

The Ndlovu Trumpeter



STAFIX™

ELECTRIC FENCE AND SECURITY CENTRES

STAFIX™



WHAT'S NEW IN THIS ISSUE?

- JVA ZM20 Monitor
- JVA GSM Module
- JVA Perimeter Patrol Software
- JVA PAE212 WEB-SERVER Board
- JVA PTE3001 Remote Control
- JVA P100 Pet Energizer
- STAFIX X18i Energizer
- IDS X Series
- Bungee Rope
- Screw-on Insulator
- Horse-Tape Insulator
- Tension Springs
- New Catalogues
- East London Premises
- New Staff Members
- Out and About

JVA'S GSM MODULE JOINS IN THE WAR ON RHINO POACHING

Following the installation of eleven new JVA GSM monitors at Marakele Game Reserve, Africa's wildlife conservationists have a new tool in the war against Rhino poaching. The plug-in GSM module will work with any JVA energizer.

As their contribution to assisting in the war against Rhino poaching, Stafix Electric Fence and Security Centres have pledged to donate R100 to WASSA's (Wildlife Society of South Africa) *Save The Rhino Fund* for every GSM unit sold. A 1000 GSM units sold will equal R100,000.00 towards Rhino conservation – now that's fighting talk.

For full details on this product's capabilities consult *What's New* on page 2.



NEW EAST LONDON OUTLET

Stafix P.E. has expanded and opened a branch in East London. Seen at the opening of the new Stafix P.E. outlet in East London are Shaun Williamson, Dave Hill (Manager), Andre Fischer (Stafix P.E.) and Ayalda Seltein. David Hill is an old hand in the electric fencing business having trained back in the 80's under veteran electric fencer, John Watson. Since then David has held a number of managerial positions, both in South Africa and overseas. We wish David and his staff 'Veels geluk'.

GOING FOR GOLD

Marcus Phala, Pretoria branch storeman, set a new Endurance bench mark. On Saturday, before Comrades Marathon he caught a Taxi to Pmburg and on Sunday ran his first Comrades Marathon (80km!) and was back in Pretoria in time for the 7.30am Monday meeting. And all this without mentioning a word of his intentions to any of his colleagues. When asked to comment on his feat all Modest Marcus said was 'Eish! It was far.'

Congratulations Marcus from us all. Next year Gold?

Comrade Man Marcus



STAFIX ELECTRIC FENCE AND SECURITY CENTRES

Jet Park 011 397 3507 • Kya Sand 011 708 6442 • Rooderpoort 011 472 8823 • Cape Town 021 534 5056 • Durban 031 702 6351 • Durban North 031 563 0274
Bloemfontein 051 448 6695 • Kimberley 053 861 5631 • George 044 874 0669 • Port Elizabeth 041 365 7178/9 • East London 043 726 6652/60
Pietermaritzburg 033 342 6722/7 • Pretoria 012 335 4290 • Polokwane 015 292 6273 • Nelspruit 013 752 7152 • Vanderbijl Park 082 783 8449
0861STAFIX • efc@stafix.co.za • www.stafix.co.za

