

“The Fujitsu team managed a complex project that delivered significant IT improvements, cost savings, positive environmental outcomes and showcases our unique PalmSecure technology.”

Nick Brown  
CIO  
Fujitsu

The Fujitsu premises in Auckland became the first office in Oceania to implement PalmSecure access technology.

#### At a glance

Country: New Zealand  
Industry: ICT  
Founded: 1980  
Employees: 700  
Website: [www.fujitsu.com/nz](http://www.fujitsu.com/nz)

#### Challenge

Fujitsu's business in Auckland had changed significantly during the two decades it had been in its original Auckland address. Staff were spread out across several small floors, a barrier to collaboration. The building also housed a large computer room with its own air conditioner, adding a considerable amount to the building's energy consumption.

#### Solution

With a New Zealand Green Building Council 5 star rating, the new Auckland building achieves high levels of energy efficiency and supports Agile workstyles. Fujitsu planned the move to maximise environmental outcomes, including shifting IT to a dedicated data centre environment.

#### Benefits

- Energy savings equivalent to the average annual energy use of 56 NZ households
- 64% reduction in energy and savings of 24 tonnes of CO2e annually
- More than 8,250kg of eWaste diverted from landfill
- A showcase location that demonstrates Fujitsu's PalmSecure technology and commitment to flexible working

## Customer

Fujitsu New Zealand is a leading service provider of business, information technology and communications solutions. As one of the largest ICT companies in the New Zealand marketplace, we partner with our customers to consult, design, build, operate and support business solutions.

## Products and Services

- Project management to relocate ICT services and 200 staff members with no service interruption, and minimising office ICT footprint to deliver security, reliability and environmental outcomes.
- Sustainability leadership that reduced energy consumption and ensured zero eWaste to landfill while moving to the 5-star Green Building Council rated building.



## Rationalising and recycling onsite IT

The Fujitsu project team worked with the business and customers to identify devices in the onsite computer room that could be virtualised or decommissioned. More than 150 individual devices were decommissioned – 33 servers, 24 storage devices and more than 60 pieces of networking equipment were removed from service; with the remainder consolidated into a third-party data centre facility.

“Fujitsu extended our secure inter-office network to a third-party data centre facility in New Zealand. The availability of all IT services was maintained during the relocation to minimise the impact of the relocation to our customers and staff, who can now enjoy a service that meets all their standards of security and availability – as well as energy efficiency”. Nick Brown, Fujitsu Oceania CIO.

The project team ensured Fujitsu’s policy of zero eWaste to landfill, in place since 2009, was observed. In all, an impressive 8,250kg of ICT equipment – more than 40kg per employee at the site – was diverted from landfill and recycled onshore in New Zealand. This recycling reduces GHG emissions by more than 2.3t CO<sub>2</sub>e and diverted more than 48.8kg of toxic metals from landfill (according to the Basel Action Network e-stewards methodology).

## Energy and Environmental Savings

An annual saving of more than 398,406 kWh has been achieved – equivalent to the annual energy use of 56 homes. Taking into account both new Fujitsu premises – an office in the Victoria Park area and a warehouse in Mount Wellington – and the outsourced data centre, the first quarter of occupancy in the new sites have delivered an impressive 64% in reduction in total energy use, representing dollar and emissions savings. In New Zealand we proudly procure our power from Meridian Energy, who only generates electricity from renewable sources such as wind and hydro power.

Improved recycling arrangements are also in place at the Auckland office, with employees having colour-coded bins to divert co-mingled waste, organic and electronic waste from landfill. Currently more than 52% of general waste (not including eWaste) is diverted from landfill and we aim to improve in future. Fujitsu operates an ISO14001 certified Environmental Management System to control environmental impacts and publishes an annual Responsible Business Report.

“Fujitsu has reduced emissions from office energy by more than 60% since our baseline year in 2008, but we’re not resting on our achievements and continue to make further reductions. This project illustrates Fujitsu’s commitment to best practices in reducing environmental impact, including ensuring all electronic waste was processed onshore in New Zealand”. Blaise Porter, Fujitsu Sustainability Manager

## Agile workplace

One of the key drivers behind a shift to agile working was to create a healthy and invigorating work environment for employees. The spaces have been designed to accommodate various working styles, providing variety and flexibility for staff. Cisco Telepresence and Microsoft Surface Hub systems were also installed to promote richer virtual collaboration with customers and Fujitsu colleagues globally.

The warehouse and field services facility in Mt Wellington is fitted out with a ‘drop-in zone’, providing 24 workstations to work from, two collaboration areas and two meeting rooms as well as a kitchenette. This provides Auckland staff with options to base their work each day and reduce their overall commute time each week. Fujitsu’s Field Service support team is also housed at the site with a glassed off area especially for them, alongside a spacious lab area and separate server room for test environments.

The office building features end-of-trip facilities including bicycle storage, showers and lockers that encourage active transport, in addition to being conveniently located for public transport.

“For me the highlights are the new technology we have been given, including the Palm Secure access to the office, the openness of the layout, and various different types of working areas. I feel more connected with my colleagues in this environment, and am proud to call this my workplace,” Paula Wright, Fujitsu employee

## A technology showcase

The Auckland office became the first office in Oceania to implement PalmSecure access technology. PalmSecure is Fujitsu’s biometric authentication technology based on palm vein pattern recognition, shown to be one of the most accurate biometric authentication solutions.

## FUJITSU

Email: askus-nz@nz.fujitsu.com

Phone: +64 4 495 0700

