



# Digital Deer Park

72 RADNOR DRIVE, DEER PARK, MELBOURNE, VIC 3023, AUSTRALIA

- Uptime Institute Tier III Design and Construction Certified
- Free cooling system delivers an industry-leading PUE (<1.3)
- Connectivity to your choice of carriers, cloud providers and partners across our global network of internet and carrier exchanges



**DIGITAL REALTY**

# Digital Deer Park: A Digital Realty Data Centre

## THE FACILITY

The 3.00 hectare site is approximately 16km North West of Melbourne CBD and offers excellent diversity from a power and connectivity perspective.

The first facility was completed in late 2012 and is presently fully leased to a leading Australian bank. The second facility launched in late 2013.

- Demonstrated five nines (99.999%) uptime since 2007
- Uptime Institute Tier III design and construction certified
- Demonstrated industry leading PUE of <1.3 with zero water usage
- Roof top free-air cooling and air handling units operating in an N +1 combination of roof mounted free-air cooling Air Handling units and perimeter refrigerant systems per data hall configuration per 1440kW data suite
- True 2N electrical distribution paths
- Comprehensive facility security meets ASIO, PCI and relevant ISO security classifications

## THE SITE

- Over 13,000m<sup>2</sup> of purpose built data centre development over two phases
- Approximately 6,000m<sup>2</sup> of dedicated data centre space at 1,500W/m<sup>2</sup> density across six data halls



### 98 Radnor Drive

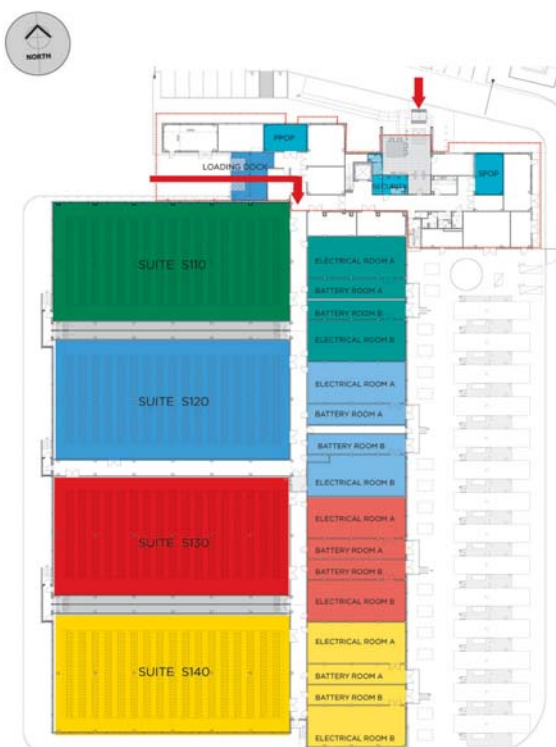
Leased in its entirety to a leading Australian bank



### 72 Radnor Drive

- Concrete single (1) storey
- 8 690m<sup>2</sup> (86,327 sq ft) building
- 3, 40m<sup>2</sup> (41,320 sq ft) white space
- Concrete roof with mechanical plant

## SITE PLAN



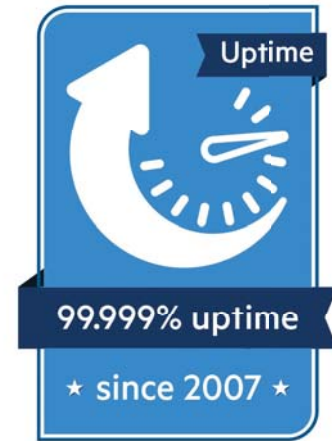
Photography and plans for indicative purposes only, plans are not to scale.

## 99.999% Uptime

Digital Realty data centres have achieved “five nines,” or 99.999% uptime for the 12th consecutive year since 2007.

Digital Realty surpassed 2.1 billion operating minutes across its 210+ properties, encompassing approximately 30 million square feet in 35 metropolitan areas around the world.

Uptime metrics are based on a comprehensive evaluation of data centre suites owned and operated by Digital Realty worldwide, using standard industry methodology. Total operational minutes were prorated per year for each data centre suite, beginning on the commissioning date, from the start of 2007 through 2018.



## SPECIFICATIONS

### COOLING

- Climate analysis has proved the site is ideal for a free air cooling solution
- Master-planned for multiple combination of roof mounted free-air cooling Air Handling Units and perimeter based high efficiency free cooling pumped refrigerant systems per data hall operating in a N+1 configuration
- Designed in accordance with ASHRAE TC9.9 2011 Class A1 recommended conditions with underfloor air supply
- DSE (rooftop condenser with free cooling economizers) operating in an N + 1 configuration per 2.4MW Turn Key Flex Design
- PUE: 1.3 – 1.5 design



### POWER

- Master-planned for 12 MVA of power delivered by 22 kV service through diverse routes
- Power is derived from the nearby Sunshine substation
- 2N electrical distribution paths throughout the site with dedicated N+1 continuous rated generators



### CONNECTIVITY

- Excellent connectivity to the site with multiple carriers, including dark fibre providers in the vicinity with diverse routing
- Diverse underground entry points to the building
- Diverse Point-of-Presence rooms

### SECURITY

- Premises monitored by security camera 24 x 365 with digital recording and archiving
- Dual authentication access to the data centre with biometric scan and card key access control
- Onsite security personnel 24 x 365
- Security systems meet the requirements of ISO9001, ISO14001, ISO27001, SOC: 1 and SOC: 2
- PCI compliant facility
- Capability to meet SCEC and ASIO T4 security requirements – Intruder Resistant and Secure Area criteria



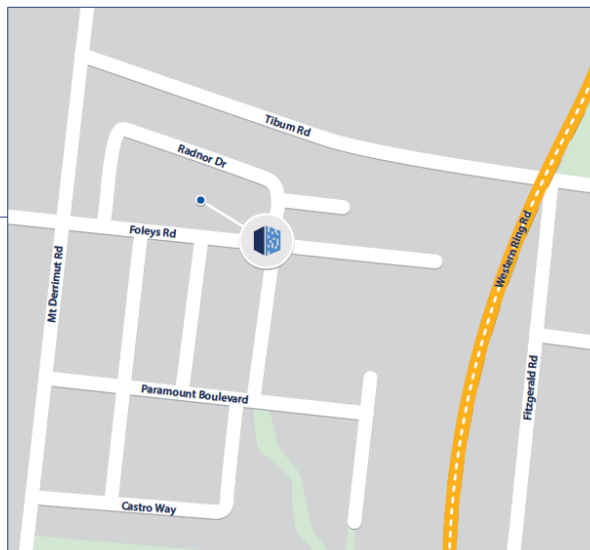
# Home of the Digital Cloud

## LOCATION

Located on discrete plots, the site is approximately 16km west of Melbourne CBD and offers excellent diversity from a power and connectivity perspective.

## TRAVEL TIMES

- From Melbourne CBD 20 mins
- From Melbourne Airport 30 mins



## ABOUT DIGITAL REALTY

Digital Realty supports the data centre colocation and interconnection strategies of more than 2,300 firms across its secure, network-rich portfolio of data centres located throughout North America, Europe, Asia and Australia. Digital Realty's clients include domestic and international companies of all sizes, ranging from financial services, cloud and information technology services, to manufacturing, energy, gaming, life sciences and consumer products.  
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