

# Data Centre Fact Sheet

## Greystanes, Western 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 40 kilometres from Sydney C.B.D.
- Close proximity to major travel routes.
- Low risk neighborhood and adjacent properties.

### Electrical System

- Dual 33kV HV feeds via diverse entry points and pathways.
- Multiple 2300kVa Diesel Rotary UPS's, in minimum N +1.
- Dual fuel tanks and redundant pumping system.
- On-site fuel storage for 72 hours non-stop operations. Site capacity to 60 MVA.

### Security

- 24x7 manned security office and personnel checkpoint.
- Perimeter and vehicular security check-points.
- Palisade perimeter fencing.
- Digital CCTV monitoring and recording of perimeter and internal access points.
- Single person interlock entrance to data hall areas.

### Building

- Purpose built multi-level data centre, constructed in 2011.
- 1:150 natural disaster event resilience.
- Sole tenanted and fully managed by Fujitsu Australia.
- 4-hour fire rating on all data hall doors, walls and windows.
- Absence of external signage.

### Mechanical System

- Energy efficient hybrid plant in a minimum N+1 configuration with free cooling option.
- Closed loop chilled water piping system installed in diverse underfloor runs.



- Underfloor pipe manifolds to support in-row high-density cooling solutions.
- 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

- 9 data halls covering 9000 m2.
- 900mm raised floor and 900mm return air plenum.
- Floor rating to 1400kg.
- Earthing system.
- Floor to ceiling clearance of 4 metres.

## Sustainability Initiatives

- PUE monitored and reported.
- High performance closed loop chilled water systems.
- Sensor lighting installed in data hall.
- 4 star NABERS rated. Free on site waste disposal and recycling.

## Operating Environment

- Ambient temperature range of 22-24 degrees celsius.
- Relative humidity range of 30-70%.
- PUE of <1.5.

## 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 components monitored 24x7 by a nationally integrated BMS and Central Command Centre.
- Core infrastructure tested and maintained to manufacturers recommendation or better.
- Load banks utilised for testing.
- 24x7 onsite facilities 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 50 vehicles.
- Conference and work area, lounge and kitchen.

## Certifications

- ISO-27001 Information Systems Security Management.
- ISO-14001 Environmental Management Systems.
- ISO-9001 Quality Management Systems.
- PCI DSS.
- SOC2 Type2.



## 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

DC.Hosting@au.fujitsu.com  
www.fujitsu.com/au

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