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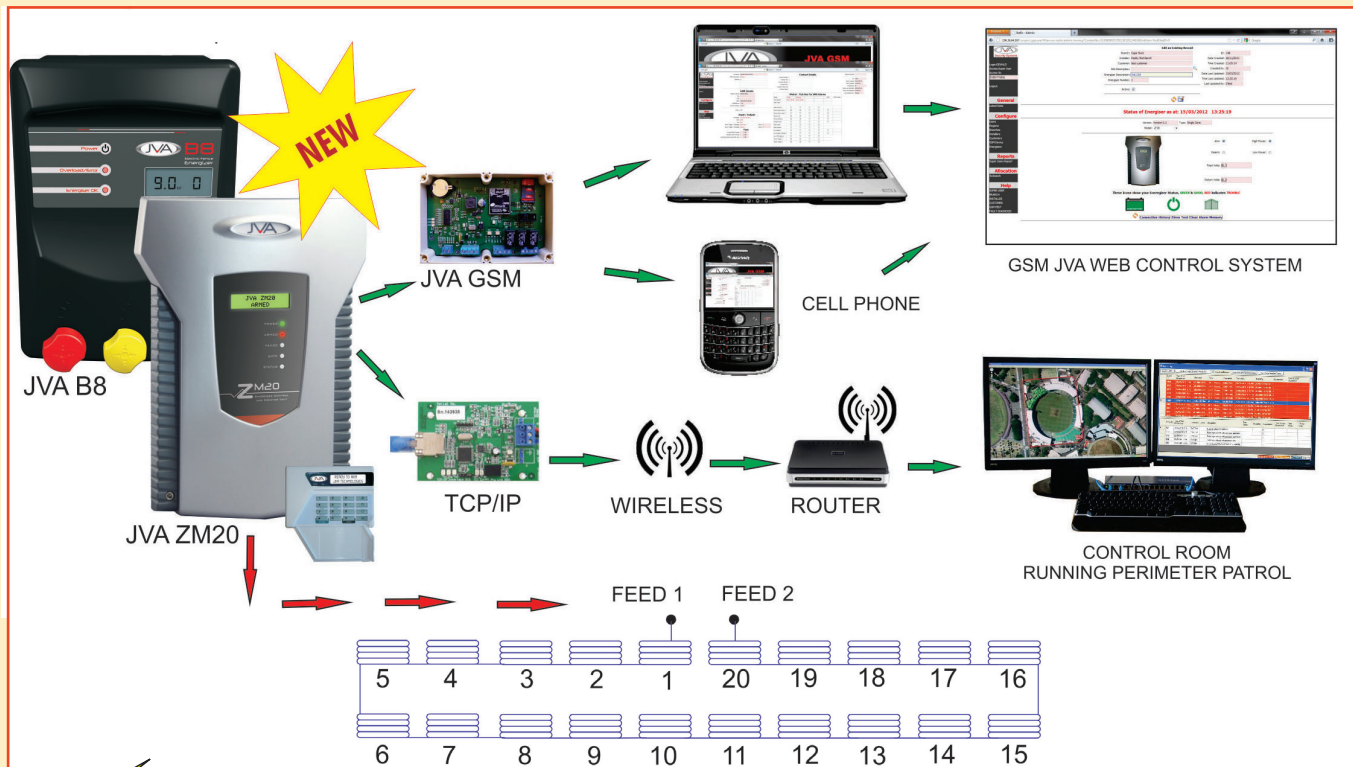
WHAT'S NEW?

JVA ZM20 MONITOR

The ZM20 is an advanced security electric fence monitoring system, enabling the division of an electric security fence into up to 20 programmable sectors. This gives greater accuracy in detecting the locality of a fault on the fence line, which in turn allows for quicker targeted response.

* Reduces the cost of multi-zone systems

- * Accurately divides a High Voltage Fence Zone into up to 20 Sectors
- * Is able to be monitored via Keypad or a PC using Perimeter Patrol software, or any Web enabled device with the addition of a PAE 212 Web Server with e-mailed alarms
- * Is able to be integrated into third party security management systems at a variety of levels
- * Dual HV Feed, increases deterrent and reduces the effect of a cut wire
- * The JVA ZM20 can be powered by any electric fence energizer



JVA GSM MODULE

JVA's new GSM module is compatible with all of the JVA range of energizers and can be attached to any energizer make via a JVA ZM1. The module is designed to interface seamlessly with JVA's own internet platform to allow the end user to monitor and control his electric fence energizer. More specifically, the end user may log in using his personal user name and password to configure the module to do the following:

- * Add, edit and delete cell phone numbers from which you may want to receive SMS alerts
- * Add, edit and delete email addresses from which you may want to receive email alerts
- * Control the information you wish to receive via SMS from the Energizer and Module
- * Add edit and delete the Central Station Monitoring (CMS) receiver number and account code
- * Control the information you wish the CMS to receive
- * Control 3 relays by sending the module an SMS:
 - Receive confirmation SMS from the module as to the status
 - Define the text referring to the 3 relays above, e.g. *Gate Open* or *Gate Close*

- * Receive up to 2 input status changes by SMS
 - Define the text referring to the 2 input status above, e.g. *Gate Open*
- * Receive Fence Alarms from up to 16 Energizers connected to the module VIA SMS
- * View history of fence activations/change of states etc. on the internet
- * View current statuses on the internet of
 - Power supply to energizer
 - Feed and return fence voltages
 - Tamper conditions
 - Gate statuses
 - Battery condition
- * Monitor the SIM balance of the SIM card in the module
 - Receive email alerts of low SIM balance

Installers will be able to receive reports of energizers which fall under their domain, informing them of problems and enabling them to be proactive.



