

“The VectorFibre fibre-optic service is reliable, scalable and meets our needs as a rapidly growing tertiary education institution in every possible way. We’re only just beginning to see the benefits.”

Simon Gillson, MIT Communications Manager

## Fully scalable VectorFibre network links satellite sites with ease



Manukau Institute of Technology (MIT), based in East Tamaki, is one of the fastest growing tertiary educational facilities in the country, with the VectorFibre network servicing more than 6500 staff and students over five separate locations. MIT is perfectly placed to expand further, safe in the knowledge that Vector Communications’ fibre-optic network can rise to any challenge.

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**Simon Gillson**  
MIT Communications Manager

### The challenge

MIT’s strategic objective at the start of the year was to “go where education was needed and get a presence there.” This philosophy led to the rapid development of MIT satellite sites in the Auckland CBD, Newmarket, and the Highbrook Industrial Park development. “The rapid deployment Vector Communications was able to promise, and deliver, meant we were able to deliver course material from day one of term, right in the heart of the areas where the learning we offer has the most practical application for the businesses around us”. What MIT didn’t want was to replicate network infrastructure at each satellite site, says Simon, “which would have meant having a physical presence monitoring and supporting the site, and been inefficient and costly.”

“We required a completely reliable and transparent network solution, which worked like a LAN enabling the satellite sites to access MIT datacentres in East Tamaki, just as though those sites were on the main campus itself – and that’s exactly what Vector Communications provided.”

### Business need

As a technology institute, MIT has staff and administrators who need to be seen as pioneering thinkers and early adopters, and to be able to offer the latest applications quickly and efficiently to staff and students, wherever they may be physically located.

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**MIT Communications Manager**

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“Our VectorFibre connection allows us to do just that”, says Simon. “If we upgrade a piece of software, or introduce a new application, we can publish, package and deploy it from the main campus, and our staff and students at satellite facilities have instant access, just as though they were on site. For example, we can stream video to a PC in a classroom in the Highbrook campus, directly from here. No delays, no need for DVD players or duplicated hardware or course material.”

This type of functionality is incredibly efficient and substantially reduces the costs typically associated with maintaining “remote” sites, whilst also providing MIT personnel in those locations with every advantage enjoyed by those on the main campus.

### Solution

The VectorFibre 100Mbit/s fibre-optic service matches MIT’s needs perfectly, and importantly gives the organisation the confidence to ‘replicate the model’ and establish satellite sites in other parts of Auckland. MIT can do this confident in the “seamlessness” the VectorFibre connection delivers for staff and students and with the added benefit of much lower “remote location” support costs.

### Key results

The success of partnership means MIT now have total confidence that it can respond rapidly to market demand and quickly establish a presence where it’s most valuable and needed. Future satellite campuses and office locations can quickly be networked to the main campus with all the same benefits and at a fraction of the cost traditionally associated with establishing and supporting a remote location.

### Downloads/Links

[www.vectorfibre.co.nz](http://www.vectorfibre.co.nz)

### Why Vector Communications

“For MIT the choice was simple. Vector Communications delivered an ideal solution for our needs. They did so in a very short time frame, and with a solution that offers exceptional value for money over the long term.

Our network will continue to deliver the sort of efficiency that improves profitability, and it’s repeatable and scalable. “

“Add to that the reliability of the network, and responsiveness of the Vector Communications team and it is a winning combination,” says Simon.

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## About Vector Communications

Vector Communications is a fibre-optic network operator owned by Vector. The VectorFibre network covers businesses in Auckland and Wellington, with direct connection to the Southern Cross cable, New Zealand’s fibre-optic link to the world. For more information on using a direct fibre connection to help your organisation grow and realise its potential, call Vector Communications on **0800 826 436**, or visit [www.vectorfibre.co.nz](http://www.vectorfibre.co.nz).