

FACILITY OVERVIEW

NETVAULT DC9

SYDNEY DATA CENTRE



NetVault Sydney Data Centre

NetVault DC9 is located in the technology zone of Macquarie Park in Sydney. As one of the largest data centres in Sydney, DC9 is run by NextDC under the facility name S2. Built and certified to Uptime Tier IV standards, DC9 delivers 30MW of capacity and unprecedented connectivity options for NSW customers. With an 8kW rack average, DC9 is engineered to support the highest levels of high-density compute requirements—supporting the growth of your business requirements for years to come.

As Sydney's only Uptime Tier IV certified data centre, DC9 delivers your business with the greatest level of business resilience and reliability which is backed by a 100% uptime guarantee.

Delivering direct connections straight to the major public cloud platforms, DC9 directly interconnects to DC4 via a Data Centre Interconnect (DCI) ensuring immediate access to the locally available rich partner ecosystem, delivering customers the greatest level of choice and performance.

MACQUARIE PARK
NSW, AUSTRALIA



NetVault offers three key product pillars to Managed Services Providers (MSPs) and businesses in Australia: Internet, Telephony and Cloud

By utilising its national network of 10 data centres throughout Australia, NetVault is able to offer customised telecommunications solutions to fit the exact needs of businesses small and large. NetVault has the capability to host almost anything in the cloud, with the knowledge and experience to do this both cost-effectively and efficiently.



N E X T D C
where the cloud lives™

NETVAULT
INTERNET | TELEPHONY | CLOUD

NETVAULT DC9 TECHNICAL SPECIFICATIONS

Building

Electrical

- Isolated Parallel Bus
- 1.5MW Piller rotary UPS supported by MTU (Rolls Royce) engines, supporting the entire site load
- 24 hours of fuel stored on-site (minimum), per engine
- 100% UPS backup of entire site included

Fire Suppression & Monitoring

- Fire detection
- Inert gas fire suppression with low pressure release, onsite supply primary and reserve

Amenities

- Support for escorted access and tours
- Assistance with car parking and meeting rooms
- Small package receipt and dispatch
- 24/7 365 support on-site (if required)
- Bookable meeting rooms and AV equipment
- Dedicated office space for long-term private use
- Chill-out and break-out suites equipped with kitchen facilities, coffee and refreshments, TV, lounge, massage chairs and Foxtel
- Equipment staging room
- 2 x 3.5 tonne lifts
- Customer car parking
- Spare parts vending machine
- Crash carts
- Guest Wi-Fi

Facilities

Cooling

- Hot aisle containment, ceiling plenum hot return space
- Stulz in-direct, free cooling CRAC paired with modular cooling tower infrastructure for continued growth
- N+1 independent cooling systems, providing high levels of reliability and industry leading PUE of 1.29 (yearly average) or 1.15 (yearly lowest)
- 24 hours of water stored on-site (minimum)

Security

- Individual credential checks prior to authorisation.
- 24/7 onsite security operations.
- Two factor Biometric fingerprint security for data centre access.
- Anti-cloning access card encryption.
- Secure lifts between floors.
- Intruder-resistant glass, steel mesh and solid concrete walls.
- Secure loading dock for deliveries.
- Extensive coverage by motion sensitive CCTV cameras.
- Remote monitoring and control of rack access via ONEDC®.
- Monitoring of news and weather for external security risks.
- Designed with advice from ASIO T4 accredited consultants and in consideration of ASIO levels of security and the future requirements of the Protective Security Policy framework (PSPF).

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