NEW ERA it

> "This has impacted how we teach. Our teachers and students now have access to all the best resources, and all the latest information, all in real-time."
>
> Richard Dykes – Associate Principal, Pakuranga College

PAKURANGA COLLEGE

EduNet provides unmetered access to educational resources

supporting *digital learners*

Pakuranga College is a culturally diverse school situated about 30 minutes away from Auckland's inner city. The school focuses on educating students and equipping them with the skills they need to achieve high academic standards and become outstanding members of the community.

To provide students with an exceptional learning environment, Pakuranga College partnered with New Era IT to build a state-of-the-art communications network equipped with Vector's EduNet. Now the school has unmetered access to educational resources, the internet, and other schools on EduNet, which has transformed the way they teach. Both students and teachers are thriving in this environment that allows them to develop advanced digital skills, all at a fixed cost.

> "We've had EduNet for a few years and they've been great. For us, it's about quality of service, and they deliver."
>
> Richard Dykes – Associate Principal, Pakuranga College

The challenge

To support Pakuranga College's exceptional and innovative learning environment without online access restrictions constraining learning.

The need

A high-speed broadband connection is an essential educational tool for Pakuranga College. Online activity is now fully integrated into their learning philosophy, as both a teaching and learning resource. After experiencing problems in the past, Pakuranga College know how critical it is to have a reliable connection and how much they depend on it.

The school also recognises that using the internet is a life skill, so teachers incorporate online elements into their classes. This allows teachers to interact with students in a way that students are familiar with, while also helping them to become more competent in the digital world.

VectorFibre
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Vector communications

"EduNet has helped our kids develop something we call digital competencies, and they're essentially life skills. Because if a child doesn't have these, or lacks these, it will get in the way of their learning."

Richard Dykes – Associate Principal, Pakuranga College

"When New Era IT first engaged with Pakuranga College to provide ICT support and advice, one of the first areas of priority was that of Internet bandwidth. The existing connection was hampering the college both in regards to teaching and learning using ICT as well as remote support of users and the systems in place. With the recommendation and installation of EduNet not only did the college receive a cost effective solution but one of the major barriers to ICT support, teaching, and learning, was removed."

Adrian Bull- Business Manager National Operations, New Era IT Ltd

Solution

EduNet provides Pakuranga College with:

- Ultra fast 1Gbit/s connection with other EduNet schools for instant collaboration.
- 100 Mbit/s access to rich content from a wide variety of educational content.
- From 10Mbit/s up to 100Mbit/s access to the public Internet - flexible enough to meet the particular requirements of the school and without caps that would hamper learning in the classroom.

The school gets all of this at a fixed cost, allowing teachers and students access to Vector's EduNet network, and a reliable, high-speed broadband connection.

Key results

EduNet gives Pakuranga College teachers and students the opportunity to access a vast range of online materials. It can connect them with other schools and other educational content providers, including libraries, universities, TVNZ, TV3, and data centers. With the high-speed broadband connection they can create and share their own educational material with online services like Elluminate and Wikispaces. In short, the possibilities are endless.

Having access to the wealth of information available online is an extremely valuable tool. Teachers and students can make use of all the resources available online using a variety of different electronic devices, regardless of their operating system (Mac OS, iOS, Windows, Android, or even Linux). This means that everyone is free to work from almost any machine, without compatibility issues getting in the way of learning.

All of the services and opportunities provided by EduNet to Pakuranga College come at a flat rate, which allows Pakuranga College to better manage its IT budget and spend. Unmetered internet access also lets them take advantage of free online services, saving them even more. In addition, instead of incurring additional costs so that each student can have 20MB of server storage, EduNet allows those students to have access to 50GB of cloud storage free of charge.

Downloads/Links

www.pakuranga.school.nz
www.newerait.co.nz

Why Vector Communications?

The school's IT partner, New Era IT, recommended Vector's EduNet. Operating off the new VectorFibre Carrier Ethernet platform, EduNet offers high-speed broadband and content at a flat rate. Being an open access network also allows users to post relevant content which can be accessed on EduNet.

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