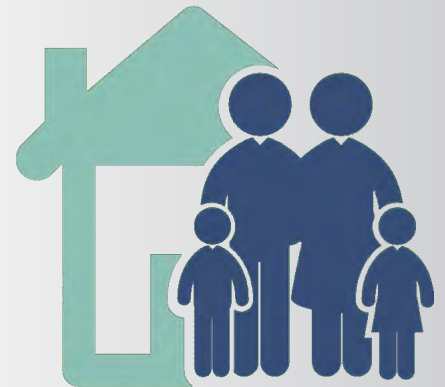


# TIPS TO CREATE A SAFE HOME

Do not rely on an electric fence only; use multiple layers of security to keep criminals out. The fact is that there is no one fence that is criminal proof. Given sufficient time, odds are he will figure out a way to scale it.

The following setup is suggested to create a safe home:

- Perimeter – use an electric fence.
- Make sure your electric fence is monitored and has an alarm, coupled with an armed response company.
- Install sensor beams in your yard which will set off an alarm. It may scare the criminals away and serves as an early warning system.
- Install cameras, if possible infrared cameras. It will give you valuable information about the criminals.
- Use sturdy, strong burglar bars and security gates. Avoid too cheap and flimsy products – it is child’s play to a criminal.
- Keep your gates and doors closed. Open security gates lead to nasty surprises
- Inside the house, use additional security gates between living and sleeping areas to create further barriers.
- Install lighting. Well lit areas are strong deterrents.



## TRAINING DATES 2018



### SECURITY CENTRES

#### Introductory Course

20 October Pinetown  
 10 November Kya Sand



#### COC Course

9-10 October Cape Town  
 13-14 November Kya Sand



### SECURITY SYSTEMS

#### JVA Advanced Course

6 October Kya Sand




www.ROBOGUARD.co.za  
 Outdoor Beams

#### Roboguard Course

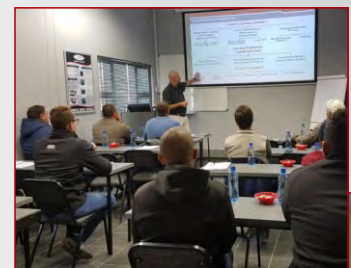
20 October Kya Sand




### CP PLUS PROFESSIONAL CCTV SYSTEMS

#### Advanced CCTV Course

27 October PE  
 3 November Pinetown  
 17 November Bloemfontein



**Please Note:** 2019 Training Dates, will be loaded on our website by the end of October 2018.