

Case Study Bankwest

»This data centre will enable Bankwest to continue to develop and refine new and innovative ways of banking that will benefit our million-plus customers across Australia. It will also enable us to significantly reduce our carbon footprint.«

Andy Weir, Chief Information Officer of Bankwest



In November 2010 Fujitsu, together with Bankwest, announced the opening of Australia’s most advanced and environmentally sustainable data centre in Perth, Western Australia.

The challenge

As the leading Western Australian financial institution, Bankwest was looking for an efficient and secure local data centre facility that could offer the appropriate security and energy efficiency to meet their growing data, storage and regulatory requirements.

The solution

Bankwest chose to take advantage of Fujitsu’s brand new data centre in Perth. Considered Australia’s most advanced, environmentally sustainable data centre, it will deliver significant energy savings, while ensuring Bankwest continue to meet all of their customer and regulatory requirements for security and privacy.

“(This data centre) also allows us to progress consolidating and migrating our critical systems into the new facility over the next 12-18 months. It is a very significant investment and underlines our continued commitment to the Western Australian community and will ensure we continue to meet all our customer and regulatory requirements for security and privacy. It will also enable us to reduce our carbon footprint,” said Andy Weir, Chief Information Officer of Bankwest.

The benefits

The Perth facility offers Bankwest savings of approximately 20 percent on in-house operational data centre costs. It contains sophisticated building control management systems that remotely monitor and adjust power settings throughout the complex.

It incorporates biometric and other security technologies to deliver maximum efficiency and superior data integrity and resilience. The facility also features sophisticated metering capabilities to support Bankwest’s compliance with energy legislation.

The customer

Country: Australia
Industry: Finance
Founded: 1895
Website: www.bankwest.com.au



The challenge

To ensure the correct data centre facility was selected to meet growing data, storage and regulatory requirements as well as delivering energy efficiency and state of the art technology.

The solution

An advanced environmentally sustainable data centre with security technologies that deliver maximum efficiency.

The benefits

- More than 3,000m² of Tier III, highly secure raised floor space
- Biometric technology delivers superior data integrity and resilience
- 30 percent less energy
- 80 percent less water usage
- Sophisticated building control management systems that remotely monitor and adjust power settings
- Savings of approximately 20 percent on in-house operational data centre costs

The new data centre consumes 30 percent less energy than standard facilities and its cooling system saves up to 80 percent in water use. The advanced design features include a hybrid cooling system which allows free cooling over approximately eight months of the year. This potentially decreases the cooling load by up to 50 percent. The use of ultrasonic humidifiers delivers further cost advantages, as they require only 20 percent of the energy of traditional units. The end result is a data centre that is more efficient, which is cheaper to run, and which satisfies all of Bankwest's operational and security needs.

The installation is a good example of Fujitsu's active commitment to environmentally sustainable computing. Fujitsu has actively applied and promoted environmental principles since the introduction of its Environmental Protection Program in 1993. It has been recognised as a member of the Dow Jones Sustainability Index since its inception in 1999.

In Australia, Fujitsu aims to save its customers over a quarter of a million tons of greenhouse gas emissions by 2012 from its outsourced data centre operations. Bankwest is just one example.

In collaboration with



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