Next DC Brisbane Data Centre: B2 – A highly interconnected, seamless extension of B1

The first data centre operator in the Southern Hemisphere to achieve a Tier IV Gold Certification of Operational Sustainability award, and the first Asia Pacific colocation data centre to receive Tier IV Certification of Constructed Facility (TCCF) from Uptime Institute, the world's leading independent data centre advisory and certification organisation.

B2 is strategically located in the Fortitude Valley, close to a major electrical substation and significant telecommunications infrastructure, B2 delivers much needed data centre capacity Brisbane organisations demand.
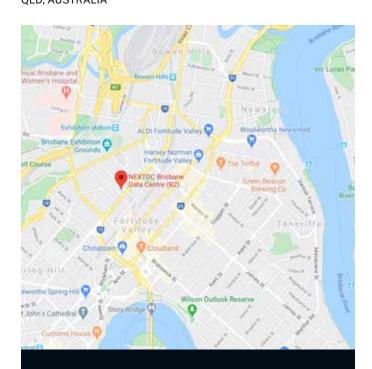
Acting as Brisbane's major hub for connectivity, B2 delivers access to the world's largest computing platforms and enables organisations to connect on-demand to a host of cloud services such as AWS, Microsoft Azure, Google Cloud, Oracle Cloud, IBM Cloud and Alibaba Cloud through AXON.

Surpassing all industry standards for security, erformance, reliability, resiliency and energy efficiency, B2 showcases the latest innovations in data centre design, delivering technical excellence organisations require.

FORTITUDE VALLEY
QLD, AUSTRALIA

NetVault provides specialist cloud services to customers from a wide range of industries. We combine state of the art technologies and equipment to provide a secure, reliable and robust platform which enables us to meet the magic five nines of uptime – 99.999%.

Our clients range from small businesses with ten staff, right to up to large multinational corporations and government departments. NetVvault has the capability to host almost anything in the cloud, with the knowledge and experience to do this efficiently and cost effectively.

Certified System™
ISO 9001:2015
Quality
Management
System

Quality
ISO 9001
SAI GLOBAL

Certified System™
ISO 27001:2013
Information
Security
Management
System (ISMS)

Information
Security
ISO 27001
SAI GLOBAL

NEXT D C
where the cloud lives™

NETVAULT
INTERNET | TELEPHONY | CLOUD

B2 TECHNICAL SPECIFICATIONS

Building

Expansion
- 3,000 m2 of data hall space available for 6MW of client load, with adjacent land to support further expansion
- All critical system components built and operated in N+1 mode – 100% uptime SLA

Fire Suppression & Monitoring
- VESDA fire detection
- Inert gas fire suppression with low pressure release, on-site supply for two data hall-level events

Loading Dock
- Unpacking space, with trash removal
- Staging Rooms, pre-test before move to Data Hall
- Purpose built paths from delivery to Data Hall for rapid install and activation

Products & Services

Carrier & Vendor Neutral
- Multiple street fibre connection pits and dual diverse Interconnect rooms
- Open access for all fibre operators, Carriers, ISPs, MSPs

Cross Connect For Private Connections
- Data Centre Interconnect between B2 and B1
- 1Gb and 10Gb and Fibre PairOpen access for all fibre operators, Carriers, ISPs, MSPs

Ethernet Connectivity Platform, Axon Available
- Providing the full benefits of NEXTDC's private Ethernet
- connectivity
- Single port for multiple application
- Rapid provisioning and de-provisioning
- Carrier marketplace
- Gateway to NEXTDC's entire national ecosystem of public and private cloud, ISP and MSP providers

Facilities

Cooling
- Hot aisle containment, no raised floor
- Stulz in-direct, free cooling CRACS paired with modular cooling tower infrastructure
- N+1 independent cooling systems, providing high levels of reliability and industry leading PUE of 1.34 (yearly average) or 1.25 (yearly lowest)
- 24 hours of water stored on-site (minimum)

Security
- Access control and video surveillance
- Rack access control

Power
- 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 including mechnical for continuous cooling

Amenities

- Front of house & concierge
  - 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
- Chill out room & meeting facilities
  - War room IT migrations, work or take a break on-site
  - Client meetings with NEXTDC support (if required)

NETVAULT
INTERNET | TELEPHONY | CLOUD