Data Centre Fact Sheet
Malaga, Perth, WA

FUJITSU

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 15 kilometres from Perth C.B.D.
- Close proximity to travel routes and public transport.
- Low risk neighborhood and adjacent properties.

Electrical System
- Dual 22kV mains feeds via diverse entry points and pathways.
- Diesel Rotary UPS in a minimum N+1 configuration.
- Dual fuel tanks and redundant pumping system.
- On-site fuel storage for 72 hours non-stop operations.
- Site capacity to 5 MVA.

Security
- 24x7 manned security office and personnel check-point.
- 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.
- Proximity card access points to data hall and other secure areas.

Building
- Purpose built 2-level data centre, constructed in 2009.
- 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.

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 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
- 8 data halls covering 3500 m2.
- 700mm raised floor, ceiling clearance of 3 metres.
- Floor rating to 1400kg per m2 per rack.
- Earthing grid.

Sustainability Initiatives
- PUE monitored and reported.
- High performance closed loop chilled water systems.
- Sensor lighting installed in data hall.
- 3.5 star NABERS rated.

Operating Environment
- Ambient temperature range of 22-24 degrees Celsius.
- Relative humidity range of 30-70%.
- PUE of <1.7.
- 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.

Fire System
- VESDA early warning smoke detection.
- Dry-pipe, pre-action suppression.
- 2 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 suggestion 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.
- Lounge and kitchen.

Certifications
- ISO-27001 Information Systems Security Management.
- ISO-14001 Environmental Management Systems.
- ISO-9001 Quality.
- FANZ-18001 Occupational Health and Safety.
- 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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