Digital Jurong

29A International Business Park, Singapore 609934

- MAS Threat Vulnerability Risk Assessment (TVRA) Compliant
- A Singapore BCA Green Mark Platinum Certified Facility
- Connectivity to Major Carriers, Cloud Providers and Partners

DIGITAL REALTY

Digital Jurong : A Digital Realty Data Centre

THE FACILITY

- 370,500 sq ft data centre supported by a Tier III+ architecture
- Delivers 30 MW of critical IT capacity
- 800mm raised floor capable of supporting high density cooling
- 15k-N per square metre structural loadings
- 52RU rack compatible

CONNECTIVITY

This premier data centre serves as one of the critical exchange points of the Digital Realty Ecosystem and brings together an established carrier neutral connectivity environment with a wide range of telecommunications providers, service providers and business partners in an open cross connect model.
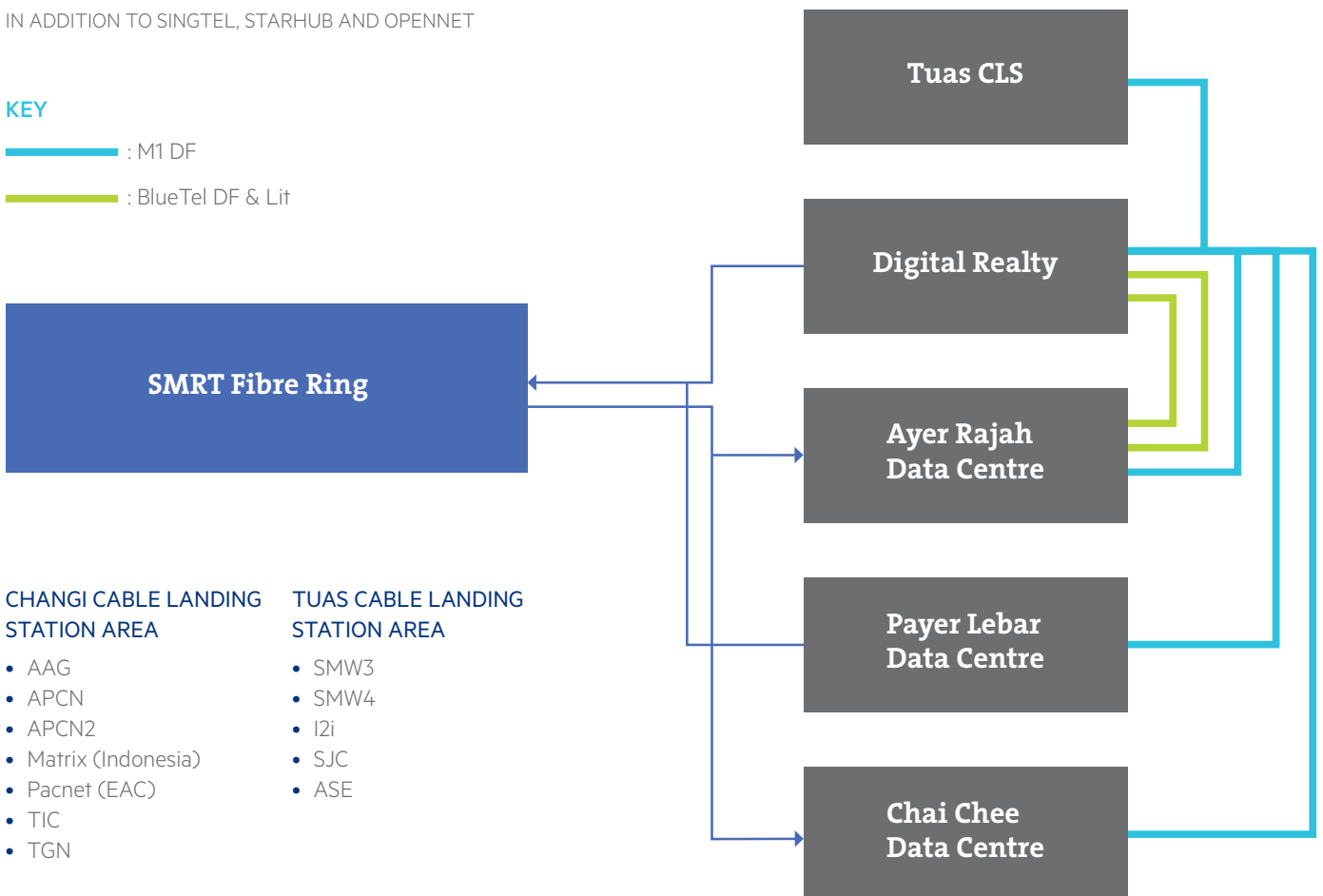
Diverse and redundant fibre routes run from the street to the fully redundant (2N UPS plus in-house generator) Point-of-Presence Rooms (POPs) located in the data centre.

