

“It’s a key requirement of education.  
We can’t say ‘sorry; you’ll have to wait until  
the lines are free to learn that’.”

Jason MacDonald – Kristin School Director of Information Communication Technology Services

## VectorFibre enables delivery of ‘in-time’ education



Kristin is one of New Zealand’s leading Independent Schools. Approximately 1700 students from Kindergarten level to Year 13 attend the Albany school which has a reputation for innovation. Kristin is renowned for a progressive approach to education and is often seen as a model of best practice. One of Kristin’s points of difference is its leading edge ICT environment.

Vector Communications - in partnership with North Shore City Council - has built an Urban Fibre Network (UFN) across North Shore City. More than 40 schools are now connected to the North Shore Education Access Loop (NEAL), which provides access to high quality broadband services. Kristin School - the fastest connected school – has pioneered the use of this high speed fibre optic communications network.

### The challenge

“With so much of our students’ work going offshore for assessment, fast broadband is critical”

Jason MacDonald –  
Director of ICTS

Educators agree; quality education is all about delivering ‘in time’ information. Just-in-time just doesn’t cut it in the 21st century.

### Business need

Slow internet access hampers teachers’ abilities to provide timely data to their students. Kristin teachers had to prioritise their online teaching needs. Kristin also subscribes to the International Baccalaureate education programme and the school is required to send screeds of information offshore for marking as well as download data-intensive education materials.

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**Jason MacDonald –  
Director of ICTS**

“In addition to Internet, the school runs security, phone and high quality video conferencing connections over fibre”

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### Solution

As a result of Government funding under the ‘Broadband Challenge’ Kristin is able to gain access to high quality broadband services.”

### Key results

Connected via fibre optic cable, the school can deliver its lessons when they’re needed and upload and download information fast and to a known budget. Fibre optic is future-proof and has enabled Kristin to build a high quality network providing many more services to staff and students than it ever could using ADSL. It’s very powerful, and enables a true multi-services solution; in addition to Internet, the school runs security, phone and high quality video conferencing connections over fibre - it has so much more capacity. Jason MacDonald’s advice is to go with fibre because you won’t know how valuable it can be until you have it.

### Downloads/Links

[www.kristin.school.nz](http://www.kristin.school.nz)

### Why Vector Communications

Government funding under the ‘Broadband Challenge’ enabled Vector Communications in partnership with North Shore City Council to build an Urban Fibre Network (UFN) across North Shore City. Kristin School leapt at the opportunity to connect.

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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).