

"Our Harbour MSP environment just keeps running and our service delivery manager makes everything easy."

Head of IT
SaaS Company

"We like the 'pay for only what you use' model ... we believe we get the best cost base by combining in-house support and selective outsourcing to Harbour MSP."

Head of IT
Global Investment Bank

Contact

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Don't try to do it all yourself.

Reduce your costs and boost your peace of mind with Harbour MSP colocation services.

Colocation makes exceptional business sense. These days, the economies of scale achieved in a purpose built data centre far outweigh the benefits of trying to keep it all under your own roof.

At Harbour MSP, our state-of-the-art, carrier neutral data centres offer significant cost savings and exceptional reliability and security.

More options for your business

Harbour MSP colocation services come in a flexible range of power and cooling options to support anything from one rack unit devices to the most powerful blade server or storage enclosures.

Optional additional services in the data centre include smart hands and feet, managed infrastructure and utility (cloud) services.

Harbour MSP data centres

Our purpose built data centres and managed colocation services offer significant operational advantages over keeping it in-house. They also offer a lower, fixed cost of ownership.

Availability

Many organisations simply grind to a halt when their IT infrastructure is struck by power outages. When your IT operations are collocated within our data centre, it's business as usual.

Harbour MSP data centres are built to the highest levels of availability (99.999%) and reliability.

Security

Security requires careful management. You need to keep the bad guys out but make it easy for the good guys to do their job.

Harbour MSP data centres have multiple layers of security; while giving you and your technology partners the access you need.

Connectivity

Data centres are major traffic hubs, attracting a huge range of service providers all competing to win your business.

Harbour MSP facilities offer significant cost savings on connectivity – you can expect to save 20–40% on the cost of a circuit delivered to our data centre versus an office-based facility. Or you can use our managed internet services. The choice is yours.

Power density

Modern IT equipment like blade servers and storage are hungry for lots of power in a small space. Yet many IT environments are not built to cope.

All Harbour MSP data centres are built for power-hungry IT environments. Our data centres can power and cool equipment in measures of up to 30 kW in single rack without operational risk.

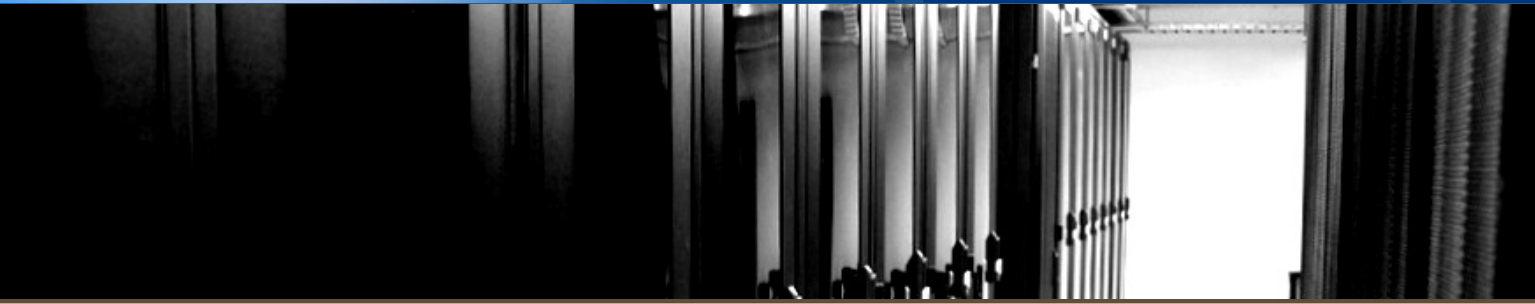
Energy efficiency

Our data centres are purpose-built for energy efficiency, and are typically 20–40% more efficient than office-based facilities.

This is due to our efficient internal distribution systems, and our connection to the national grid via high voltage cable.

Contact us

To learn more about our colocation services, please contact Harbour MSP today.



Benefits

Highly available

- * Redundant systems
- * UPS back up power

Secure

- * Stringent security
- * Secure, simple user access

Connected

- * Multiple carriers
- * Diverse meet me rooms

High Power density

- * From 1.0 kW per rack
- * Up to 30 kW per rack

Energy efficient

- * Greener power

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Facility	Global Switch	Changi, Singapore
Performance	Availability Average power density Rack power Temperature Humidity	99.995% - Uptime institute - Tier 3 fault tolerant and concurrently maintainable Up to 850 watts/m2 for power for air-conditioning From 1.0 kW to 30 kW in 1.0 kW increments Constant 22 degrees Celsius +/- 2oC. Relative humidity 50% +/- 10% at control instruments.
Power systems	Electrical authority supply Internal supply UPS and standby power UPS configurations Generator back up Generator fuel capacity	Redundant 22 kV cables from switching station and internal 33/11 kV transformers Redundant A+B supply distributed at 415V Busbar Static bypass transfer system N+1 or N+N with battery reserve up to 15 minutes 12 x 2MVA diesel generators 24 hours fuel capacity onsite with 24 x 365 fuel delivery callout
Security and access	Entrance Access request CCTV monitoring Alarm systems Building access delivery Rack security	Barrier controlled vehicle entry Revolving access doors with personnel security trap Door access controls on all technical area Online self service portal based system Full coverage of exterior, entryways, lifts, stairs and site interior 28-day digital system access with fully staffed security control room Intrusion detection on all doors, glass breakage sensors and motion detectors for CCTV Secure managed delivery and dock loading area Loading bay, goods lift with 3.5 tonnes capacity to all technical floors Individual pin lockable racks as standard. Biometric also available.
Cooling	Design Distribution Cooling tower water supply Cooling water distribution Chiller power supply Control	Redundant, N+1, condensed water cooling system Up to 10 cooling towers at roof level supplying 850 watts of cooling per m2 Redundant cooling tower water supply feeds Redundant condensed water distribution pipe work (ring main type) Chillers provided with continuous power from UPS Close control units provide air conditioned air to technical space
Fire detection and suppression	Design Smoke detection Gas Fire sprinklers Fire extinguishers	Analogue addressable fire detection system in all areas VESDA in technical space and plant area Inergen / FM 200 gas distribution Dry pipe sprinkler system to the technical areas with water ingress protection Fire extinguishers throughout with CO2 extinguishers on the technical floors
Telecommunications	Meet me rooms Carriers Cabling Roof space	Two diverse meet me rooms 14 Carriers Multiple connections to each suite and cable tray to all risers Available for satellite and antenna equipment
Building	Gross area Technical area Technical height Structure Access Flooring Floor loading Passenger lifts Good lifts Parking Public transport	22,043 m2 400 rack spaces 4.1 m from raised floor to ceiling Steel frame with concrete floors and metal faced cladding and glazing Can accommodate 600 mm clear depth access flooring throughout technical areas Typical loading of 7.5 kN/m2 2 x 1.7 tonnes 2 x 3.5 tonnes Parking building 100 metres Monorail 50 metres
Building management System	Staffing System	Dedicated 24 x 365 facilities management team Monitors all building processes