CARRIER-NEUTRAL CONNECTIVITY

IN ADDITION TO SINGTEL, STARHUB AND OPENNET

KEY

───── : M1 DF

───── : BlueTel DF & Lit

SMRT Fibre Ring

Tuas CLS

Digital Realty

Ayer Rajah Data Centre

Payer Lebar Data Centre

Chai Chee Data Centre

Map is indicative only

CHANGI CABLE LANDING STATION AREA

- AAG
- APCN
- APCN2
- Matrix (Indonesia)
- Pacnet (EAC)
- TIC
- TGN

TUAS CABLE LANDING STATION AREA

- SMW3
- SMW4
- I2i
- SJC
- ASE

Digital Realty's 29A building interconnects with key peering locations within Singapore.

99.999% UPTIME

Digital Realty data centres have achieved "five nines," or 99.999% uptime for the 10th consecutive year in 2016.

Digital Realty surpassed 1.45 billion operating minutes across its 150+ properties, encompassing approximately 23 million square feet in 33 metropolitan areas around the world.

Uptime metrics are based on a comprehensive evaluation of data centre suites owned and operated by Digital Realty worldwide, using standard industry methodology. These results do not include data centre suites within the eight European facilities acquired by Digital Realty in July 2016. Total operational minutes were prorated per year for each data centre suite, beginning on the commissioning completion date, between 2007 and 2016.

SPECIFICATIONS

POWER

- Dedicated diverse and redundant 22kV utility power supplies and 22kV power switch rooms
- UPS total capacity of up to 21.6 MW
- Each data centre floor has four 3MVA HT/LV power transformers configured as 2N, giving a total of 6MVA power capacity
- Generator tower capable of supporting 24 x 2MVA generators.
- Each data centre floor has four 2MVA power generators configured as N+1, giving a total of 6MVA backup power capacity
- 700,000 litres fuel storage providing 48-hours of support at full load conditions
- Concurrently maintainable

COOLING

- Dual chilled water loops
- Eight high efficiency 5.9MW water cooled chillers configured as N+2
- Eight 6.33MW open circuit cooling towers configured as N+2
- Two 2,000 m³ make up water storage providing 48-hours of support at full load conditions
- DRUPS backed plant ensures continuous cooling
- Concurrently maintainable

CONNECTIVITY

- Access to global Tier 1 providers
- Complete access to the Digital Realty Ecosystem
- Diverse and redundant underground entry points to the building
- Diverse and redundant POE (Point of Entry) rooms
- Diverse and redundant POP (Point of Presence) rooms
- Dedicated pathway available to the data centre

SECURITY

- 7 x 24 onsite security
- 2-factor authentication with biometric access to the data centres
- CCTV monitoring 7 x 24 with digital recording and 90-day archiving
- Single entrance/exit
- Vehicle crash barrier
- Fence and crash bollard perimeter
- X-ray screening and circular man trap entry

Home of the Digital Cloud

LOCATION

Situated within the low risk International Business Park, Digital Jurong is strategically located on the west side of Singapore, in close proximity to the CBD and other strategic business and network assets.

TRAVEL TIMES

- Singapore CBD   20 min
- Singapore Airport   25 min

ABOUT DIGITAL REALTY

Digital Realty supports the data centre colocation and interconnection strategies of more than 2,300 firms across its secure, network-rich portfolio of data centres located throughout North America, Europe, Asia and Australia. Digital Realty's clients include domestic and international companies of all sizes, ranging from financial services, cloud and information technology services, to manufacturing, energy, gaming, life sciences and consumer products.
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DIGITAL REALTY