RITTAL Pty Ltd
HEAD OFFICE
130-140 Parraweena Road
MIRANDA NSW 2228
☎ 1800 350 665
🖷 +61 2 9525 2888
✉ info@rittal.com.au
🌐 www.rittal.com.au

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CONTACT
Troy Gersback
Marketing Coordinator - Australia & New Zealand
P: +61 2 9526 4904 | M: +61 400 873 917
tgersback@rittal.com.au

RITTAL DATA CENTRE CONTAINER - READY-TO-USE, SECURE AND ENERGY EFFICIENT

At 12 metres in length, the new XL-Version of the Rittal Data Centre Container (DCC) is generously dimensioned. As many as sixteen TS 8 server racks with 752 height units can be accommodated for. With an outer width of 3 m and height of 3.25 m, the Rittal DCC is approximately 60 cm wider and 65 cm taller than the ISO standard. These considerable dimensions provide technicians and administrators with enough free space for installation and maintenance.

The Rittal Data Centre Containers have been specially designed for IT applications and have a reinforced exterior shell, as well as fire and burglary protection features. The infrastructure and the valuable data and hardware inventory are well protected against external hazards.

The DCC XL can be cooled energy-efficiently. Its design allows a separation into hot and cold aisles to allow targeted cooling of the servers. The use of direct free cooling is also possible, depending on the geographical location. Where this is possible, the filtered outside air is guided directly into the container. A switch-over to a conventional climate control unit is then only made at high external temperatures. This way, a very good PUE (Power Usage Effectiveness) of less than 1.2 can be achieved.

FOR MEDIUM SIZED COMPANIES, MAJOR CORPORATIONS, AND HOSTING SERVICES

The Data Centre Container XL (DCC XL) is targeted at medium-sized companies that have a very high demand for computing power, as well as at large corporations or hosting providers. The equipment can be standardised, so meeting the specific requirements of server farms, which are composed of dozens of containers and which serve entire regions or continents via software services.

Due to the possibility of physically separating server racks and technology, the Rittal DCC XL is especially suited for "private clouds". A high level of physical security is guaranteed: This way, air conditioning technicians can maintain the climate control system, without having to obtain real access to the servers themselves.

NEW ZEALAND UTILITY COMPANY, ORION, USES RITTAL DCC

ENCLOSURES | POWER DISTRIBUTION | CLIMATE CONTROL | IT INFRASTRUCTURE | SOFTWARE & SERVICES

RITTAL CUSTOMER SERVICE 1800 350 665

New South Wales 130-140 Parraweena Road Miranda 2228
Canberra 7/23 Brindabella Circuit Brindabella Business Park Canberra Airport 2609
Victoria Cnr Sharps Road & Assembly Drive Tullamarine 3043
Queensland 2/20 Graystone Street Tingalpa 4173
South Australia 106 Hayward Avenue Torrensville 5031
Western Australia 10 Kenhelm Street Balcatta 6021

FRIEDHELM LOH GROUP

New Zealand electricity network company Orion office building was severely damaged during the Christchurch earthquake in February. The computer room containing Orion's suite of network monitoring and control equipment partially sunk. An adequate alternative solution had to be found in order to safeguard the company's business processes and the city's power supply.

The Rittal Data Centre Container used in Christchurch is the first mobile data centre of this kind in New Zealand. Until Orion builds new premises for its staff and network operations, the data centre container functions for Orion as a transitional solution and thus safeguards the power supply in Christchurch.

COMPANY BACKGROUND

World leader in enclosure and IT infrastructure technology, Rittal continues to expand its product offering with the highest quality, German engineering. Since its inception in Germany in 1961, Rittal has grown from a leading supplier of industrial enclosure and climate control technology to be a provider of complete data centre infrastructure. From racks, power, cooling, remote monitoring and physical security, Rittal is paving the way in data centre technology to create the most energy efficient, secure, future proof data centres on the market.

Rittal Australia & New Zealand has over 100 employees with service and delivery centres in all major main land capital cities (excluding Darwin). Our modification capabilities ensure the perfect fit solution no matter what your application. Rittal Australia & New Zealand is backed by a worldwide tam of 10 000 committed staff, 10 production facilities and 63 international subsidiaries.

Rittal is your local global provider of market leading technology.

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