



Next DC Melbourne Data Centre: M2 – A highly interconnected, seamless extension of M1

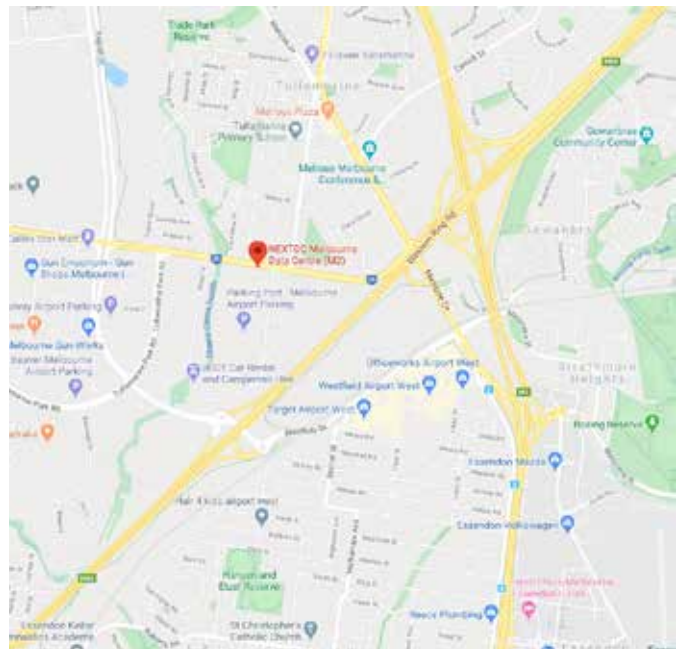
The first Victorian data centre to receive Tier IV Certification of Constructed Facility (TCCF) from Uptime Institute, the world's leading independent data centre advisory and certification organisation.

Strategically located in Tullamarine, close to major transport and telecommunications infrastructure, M2 delivers significant data centre capacity that Melbourne based organisations demand.

Acting as Melbourne's major hub for connectivity, M2 delivers access to the world's largest cloud computing platforms and enables organisations to connect on-demand to a host of cloud services such as AWS, Microsoft Azure, Google Cloud, Oracle Cloud, IBM Cloud and Alibaba Cloud through AXON.

As Melbourne's newest and most highly connected independent data centre, M2 will boast 15,000m2 of high density technical space and will scale to a target capacity of 40MW at full fit-out. Surpassing all industry standards for security, performance, reliability, resiliency and energy efficiency, M2 showcases the latest innovations in data centre design, delivery the technical excellence organisations require.

TULLAMARINE
VIC, AUSTRALIA



NetVault provides specialist cloud services to customers from a wide range of industries. We combine state of the art technologies and equipment to provide a secure, reliable and robust platform which enables us to meet the magic five nines of uptime – 99.999%.

Our clients range from small businesses with ten staff, right to up to large multinational corporations and government departments. NetVault has the capability to host almost anything in the cloud, with the knowledge and experience to do this efficiently and cost effectively.



Quality
ISO 9001
SAI GLOBAL



Information
Security
ISO 27001
SAI GLOBAL



N E X T D C
where the cloud lives™

NETVAULT
INTERNET | TELEPHONY | CLOUD

M2 TECHNICAL SPECIFICATIONS

Building

Expansion

- Stage 1 provides 10,000m2 of data hall space available for 25MW of client load, with Stage 2 to expand by 5,000m2 and 15MW
- All critical system components built and operated in N+1 mode – 100% uptime SLA

Fire Suppression & Monitoring

- VESDA fire detection
- Inert gas fire suppression with low pressure release, on-site supply for two data hall-level events

Loading Dock

- Supports large scale delivery of IT equipment
- Unpacking space, with trash removal
- Staging Rooms, pre-test before move to Data Hall
- Purpose built paths from delivery to Data Hall for rapid install and activation

Products & Services

Carrier & Vendor Neutral

- Multiple street fibre connection pits and dual diverse Interconnect rooms
- Open access for all fibre operators, Carriers, ISPs, MSPs

Cross Connect For Private Connections

- Data Centre Interconnect between M2 and M1
- 1Gb and 10Gb and Fibre PairOpen access for all fibre operators, Carriers, ISPs, MSPs

Ethernet Connectivity Platform, Axon Available

- Providing the full benefits of NEXTDC's private Ethernet connectivity
- Single port for multiple application
- Rapid provisioning and de-provisioning
- Carrier marketplace
- Gateway to NEXTDC's entire national ecosystem of public and private cloud, ISP and MSP providers

Facilities

Cooling

- Hot aisle containment, no raised floor
- Vertiv evaporative free cooling units
- N+1 independent cooling systems, providing high levels of reliability and industry leading PUE of 1.28 (yearly average) or 1.10 (yearly lowest)
- 24 hours of water stored on-site (minimum)

Security

- Access control and video surveillance
- Remote rack access control

Power

- Isolated Parallel Bus
- 1.5MW Piller rotary UPS supported by MTU (Rolls Royce) engines, supporting the entire site load
- 24 hours of fuel stored on-site (minimum), per engine
- 100% UPS backup of entire site including mechanical for continuous cooling

Amenities

- Front of house & concierge
- Support for escorted access and tours
- Assistance with car parking and meeting rooms
- Small package receipt and dispatch
- 24/7 365 support on-site if required
- Chill out room & meeting facilities
- Work or take a break on-site
- Client meetings, with NEXTDC support if required

This document is correct at the time of printing and is for presentation purposes only. This document does not constitute an offer, inducement, representation, warranty, agreement or contract. All information contained in this document (including all measurements, photographs, pictures, artist's impressions and illustrations) is indicative only and subject to change without notice. NetVault, its employees, representatives, consultants and agents make no representations or warranties as to the accuracy, completeness, currency or relevance of any information contained in this document and accept no responsibility or liability whatsoever for any discrepancy between the information contained in this document and the actual data centres or services provided or for any action taken by any person, or any loss or damage suffered by any person, in reliance upon the information contained in this document.