Pakton*News*

The Customisable Energiser Range

Perimeter Patrol™

Version 6 release details on Page 8

Visit us at pakton.com.au
or
jva-fence.com.au for further product details

Pakton's new and improved Cloud Router mobile app!

Read more on Page 4 >>

Editor's Note - By Danielle Garside

First newsletter of 2019.. and wow, what a year it has been so far! Our engineering team is constantly abuzz with activity; working hard to keep Pakton Technologies at the forefront of design innovations for electric fence tech. We hope to release some of our exciting new products soon... so watch this space!

Pakton officially welcomes Travers into our engineering team, although he has been around a long time. Travers was Pakton's bursary recipient in 2011, and then took up a Cadetship with us. Which saw him working alongside the engineering team over the course of his degree. Since graduating, Travers now works primarily in R&D, however he also still plays an important role in production with engineering support and repairs.

This edition we feature our Cloud Router technology, hopefully clearing up any confusion our readers may have on the topic as well as introducing some of our newest technologies. If you still have any questions, please do not hesitate to contact us. We would love to hear from you. Until then... we hope you enjoy our latest newsletter and find it an interesting read.

Travers, then and now...

Meet Pakton's Power Probe Queen: Jeanette Kelly

Some of you will have already had the pleasure of meeting Jeanette Kelly, our longest serving employee, in some of our past newsletters.

In Pakton's earliest days (approximately 1995), Jeanette assisted with the soldering and assembly of the original Pakton Electric Fence Power Probe, and went on to become our first storeperson.

In 2006, she took a year off to tour Australia in her 4WD, resuming work the following year. Upholding her long-reigning title of "Power Probe Queen", Jeanette still works part time, assembling most of the Power Probes that leave production. Thanks to her dedication and assistance over the years, Pakton's Power Probes are still a market leading product, and continue to be distributed all around the world.

Paul and Jeanette (2006)

The Cloud

AND WHAT IT MEANS FOR CONSUMERS

If you're up to date with IT and computer advancements then no doubt the word 'Cloud' has changed in meaning for you over the past few years, though both meanings of the word can be viewed as enigmatic if they've never been explained to you. The tech type of Cloud has revolutionised the way we store and access information and when applied to apps such as security software or device control, can save the user both time and worry.

To understand the applications of "Cloud" technology, it helps to understand how programs (Apps) hold their information (data). Older Apps (PC and Phone) held your information on your local PC or phone or sometimes on your business file server. You had to back it up if you did not want to lose it and and if you wanted to access on another device you had to "sync" it. If you wanted to update the App you had to install the update. With Cloud technology your data and now even the App itself is in the Cloud. The Cloud is really a building with a lot of computers in it called a data centre.

Cloud based Apps are now much more common. I am writing this newsletter on one of them, Canva (check it out it is great!). I did not have to install Canva, my files are stored in the Cloud and I can access them from any PC I happen to log in on. I also do not need to update the App, that happens automatically.

