

# Data Centre Fact Sheet

## Noble Park, Melbourne, VIC

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 24 kilometres south east from Melbourne C.B.D.
- Low risk neighborhood and adjacent properties.
- Close proximity to major travel routes.

### Electrical System

- Dual 8MVA mains feeds via diverse entry points and pathways.
- Diesel Rotary UPS in N+1 configuration.
- Static UPS in N+1 configuration.
- On-site fuel storage for 72 hours non-stop operations.
- Site capacity to 12MVA.

### Security

- 24x7 manned security office and personnel check-point.
- Perimeter and vehicular security check-points.
- Digital CCTV monitoring and recording of all access points.
- Proximity card access points to data hall and other secure areas.
- No external windows or signage.
- 24x7 unescorted access permitted to authorised personnel.

### Building

- Purpose built in 1988 and upgraded between 2010 - 2015.
- Fully owned and managed by Fujitsu Australia.
- Segregated plant and equipment areas.
- 1:100 natural disaster resilient site.
- 2-hour fire rating on all data hall doors, walls and windows.
- Absence of external windows and 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 highdensity 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

- Single 3600m2 data hall.
- 750mm raised floor.
- Floor rating to 1400kg per rack.
- Earthing system.
- Floor to ceiling clearance of 3m.

## Sustainability Initiatives

- PUE and DCIE monitored and reported.
- Sensor lighting installed in data hall.
- 4 star NABERS rated.
- Heat reflective painted roof, grey water used on grounds.
- Complimentary sustainability consulting and ongoing support.
- Reporting of energy and emissions data.
- 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 <1.6.
- 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.
- 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 national integrated
- BMS and Central Command Centre.

- Monthly testing and servicing.
- 24x7 contact and escalation point.

## 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.

## Certifications

- Uptime Institute M & O.
- ISO-27001 Information Systems Security Management.
- ISO-14001 Environmental Management Systems.
- ISO-9001 Quality Management Systems.
- 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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