

Data Centre Fact Sheet

Homebush Bay, Sydney, NSW

Fujitsu Australia manages and operates numerous high quality, continuously-available data centres across the country. Strategically located in Sydney, Melbourne, Brisbane and Perth, the facilities offer a choice of secure dedicated racks, cages or entire data halls. Globally, Fujitsu operates more than 140 premium data centres with the portfolio continuously growing and keeping Fujitsu firmly in the position of one of the world's leading providers.

Location

- Situated 14 kilometres from Sydney C.B.D
- Low risk neighborhood and adjacent properties.
- Close proximity to major travel routes and public transport.

Electrical System

- Dual 11kV mains feeds via diverse entry points and pathways.
- 2250kVA diesel generators in a minimum N+1 configuration.
- Multiple UPS in a minimum N+1 configuration.
- Dual fuel tanks and redundant pumping system.
- On-site fuel sufficient for 72 hours non-stop operations.
- Site capacity to 6 MVA.

Security

- 24x7 manned security office and personnel check-point.
- Perimeter and vehicular security check-points.
- Digital CCTV monitoring and recording of perimeter and internal access points.
- Single person interlock entrance to data hall.
- Biometric and proximity card access points to data hall and other secure areas.

Building

- Purpose built two level data centre, constructed in 1988, refurbished in 2007 & 2010.
- Sole tenanted and fully managed by Fujitsu Australia.
- 1:100 natural disaster event resilience.
- 2-hour fire rating on data hall doors, walls and windows.
- Absence of external windows and signage.

Mechanical System

- Energy efficient hybrid plant in a minimum N+1 configuration.



- Closed loop chilled water piping system installed in diverse underfloor runs.
- Underfloor pipe manifolds to support in-row high-density cooling solutions.
- N+1 CRAC unit placement providing hot/cold aisle cooling.
- Underfloor leak detection and off-floor drainage system.
- Mechanical system supported by diesel power generation.

Data Hall

- 3 data halls covering 2600 m2.
- 600mm raised floor.
- Floor to ceiling clearance of 3 metres.
- Under floor supply air plenum.
- Floor load rating of 1400kg per rack.
- Earthing grid.

Sustainability Initiatives

- PUE monitored and reported.
- High performance closed loop chilled water systems.
- Rain water re-use for grounds and gardens.
- Sensor lighting installed in data hall.
- 4 star NABERS rated.

Operating Environment

- Supply Air temperature range of 18-27 degrees celsius.
- Supply Air Humidity Range 30 – 70 %.
- PUE of <1.5
- Greater than 99.982% uptime on all infrastructure.

Telecommunications

- Carrier neutral for complete flexibility.
- Diverse secure routes from street to node.
- All major carriers present.
- Cloud connectivity.
- Fujitsu national network.

Fire System

- VESDA early warning smoke detection.
- Dry-pipe, pre-action suppression.
- Targeted zoned sprinkler system.
- Multi-hour fire rating and separation of data halls and infrastructure areas.

Maintenance and Support

- All infrastructure monitored 24x7 by a nationally integrated BMS and Central Command Centre.
- Core infrastructure tested and maintained to manufacturers guidelines or better.
- 24/7 On Site Facility Engineers.

Client Amenities

- Online secure portal for lodgment of requests.
- 24x7 loading dock for shipping and receiving.
- Lifting and moving equipment.
- Free onsite parking area for 30 vehicles.
- Conference and work area.
- Lounge and kitchen.
- Free on site waste disposal and recycling.

Certifications

- ISO-27001 Information Systems Security Management.
- ISO-14001 Environmental Management Systems.
- ISO-9001 Quality.
- PCI compliance compatibility.
- ISO 45001 WHS Safety Management System.
- SOC2 Security and Availability.



Services Available

Co-location Only Floor Space

Facility managed raised data floor space in sizes from single cabinets to hundreds of square metres.

Cloud Connections

Direct third party cloud connectivity.

Project Services

Relocations and transitions project managed by Fujitsu's experienced project services team.

Implementation Services

Advice on world's best installation practices ensuring efficient use of floor space and services.

On-site Services

Field services support. Security supervision and escorting.

Media Management

Scheduled media changing and off-site vaulting.

Reporting

Service level, site access, power usage reporting.

Sustainability

Complimentary advice and ongoing support to maximise energy efficiency.

Contact

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