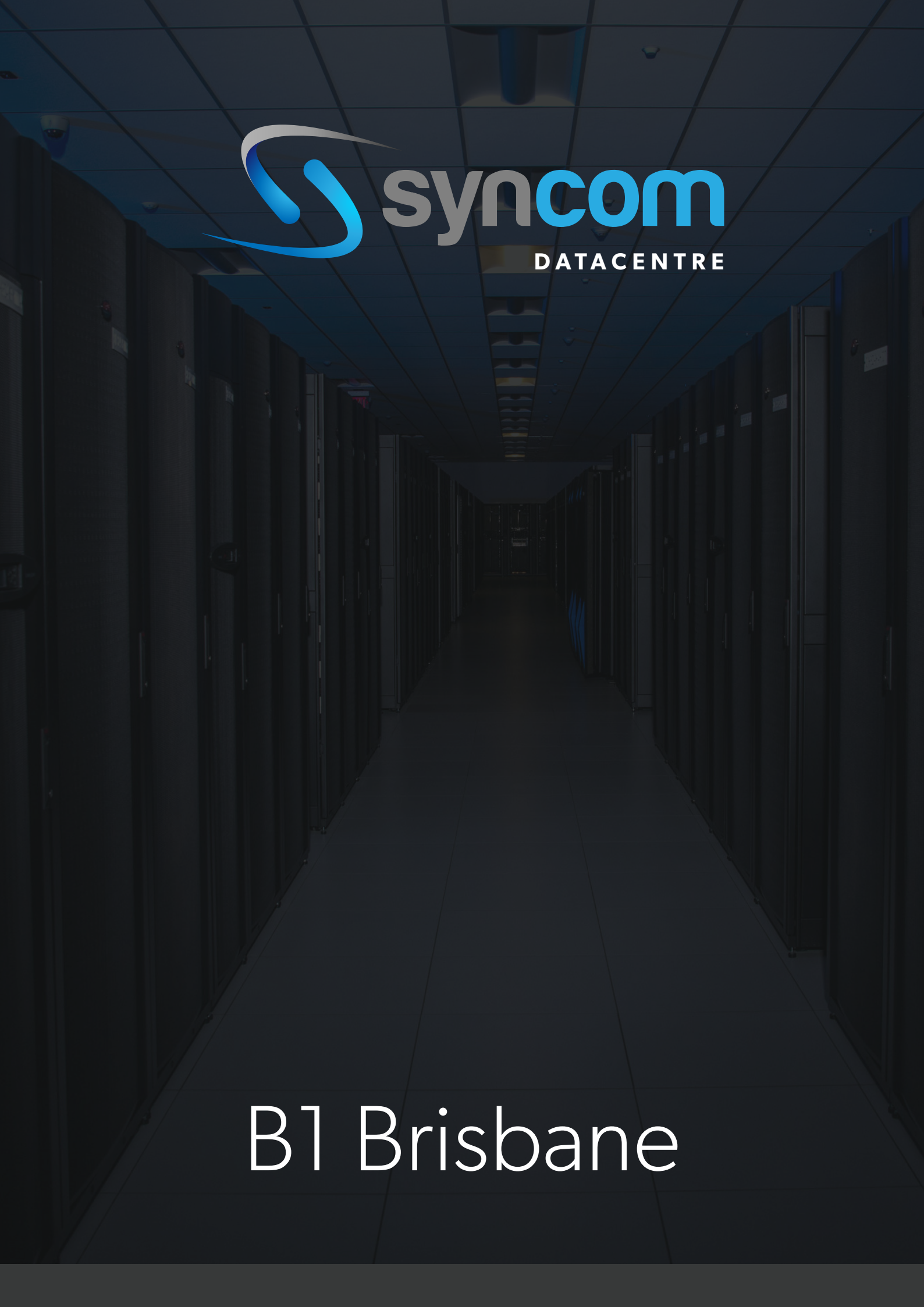
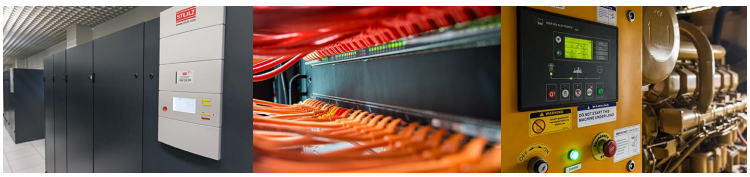


B1 Brisbane



B1 Brisbane

Facility	Syncom Datacentres	Milton
Performance	Availability	99.995% - Uptime Institute - Tier 2 Plus fault tolerant and concurrently maintainable
	Average power density	Up to 3600 watts/m^2
	Rack power	From 1.0kW to 5kW in 1.0kW increments
	Temperature	Constant 22°C +/- 2°C
	Humidity	Relative humidity 50% +/- 10% at control instruments
Power systems	Electrical authority supply	1x1MVA transformers on diverse feeds (2x1)
	Internal supply	Redundant A+B supply distributed at 415V Busbar
	UPS and standby power	Static bypass transfer system
	UPS configurations	N+1 or N+N with battery reserve up to 15 minutes
	Generator backup	550KVA diesel power generators
	Generator fuel capacity	24 hours fuel capacity onsite with 24x365 fuel delivery callout
Security and access	Entrance	Secure access gate to on-site car park Card Access doors with personnel security trap Door access controls on all technical area
	Access request	Online self service portal based system
	CCTV monitoring	Full coverage of exterior, entryways, stairs and site interior 28 day digital system access with fully staffed security control room
	Alarm systems	Motion detectors for CCTV, glass breakage sensors and intrusion detection on all doors
	Building access delivery	Secure managed delivery and dock loading area Leads directly to the main data centre hall through secure manned entry
	Rack security	Individual PIN lockable racks as standard (biometric/proximity card also available)
Cooling	Design	Redundant, N+1, direct expansion cooling system
	Distribution	Perimeter and in-row cooling
	Free cooling	Not Available
	Control	Close control units provide air conditioned air to technical space
Fire detection and suppression	Design	Analogue addressable fire detection system in all areas
	Smoke detection	VESDA in technical space and plant area
	Gas	N/A
	Fire extinguishers	Fire extinguishers throughout with CO_2 extinguishers on the technical floors
Telecommunications	Meet me rooms	Single MMR. Diverse Building Paths
	Carriers	Carrier Neutral (Uecomm, Telstra and PIPE)
	Cabling	Multiple connections to each suite and cable trays to all risers
	Roof space	Available for satellite and antenna equipment
Building	Gross area	300m^2
	Technical area	110 rack spaces plus 10 equivalent high density inline cooling Hot Aisle Containment System
	Technical area height	3.2m from raised floor to ceiling
	Structure	Concrete tilt slab with dual membrane roof panelling
	Access flooring	Can accommodate 400mm clear depth access flooring throughout technical areas
	Floor loading	Typical loading of 7.5kN/m^2
	Passenger lifts	n/a
	Parking	On-site parking for up to 4 vehicles and additional local parking
	Public transport	Local bus route
Building management system	Staffing	Dedicated facilities management team
	System	Monitors all building processes
Data centre services	Colocation	Colocation racks from 1kW to 5kW in 1kW increments
	Networking	Multi carrier internet and WAN services
	Utility services	On demand storage, backup, virtual machines and networking
	Managed infrastructure	Operating system or hardware level management for servers, networking and storage Remote hands, tape management and configuration