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STAFIX X18i UNIGIZER™



Features

- * Low energy terminal limits energy to below 1.5 joules for use around buildings and houses
- * Cyclic Wave® technology provides a cleaner, more powerful pulse, maximising the energy that travels down the fence for optimal stock control
- * Remote capable (remote sold separately FSTFCRC)
- * Battery saver technology extends battery life and is particularly efficient when used in solar installations
- * Day/Night sensor to adjust pulse speed automatically on day or night conditions
- * Large terminals ensure good connection
- * Earth monitoring function allows user to identify earth system problems
- * Versatile power options – use either mains, battery or solar power
- * Adjustable settings provide flexible pulse speeds and a low power option
- * 2 year warranty



Bungy Cord Gate Kit

- * Consists of multi-stranded latex core and UV resistant sheath, for easy, quick assembly of electric gates
- * Four stainless steel wires for maximum conductivity
- * Wires cross over ten times per centimetre for maximum shock exposure
- * Heavy duty gate components included
- * Standard length 3.5 – 7m

Screw-On Insulator

- * Manufactured from U.V. stabilised polypropylene
- * new screw-on insulator has back support plate which prevents insulator from popping off in hot weather
- * Fits onto a dropper or 10 to 12mm round bar



Anti-Twist Flat Bar Insulator

- * Made from HD UV stabilized polyethelene
- * Ideal for wall-top fencing
- * Fits snugly onto 20 mm flat bar or square tube
- * Back grooved to prevent tampering



Horse Post Insulator

- * This robust insulator easily attaches to T and Y posts
- * It offers side and top fixing options for up to 40mm tape, poliwire, poliropo and braid
- * U.V. Stabilised for long life
- * Large shield to post reduces risk of leakage



Nylon Break-A-Way Spring – Patented

- * Designed to snap open under excessive pressure
- * Detects and identifies attempted wire separation
- * Triggers fence alarm by tangling wires
- * Easy to reassemble – no fuss, no bracket replacement
- * Ideal for forest areas with problem falling branches
- * The spring parts preventing any damage to fence bracket
- * Patented fence series connectors can be added to break the circuit on separation

GET LEGAL-WISE

Answers to ten frequently asked questions concerning earthing

(Information extracted from SANS 1022-3 Standards document)

- Earth electrodes (rods/spikes/stakes) shall be a minimum of 1.2m long and a minimum diameter of 10mm.
 - Earth electrodes shall be manufactured out of galvanised steel, copper or stainless steel. (Remember joining unlike metals will result in electrolysis and corrosion.)
 - Three earth electrodes shall be installed in close proximity to the electric fence energizer and be a minimum distance of 1.2m from each other. The earth electrodes must all be linked.
 - On security fences, additional earth stakes shall be inserted at a maximum distance of 30 meters.
 - On game, strip grazing, and general agricultural fences additional earth electrodes shall be inserted at a maximum distance of 100m apart, measured from the energizer.
 - Earth electrodes shall be installed as vertically as possible.
- In the event of loose rocks, the electrodes can be inserted at a maximum angle of 45 degrees.
 - In very rocky areas, where earth spikes cannot be inserted, measures shall be taken to provide an earthing system that will provide the same characteristics as those applicable if an earth spike is inserted.
 - All earth wires of an electric fence shall be connected together and then connected to the earth electrode.
 - The wire connecting the earth electrode must be similar to, or of a thicker diameter than, the fence wires.
 - The energizer electrode must be at least 2m away from any other earth system (Telkom, Eskom, etc.).