Pakton's Cloud Router is a Cloud based App and database. It is hosted on a AWS (Amazon Web Services) server. It is also a "Router" in that it puts our customers in touch with their devices in the field. The devices connect to the database and the users log in and monitor and control their devices. In this case by "devices" we mean electric fence energisers and monitors. Another name for a system like this is the "Internet of Things". Our IP Energisers and Cloud Router Gateways are "things". Of importance is that at Pakton we wrote the whole system ourselves. This means we can customise it and badge if for our customers.
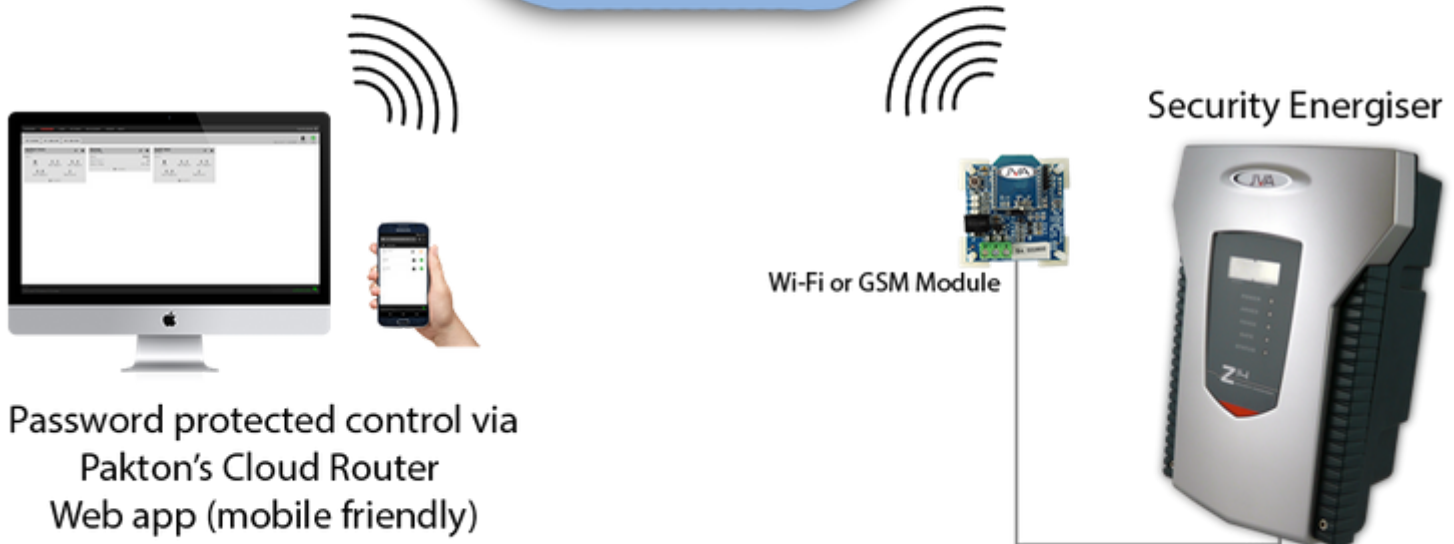
The *PET100*

You may have noticed the PET100. It is one of the smallest (physically) energisers on the market. While most of these are made at 0.1J, for strip grazing and pet control, Pakton can make models in this case up to 0.5J. It can be powered from as low as 5V (USB).

Cloud Router™

NEWEST APP AND FEATURES

Password protected control via
Pakton's Cloud Router
Web app (mobile friendly)

Security Energiser

Wi-Fi or GSM Module

How it works

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. Cellular (2 and 3G) and Wi-Fi Gateways are 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. SMS and Email alerts for alarms are available.
The Cloud router is available through a web browser or mobile-friendly web app. This means you can use it on any device with a Web Browser. With recent developments it can also be installed as an App on your phone.

Newest Additions:

- Cloud Router's new graphing feature allows you to see trends in things like fence voltage over time.
- You no longer have to log in everytime you use it, saving you time.

Test it! To try Cloud Router™ go to
https://cloudrouter.pakton.net/login
Username: cloud@pakton.com.au
Password: cloud

The Thompson Traveler

Malaysia

March this year took Paul (Founder/Director) and Kayleen to Thailand and then Paul went on to Malaysia for one of their annual security shows.

It was a wonderful opportunity to catch up with our Malaysian suppliers, customers and distributors, along with various other international contacts who had also flown in for the event.

United States
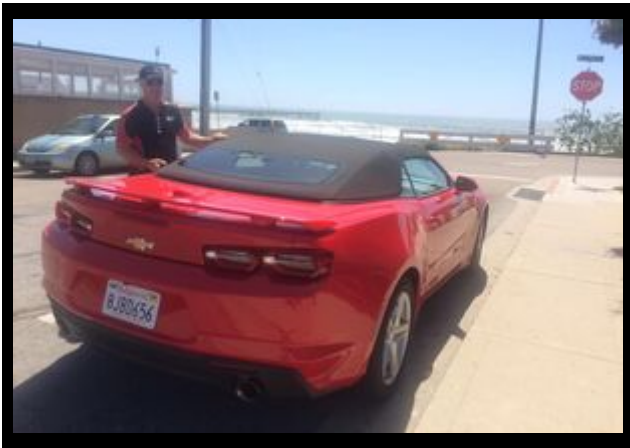
Shortly after, in April, Paul and Kayleen flew across to the USA.

