	OCP Ready v1 Data Center Site Assessment	GLOBAL SWITCH SINGAPORE DATA CENTRE		
	Self Assessment Status:	COMPLETE-MEETS REQUIREMENTS		
	Data Center Location Name	Woodlands Data Centre		
	Data Center Location Address	7 Woodlands Height, Singapore 737858		
	Site Development Category:	1. Multi-tenant Capacity Available	06/22/2026	
	Site Description: IT Technical Space (White Space) Area	6 storey building consisting of 10 nos. of Technical Suites with area over 15,471sqm of IT space		
	Site Description: Critical IT Power	6 storey building consisting of 10 nos. of Technical Suites accomodating 19.5MW of IT power. For HV, Dual 22.0kV diverse alternating current (AC) primary supplies through diverse routes, each sized to meet the ultimate facility load, with an ultimate site configuration utility redundancy of N+N which incorporates all associated transformers and HV/LV switchgears. Dual LV Switchboards (Power Distribution Units or PDUs) in an N+N configuration providing 'A' and 'B' supplies to each Technical Suite IT Rack/cabinet. The entire facility is supported by DRUPS in an N+2 IT ring configuration		
	Site Description: Network Provider Availability	Our Woodlands campus delivers scalable space and flexible power for every workload profile from enterprise to extreme compute. Located in Woodlands to the north of the island, with direct access to the rapidly expanding Johor data cluster.		
	Site Description: Facility Features			
	Site Description: Other Services			
	Date Original Assessment is Completed	06/22/2026		
	Re-Assessment Date:			

Ref:	REQUIREMENTS - Attribute (Must have an Optimum or Acceptable result)	Parameter	Result	Notes/ Actual Parameters
1.0	**ACCESS**			
1.0-A	Building Access	1. Loading dock with lift or leveler	**Optimum**	
1.0-B	Delivery pathway, Loading dock to Goods in	1. ≥2.75m (108in) H x ≥2.4m (96in) W x ≥2.4m (96in) D unobstructed access and threshold free	**Optimum**	
1.0-C	Delivery pathway, Goods in to White space	1. ≥2.4m (96in) H x ≥1.8m (72in) W unobstructed access and threshold free	**Optimum**	
1.0-D	Corridor floor rolling load	1. ≥680kg (1500lb) (6.67kN)	**Optimum**	
1.0-E	Unboxing/pre-staging/storage area floor uniform load	1. ≥1221kg/m2 (250lb/ft2) (11.97kN/m2)	**Optimum**	
1.0-F	Unboxing/pre-staging/storage area floor concentrated load	1. ≥680kg (1500lb) (6.67kN)	**Optimum**	
1.1	**RAMPS**			
1.1-A	Gradient	1. Not Applicable - No Ramps Required	**Optimum**	
1.1-B	Width	1. Not Applicable - No Ramps Required	**Optimum**	
1.1-C	Landing area	1. Not Applicable - No Ramps Required	**Optimum**	
1.1-D	Railings	1. Not Applicable - No Railings Required	**Optimum**	
1.2	**LIFTS / ELEVATORS**			
1.2-A	Weight loading	1. ≥1500kg (3300lbs)	**Optimum**	
1.2-B	Door height	1. ≥2.4m (96in) Lift /Elevator door opening height (not internal cabin)	**Optimum**	
1.2-C	Width	1. ≥1.5m (60in) Unobstructed door opening width	**Optimum**	
1.2-D	Depth	1. ≥1.5m (60in) Unobstructed cabin depth	**Optimum**	
2.0	**IT TECHNICAL SPACE (WHITE SPACE)**			
2.0-A	Floor rolling load	1. ≥680kg (1500lb) (6.67kN)	**Optimum**	