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JVA REMOTE ARM AND DISARM CONTROL UNIT

Features

- Enables arming and disarming of a Z energizer, or a single zone, by key chain fob, or remote control
- Two remote controls included
- Uses digital rolling code algorithm to uniquely and securely couple to remote controls
- Operates between 315 – 433.92 MHz
- 50 – 100 metres range
- Easily connected and configured
- Wired to keypad bus (for power) and input (usually IN1)



X-SERIES

IDS
IHHEP DIGITAL SECURITY

The X64 is the ideal security solution for both domestic and commercial environments. Through its many features, it can expand effortlessly to 64 zones. With its innovative range of zone expanders for both wired and wireless keypads, and add-on modules, it is easily the most versatile and cost effective burglar alarm system on the market today.



WE WELCOME NEW STAFF MEMBERS

Better late than never. Due to the delay in releasing this edition of the *Ndlovu Trumpeter*, we regret that a number of new staff may be feeling a bit unloved. Nothing could be further from the truth. We therefore extend a hearty welcome to Marion Coetzee (HO); Dan Mautjana, DJ Wills; Sanele Maseko, Sweetness Nyilika, Talitha Scheepers, Thapelo Pila (JP); Johanna Malau, Cripas Radebe (KS); Brett Crosby, Solomzi Kosana (PMB);

Raymond Zikhali (Pnt); Gerhaldine Venter (Pol), Percy Butler (Nels); Daleen Stander (WR) David Hill, Ayada Seltein (EL); Nicholas van Wyk, Nicolette Steyl, William Johnson, Donovan Gerber, (Bloem.); William Ngwenya (Kimb.). Finally, we welcome the return of three prodigal sons, Justice Kgoedi (JP), Hennie du Toit, (Bloem) and Riaan Venter (KS). Welkom terug manne.

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PERIMETER PATROL SOFTWARE

The JVA PERIMETER PATROL software package enables one or more energizers to be monitored and controlled from a PC.

Features

- * User-definable, mimic screen background (map)
- * Ability to place the zone mimics anywhere over the map
- * User and administrator PIN numbers
- * Single bi-polar, conventional mode, or dual channel energizers
- * Upper and lower alarm thresholds
- * Zone configuration
- * Logging of alarms and events
- * Ability to archive and print or e-mail a log

The Perimeter Patrol Software is ideal for a stand-alone system where the user requires a visual representation

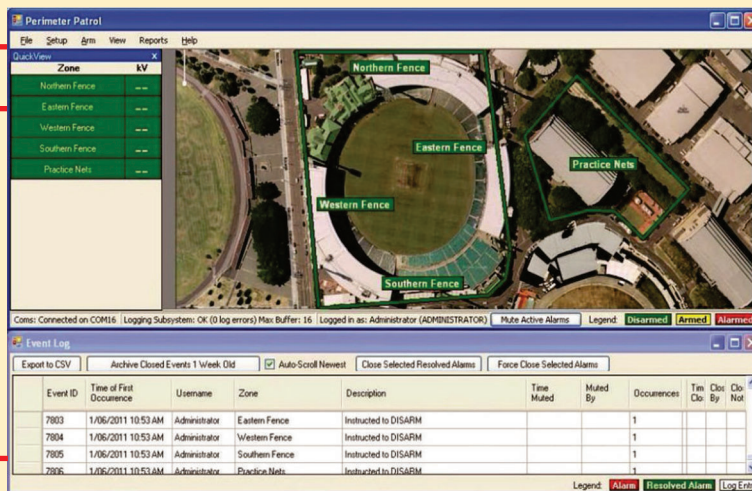


of an electrified enclosure (mimic screen) and the ease of operation that a Windows compatible GUI application can provide. It can also be integrated into existing systems using RS232, RS485 and Fibre Communication protocols.

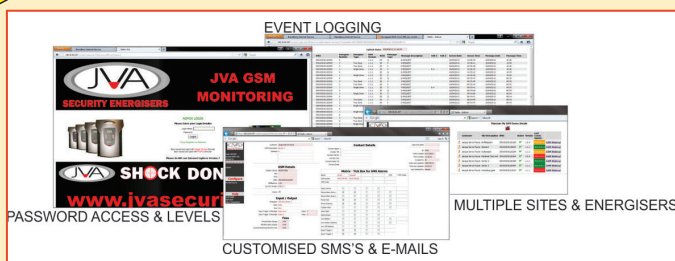
JVA MIMIC

This is a simple and economical plug-and-play Junior Perimeter Patrol Software Package that interfaces with your JVA network system, giving you a geographical layout, on a single screen, of your protected area.

