# OCDC.

## OMNIconnect Data Centre.

**OCDC Sales and Enquiries.**
1300 662 457
enquiries@omniconnect.com.au

**OCDC Location.**
14 Elite Way Carrum Downs Victoria Australia

## Company Overview.

OMNIconnect Pty Ltd (OMNIconnect) is a Licensed Telecommunications Carrier who provide co-location and managed hosting from its wholly owned and operated data centre located in Carrum Downs, Victoria.

In addition to this, OMNIconnect has built and manages its own microwave, fibre and DSL network throughout Victoria. This network spans a large area from the Grampians, Ballarat and Bendigo right into the heart of Melbourne metro and CBD, and continuing on through South Gippsland.

OMNIconnect is a unique company, focused on providing tailored products to a niche market who desire a flexible solution to their current and future data centre and private network needs.

The company benefits from a long established and stable team of dedicated and flexible personnel who focus on developing relationships and solutions that meet existing and prospective customer needs.

Since its establishment in 1997, OMNIconnect has developed a skilled team with direct knowledge of the IT industry and unique technical skills. The Company's management team include Peter Hutton – Managing Director, Graeme Lee – Technical Administrator, and Adam Papworth – Manager of Online Services.

The OMNIconnect Data Centre (OCDC) is located within Carrum Downs, Victoria. Comprising of three data suites, it has the current capacity to hold a total of 60 racks.

## The OMNIconnect Data Centre (OCDC).

To meet the growing need for data centre space, OMNIconnect recently expanded its data centre by adding two additional data suites, increasing the original rack footprint to accommodate an additional 48 racks.

Promoted as a 'boutique' data centre because of its footprint, innovation, and niche customer base, the OCDC is strategically located 35km outside of the CBD 'risk zone'. Due to its diverse network paths from fibre (Optus and Telstra) and microwave (OMNIconnect), the OCDC provides an ideal disaster recovery centre while still providing fast and easy access from the city via the newly constructed EastLink freeway, and the soon to be completed Peninsula Freeway.

As one of the newest data centres in Australia, the OCDC was built to be environmentally responsible by choosing 'green' technologies including efficient fresh air economised cooling, and its own rainwater collection and filtration system.

The OCDC is secured by RFID readers and biometric locks on all doors together with a spiked 2.4m full perimeter fence and gates. Access is always escorted by OMNIconnect staff to provide our customers with the security they require. Remotely accessible security surveillance cameras are installed at all points of egress/ingress.

## OCDC facts at a glance.

| | |
|---|---|
| **Location:** | **Carrum Downs, Victoria Australia** |
| **SLA:** | **99.98%** |
| **Rack Space:** | **60+** |

☑ **Location** - Outside of the CBD 'risk zone', 35 km/40 minutes from the city via the EastLink freeway.
☑ **Connectivity** - Diverse fibre paths via Optus and Telstra , diverse microwave via OMNIconnect's own network
☑ **Power** - Built to accommodate up to 7kW load for standard racks and 15kW load per high density rack
☑ **99.98% Uptime SLA**
☑ **Remote Hands** - Up to 10 free 'Remote Hands' business hour events per rack per month.
☑ **Solid Floors** - Greater security, floor loading, safety and cooling capacity
☑ **Easy Access and Parking** - Free
☑ **Security** - Logged Biometric, RFID and PIN code access; spiked 2.4m perimeter security fence; VESDA smoke detection; Remotely monitored surveillance.
☑ **Stability** - Company owned facilities and infrastructure.

Data Suite 3 Entry

## OCDC Details.

**Network.**
Carrier fibre connectivity from Optus and Telstra are delivered to the OCDC via diverse physical paths and pits. In addition to fibre, OMNIconnect's own microwave network is available to provide even further diversity.
OMNIconnect maintain a carrier neutral policy allowing customers to pick and choose their preferred comms provider.

**Power.**
- Up to 15Kw/rack available
- Redundant Diesel Generators
- Redundant UPS
- 10,000L Fuel Storage On-Site

**Security.**
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**OCDC Environment.**
- Redundant Air Conditioning
- Economised Free Cooling
- VESDA Fire detection
- Secure warehouse space for equipment storage

**Hot Desks.**
Technicians working on site can make use of 'hot' desks that are available at the OCDC. These 'hot' desks allow co-location customers' staff and/or contractors to work comfortably while locally configuring equipment.

**Monitoring.**
Power, Bandwidth, Environmentals and Video Surveillance monitoring is available via web based portals and reports to all of OMNIconnect's colocation clients.

**Tier III.**
The OCDC is built to a Tier III standard, which includes:
- redundant power, cooling and network
- redundant diesel generators and battery UPS
- multi-homed with Optus, Telstra and PIPE
- N+1 cooling
- 99.98% SLA

Strictly speaking, the Tier III specification recommends a raised floor. However, after evaluating the disadvantages of raised floors (such as limited floor loading, compromised security, restricted cable access and power distribution, reduced headroom and airflow), OMNIconnect, like a growing number of modern data centres have opted for a solid floor throughout the facility. Equipment can be easily

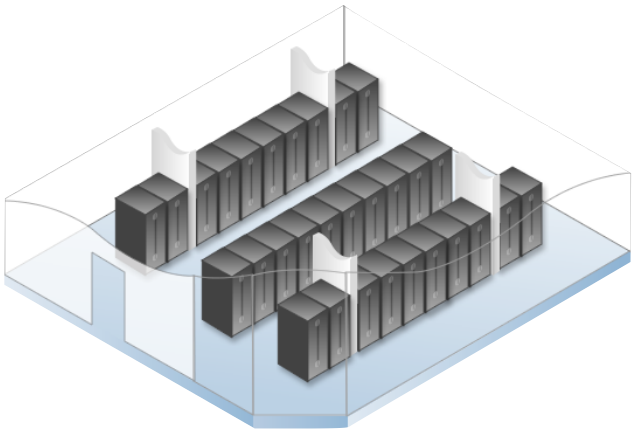
trolleyed from a loading dock through to the suite without having to traverse difficult ramps, lifts or low doorways. Cooling is then delivered directly from above the racks, allowing cool air to naturally fall in front of the racks, reducing the likelihood of 'hot spots'.

**Access.**
The OCDC is located at the end of the EastLink freeway and has complimentary secure off street parking that allows convenient access day or night. Ample free street parking is also available within metres of the facility. Escorted access is available 24/7 and can be arranged in as little as 30 minutes.

**Environmentally Responsible.**
The OCDC was built to be environmentally responsible while also being capable to support a 15kW load in one of our high density racks. In order to balance these 2 responsibilities, we have chosen 'green' technologies including efficient fresh air economised cooling, energy efficient "80 Plus" power supplies and our own rainwater collection and filtration system. Power is monitored via a wireless mesh network of smart power cables and charged to customers per kW, allowing for a fair 'pay for use' policy. This encourages our clients to be more selective in choosing efficient hardware. They also have the advantage of lower rack costs for more efficient or cold standby equipment.

**Support.**

- 24/7 Email Support via support@omniconnect.com.au
- Access available to Data Centre 24/7 x 365 by appointment
- 24/7 NOC contact number



Data Suite 3 - Isometric Drawing

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