2.0-B	Floor uniform load	1. ≥1221kg/m2 (250lb/ft2) (11.97kN/m2)	**Optimum**	
2.0-C	Floor concentrated load	1. ≥680kg (1500lb) (6.67kN)	**Optimum**	
2.0-D	Finished floor to ceiling height	1. ≥4.5m (178in)	**Optimum**	
2.0-E	Access floor clearance	1. ≥900mm (36in) (if used for cooling)	**Optimum**	
2.1	**ELECTRICAL**			
2.1-A	Number of independent circuits to the rack	1. 2N (A+B)	**Optimum**	
2.1-B	Maximum circuit capacity	1. 3ϕ 32A/230V	**Optimum**	
2.1-C	Circuit voltage	1. 400/230 VAC nominal	**Optimum**	
2.1-D	Circuit frequency	1. 47-63 Hz	**Optimum**	
2.1-E	Power receptacle / WIP Type	1. IEC60309 532R6W	**Optimum**	
2.1-F	Circuit receptacle location	2. Underfloor	**Acceptable**	
2.1-G	Upstream UPS options	2. UPS only feed available	**Acceptable**	
2.1-H	Rack-based batteries permitted	1. Allowed	**Optimum**	
2.1-I	Generator load acceptance time	1. <60 seconds	**Optimum**	
2.2	**COOLING**			
2.2-A	Rack airflow direction	1. Front to Back	**Optimum**	
2.2-B	Air containment methods	1. Hot aisle containment for all cabinets in white space	**Optimum**	
2.2-C	Maximum rack density	1. ≥12kw	**Optimum**	
2.2-D	Minimum cold aisle width	2. ≥1200mm (48in)	**Acceptable**	

2.2-E	Minimum free width cold aisle (Inside cage)	1. ≥1200mm (48in)	Optimum	
2.2-F	Minimum hot aisle width	1. ≥1200mm (48in)	Optimum	
2.2-G	Inlet air conditions	2. ASHARE Recommended	Acceptable	
2.2-H	Air quality	1. EN 779 G4 and F7 filtering & Gas particulate monitoring to the ANSI/ISA 74.04-1985 G severity levels	Optimum	
2.2-I	Temperature rise	2. ≥8 Deg C DeltaT	Acceptable	
2.2-J	Cabinet blanking of open space	1. Mandatory	Optimum	
2.3	CABLING			
2.3-A	Cabling infrastructure pathways	1. Top and Front of rack fed	Optimum	
2.3-B	Overhead Network Infrastructure containment levels	1. 3 Levels (Intra-Pod cabling; Inter-Pod cabling; OOB cabling)	Optimum	
2.3-C	Fibre Type (if installed)	2. Installed Per Customer Requirements	Acceptable	
2.3-D	Fibre connection presentation (if installed)	2. Installed Per Customer Requirements	Acceptable	
	CONSIDERATIONS (For information only)	**Parameter**	**Result**	**Notes**
3.0	SERVICE			
3.0-A	Replacement PSU Modules	2. Other (Notes required)	Acceptable	N/A
3.0-B	Replacement BBU Modules	2. Other (Notes required)	Acceptable	N/A
3.0-C	Option to monitor PSUs and BBUs	2. No	Acceptable	
3.0-D	Remote hands for PSU and BBU replacement or expansion	2. No	Acceptable	
3.0-E	Remote hands for OCP IT hardware replacement or expansion	2. No	Acceptable	
4.0	EFFICIENCY			
4.0-A	Site Operations Standards	2. Bicsi 009-2019 Data Center Operations and Maintenance Best Practices	Acceptable	
4.0-B	Site PUE Monitoring	1. Continuously monitored	Optimum	
4.0-C	Site Design PUE	2. <1.5	Acceptable	
4.0-D	Site Annualized PUE Current Achievement	2. <1.5	Acceptable	
4.0-E	Site WUE Monitoring	1. Continuously monitored	Optimum	
4.0-F	Site CUE Monitoring	2. Periodically measured	Acceptable	
5.0	OPENNESS			
5.0-A	PUE Published	2. Available upon request	Acceptable	
5.0-B	Facility Design Drawings & Files	2. Available to view upon request	Acceptable	