



# "Rightsize" your Network with Aruba Wireless

## Aruba has pioneered a new mobile networking approach to help you achieve your organisation's vision

In today's rapidly-changing world, students' need "anywhere, anytime" connectivity for learning applications and project collaboration.

Schools and Tertiary Institutes can now provide ubiquitous access to enhance curriculum in classrooms and labs. Staff efficiency can increase with access to administrative servers wherever they work or roam. Learning Environments require networks that go beyond the conventions of wired or wireless to give you greater agility and advantage. How can today's schools and universities satisfy these demands?

Aruba Networks has pioneered a new approach to network design that lowers costs and delivers increased user-productivity. Instead of purchasing, installing and supporting multiple wired network ports for every user,

Aruba offers high performance 802.11n wireless network at a minimum cost / access approach. This new paradigm of a "Right-sized" network involves the principle of switching the school's current wireless-capable devices and ICT learning locations to 802.11n wireless access, providing fast access to the network and reducing the costs of building and upgrading expensive wired networks.

Aruba has even taken the guess-work out of estimated savings by creating a "rightsizing calculator" that will show projected savings from rightsizing your network. The calculator models the cost savings associated with migrating users to wireless as their primary form of network access. Since 20% to 60% of users in secondary and higher education rely on laptops, netbooks, smart PDAs, or some other form of Wi-Fi enabled mobile computer, the transition to wireless access will deliver instant savings.

## The Aruba Network Rightsizing Advantage:

- **Closest or Intermediate Distribution Frame (IDF) refresh**  
This presents an opportunity to audit port utilization, shift all mobile computer users to Wi-Fi to further reduce ports, and closet hardware;
- **Network expansion**  
Newer segments can be designed according to actual usage requirements, avoiding the higher costs of an over-designed wired network in favour of a more economical wireless deployment;
- **Department moves/adds/changes**  
These are accomplished faster and most economically when a WiFi network is strategically designed as the primary access method complementary of the learning environment, with the added benefit of minimizing additional cable runs, port activation, deactivation and troubleshooting;
- **“Greenfield” deployment**  
Bringing up a new building presents an opportunity to optimize the mix of wired and wireless ports from the outset, resulting in smaller closet switches, lower power consumption, and reduced cabling.



## The Aruba Advantage:

- An education-ready mobility network that overlays fixed networks to provide unparalleled scalability
- The ability to freely, securely and cost-efficiently add users, locations and bandwidth
- A network that features the highest level of mobile and fixed network security now and into the future
- A voice-ready network that gives you all the benefits of convergence today
- A device-agnostic network that supports legacy devices while allowing you to seamlessly add news ones
- A more flexible network that enables you to readily add new services and capabilities
- A more agile network that evolves as your needs evolve.

New Era IT has partnered with Aruba Networks to supply secure and scalable wireless solutions for all school and higher education customers throughout New Zealand. New Era IT uses proven service methodologies to ensure your wireless network is deployed to provide the coverage, performance, security and seamless integration required for your environment.

**Schedule your meeting** with our Wireless experts to evaluate your current environment and infrastructure. Please contact:

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