The software displays fence voltages and gives you basic logging and full control of up to 8 individual energizers.



JVA WEB SERVER



Part No.: PAE212 (Subject to change)

The JVA Web Server provides Ethernet/Internet connectivity for up to three (3) Z-Series Energizers or Monitors. The PAE212 can act as a stand-alone Web Server or as a simple Ethernet interface. Using the PAE212 as a web server makes remote control and supervision of Energizers as simple as opening a Web Page in a standard Internet Browser. The Web Server will also send emails on alarm or change of fence condition.

The JVA Web Server allows you to remote control your electric fence from:

- * Your PC over your existing local area network (LAN)
- * Your web enabled phone or PDA
- * Anywhere in the world using the internet

Benefits

- * PC based control and monitoring
- * Simple intuitive user interface
- * Utilises Ethernet wiring for the PC connection
- * No need for a dedicated PC
- * Alarm emails remove the need for continuous fence monitoring
- * Powered from the Z-Series Energizer Keypad bus
- * Can be placed inside a Z-Series Energizer Enclosure

JVA P100 PET CONTROL ENERGIZER

The new JVA PET 100 electric fence energizer makes domestic animal control a breeze. It is safe and easy to setup and its small size makes it ideal for portable systems. It can be powered from a 12 volt battery, mains, or solar and has reverse battery protection. It is contained in a UV stabilized, O-ring sealed enclosure for ant and moisture protection. The unit is also protected against power surges and will warn you when your battery is low.





OUT and ABOUT

OUT of India ...

... came Sandeep Mukherjee to learn about wildlife fencing. Seen here with Sandeep inspecting output performances between the Stafix B18 and the new Stafix X18i, are Jet Park manager Ricardo Pacheco and Keran McCaull of Stafix, New Zealand. The new X18i won hands down!



AND ABOUT to leave from Dubai were ...

... Vikash Singh and Donovan Mynhardt at INTERSEC with the marketing director, Anthony, of CP Plus, having attended the INTERSEC security exhibition and received intensive training on new CP-PLUS camera products.



OUT of breath ...

... but full of enthusiasm are Shaun Williamson and Rod Benard seen finishing the Cape Epic, one of the toughest mountain bike races in the World. After 7 days and 750km of gruelling riding against some of the biggest names in world Mountain Biking, our two intrepid amateurs finished a very creditable 142 out of 600. Congratulations on a herculean effort.



AND ABOUT to reach the summit of Kilimanjaro ...

... is Di Williamson (no relation of Shaun's) of Electric Paddock Fencing. Di is better known for her achievements in the world of show jumping where her horse, *Lethario Lad*, has won many gold medals. We're sure Di would have really appreciated a bit of a lift from *Lethario Lad* on this adventure. Congratulations Di on summiting Africa's Highest. Next – Everest?



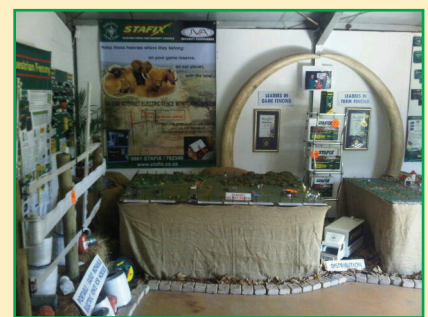
OUT to impress ...

... were the Gauteng team with their Eiffel Tower at IFSEC 2012. And judging from the results they achieved, impress they certainly did! With visitors from around the world attending the exhibition, export orders have been truly impressive with the JVA ZM20 and GSM module attracting special attention.



AND ABOUT to win gold again! ...

... were the KZN Team at the annual Pietermaritzburg Royal Show. The Royal, South Africa's oldest agricultural show, demands exceptional standards of Exhibition, and Judging is based on commonwealth standards. Well Done KZN on achieving Gold again. What a bunch of show-offs.



OUT for the benefit of all ...

... is a pocket version of the new Laws and Regulations which are now in operation. Also out is the new 1012/2013 Stafix Product Catalogue. Copies of these books are available from Stafix outlets.

