

# Data Centre Fact Sheet

## North Ryde, 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 12 kilometres from Sydney C.B.D.
- Close proximity to travel routes and public transport.
- Low risk neighborhood and adjacent properties.

### Electrical System

- Dual 11kV mains feeds via diverse entry points and pathways.
- 5 x 2500kVA diesel generators in a minimum N+1 configuration.
- 12 x 500kVA Static UPS in N+1.
- Dual fuel tanks and redundant pumping system.
- On-site fuel storage sufficient for 72 hours non-stop operations.
- Site capacity to 4.8 MVA.

### Security

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

### Building

- Purpose built single level data centre constructed in 2001.
- Sole tenanted and fully managed by Fujitsu Australia.
- 1:100 natural disaster event resilience.
- 2-hour fire rating on all data hall doors, walls and windows.
- Absence of external windows and signage.
- Segregated plant and equipment areas.



### Mechanical System

- Energy efficient cooling plant with N+4 air handling units.
- Fresh air free cooling option.
- Underfloor leak detection and off-floor drainage system.
- Mechanical system supported by diesel power generation.

### Data Hall

- Single 3600m<sup>2</sup> data hall.
- 750mm raised floor.
- Floor rating to 1400kg per rack.
- Earthing system.
- Floor to ceiling clearance of 3m.

## Sustainability Initiatives

- PUE and monitored and reported.
- Sensor lighting installed in data hall.
- 3.5 star NABERS rated.
- Supply air economy cycle.
- Complimentary sustainability consulting and ongoing support.
- Reporting of energy and emissions data.

## Operating Environment

- Ambient temperature range of 22-24 degrees Celsius.
- Relative humidity range of 30-70%.
- PUE of <1.6.
- 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.
- Smoke and fire detection installed under and above floor.
- Dry-pipe, pre-action fire protection within data halls

## Maintenance and Support

- All infrastructure components monitored 24x7 by an integrated BMS and Central Command Centre.
- Core infrastructure tested and maintained to manufacturers recommendation or better.
- Load banks used during maintenance.

## 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.
- Break Area with amenities.
- On site waste disposal and recycling.

## Certifications

- ISO-9001 Quality Management Systems.
- ISO-14001 Environmental Management System.
- ISO-27001 Information Systems Security Management.
- PCI compliance compatibility.



## 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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