



**Pier DC**  
Western Australia



## **Pier DC Overview For SMBIT**

### **QP3603**

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## BACKGROUND OF PIER DC AS AN ORGANISATION

Pier DC is the brainchild of Dr James Young and Albert Wong - electrical engineers with entrepreneurial qualities and relevant industry experience.

The two founders envisioned a world-class Data Centre as the foundation of innovative cloud concepts such as Data Centre as a Service (DCaaS), pay-as-you-go, and consumption based pricing model to enable private and public cloud IaaS, PaaS and SaaS.

### Location

A non-descript building with a front office, the Pier DC Data Centre is located within the industrial area of Canning Vale, 20 kilometres from the Perth CBD.

The Data Centre is retrofitted to an existing warehouse which allowed Pier DC to minimise construction costs, so that the focus would be on operational excellence and sustainability rather than cosmetics and venture capitalist appeal.

### Tier III certification

The Data Centre is designed by Accredited Tier Designers Albert Wong and Dr. James Young to meet Tier III/IV classification, with the aim to achieve 'Tier Certification of Design Documents', 'Tier Certification of Constructed Facility' and 'Tier Certification of Operational Sustainability' classifications throughout the commissioning phase. Uptime Institute LLC has been engaged to certify the design documents and the constructed Data Centre facility in accordance with their requirements.

### Unique selling points

Pier DC designed the facility incorporating the latest systems and equipment available, and can leverage any improvements and efficiencies as they become available.

#### Capacity & Availability

- Two separate Data Halls with total 183 racks, ready to occupy now
- Up to 8MW Western Power grid power available
- Guaranteed capacity to grow. Stage 2 construct (216 racks) planned for Qtr 3, 2016.
- Private and public cloud roadmap
- Managed services available

#### Security

- An anonymous profile to passing traffic
- No visibility/information online
- PSPF (Protective Security Policy Framework) Zone 4 ready – upgradeable to Zone 5 security.

### **Flexibility and Versatility**

- Design input from tenants (data hall layout and associated service areas)
- Customisable private data centres
- Full service offering including Business Continuity
- Advanced and proven technology deployment
- Carrier and vendor neutral
- Access to cloud service providers such as Azure, Amazon, IBM and Rackspace

### **High Performance**

- Facility management and maintenance by accredited team who design and construct the facility.
- Performance guarantees