Much to the other staff members' envy, they decided to cross off an item on their personal bucket list and travel in style in a convertible down the coast of California.

The trip allowed them to talk business with both current and potential customers. The trip took them right across the states from CA to PA in a whirlwind of flights and hire cars.

Pictured here is a 'little' sandwich from Primanti Bros in Pittsburgh!

The MB Energiser Range

What do you need?

Whether it's IP enabled or a simple energiser- the MB range is guaranteed to keep the livestock in and the predators out.
Ranging from the MB1.5 to the MB16, Pakton can supply you with any amount of power customised to your needs.

- **The MB4.5, rated at 4.5 Joules can power up to 45km of fence!**

The MB8 IP is rated at 8 Joules can power up to 80km of fence!

Its features include an audible warning if there is a serious fault on the fence and Pakton's patented Auto-Sync TradeMark Technology which helps keep fences safe.

- **The MB12 IP is rated at 12 Joules can power up to 120km of fence!**

But to get the best from your fence energiser, there's more to consider than just fence size and output voltage, at Pakton we consider all environmental factors and can match you with the best fit with no extra cost. For further details on the MB range, or if you're not quite sure of what you need in an energiser, contact us on 07 3888 3793, email sales@pakton.com.au or drop in to our Narangba showroom at 1 Helium Street, 4504.

Team Dougall Sponsorship

Since 2017, we have had the pleasure of sponsoring Brooke from Team Dougall, providing them with the necessary equipment to ensure that Brooke is as safe as possible whilst participating in events with her beloved horses. This year, Team Dougall has added two new horses into the fold, and is ready for another packed year!

The 16th and 17th of March marked Team Dougall's first event for the year - the CCI-S in Warwick. Trudy, one of the teams riders (and Brooke's mother), wrote: "While the season starts in February, we prefer to start a little later to give the horses a good break after their last event in December".

At a later event in April, Brooke and Team Dougall competed in a beautiful cross country course in Quirindi, NSW. Pakton Group have supplied Brooke with a Point-two Air Vest and a new Gatehouse Jockey Helmet, which protected Brooke during a fall in one of the rides. Thankfully, both Brooke and "My Locky" walked away unscathed with only a few bruises.

Pakton Group look forward to supporting Brooke and Team Dougall through all of their future endeavours!

Brooke Dougall (2017)

The Lightning Diverter

Simple to fit and proven effective in the field over many years this device is cheap insurance for any electric fence energiser.
Completely sealed against the elements, this device is a true multi-stage lightning diverter, not just a cheap spark gap!

- **Features:**
- Reliable way to protect energisers
- Contains an RFI filter to aid in reducing the electrical interference that can cause a ticking noise on telephones and inhibit the use of the Internet.

West Zone

East Zone

Perimeter Patrol™
Version 6

Perimeter Patrol™ adds PC connectivity, communications and control to your security electric fence, giving you the peace of mind that comes with being able to check that your fence is working wherever you are. Perimeter Patrol™ runs on a standard Microsoft Windows PC connected to Pakton Security Electric Fence Energisers via USB, RS485 or TCP/IP Ethernet adapters.

Perimeter Patrol™ has been a popular choice among electric fence monitoring systems and allows software integrations between third party devices. We can provide you with an SDK for Perimeter Patrol™, this will allow you to use/create your own application to monitor and control our electric fence energisers whilst having other security products on the same software like cameras.

Newest Features include:

> Brand new geographical location tool >> Perimeter Patrol™ provides latitudal/longitudal co-ordinates so you can locate your alarm faster.
> Cloud backup ensures the safety of your data and makes PC migration simpler than ever
> Our automatic updates will garuntee that your software is always up to date with the newest additions and improvements.

Security Energizers   USB, RS485 or TCP/IP Ethernet adapters   SDK   Your Software Integration   Your Application

Contact Pakton on: *07 3888 3793* or email *sales@pakton.com.au* to get fast access to our newsletters, read about Pakton news sooner, learn of new products as they are released, find answers and ask us questions about our products, services or anything related to electric fencing. Follow us on LinkedIn to engage in discussions about electric fencing products, industry, standards or related topics.

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