



Digital Tseung Kwan O

33, Chun Choi Street, Tseung Kwan O Industrial Estate, Hong Kong

- Uptime Institute Tier III Design and Construction Certified
- Move-in ready solutions scalable from a few hundred kilowatts to megawatts of power
- Carrier-neutral connectivity



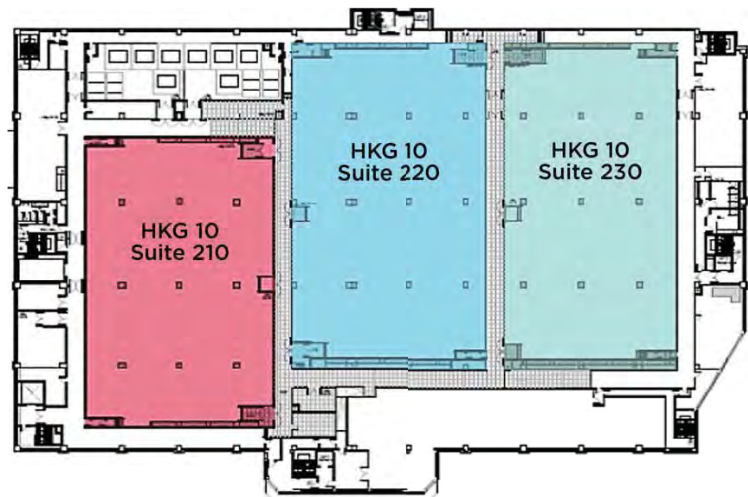
DIGITAL REALTY



THE FACILITY

- Over 18,000 m² of purpose built data centre development over three phases
- Approximately 1,000 m² of dedicated data centre space at 1,500W per square metre density across six Scale Suites
- Three floors with approximately 6,000 m² per floor
- Onsite office space
- High raised floor (800mm Finished Floor Height (FFH))
- Demonstrated five nines (99.999%) uptime
- Uptime Institute Tier III design and construction certification
- Three dedicated air-cooled, chilled water systems per data suite, operating in N+1 configuration
- Power feeds providing 2N electrical infrastructure; each Scale data centre is equipped with 1,440kW UPS power in 2N configuration
- Comprehensive facility security with the capability to meet ISO security classifications
- The property is jointly owned by Digital Realty and CenturyLink Technology Solutions

THE SITE



Photography and plans for indicative purposes only, plans are not to scale.

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

COOLING

- Total of eighteen (18) dedicated air-cooled, chilled water systems, three (3) per Scale operating in N+1 configuration
- High efficiency chiller systems provides dedicated cooling capacity for each data hall with an area of approximately 1,000 m²
- Designed in accordance with ASHRAE TC 9.9 2011 conditions with underfloor air supply

POWER

- Two (2) 11 kV Medium Voltage power feeds from separate substations diversely routed to ground floor substations (2N)
- Total of 8,640kW of UPS power supply to Critical IT load in 2N configuration, 1,440kW per Scale Suite
- Twenty-four (24) 2MVA transformers operating in a 2N configuration

SECONDARY POWER

- Total of eighteen (18) dedicated 2.25MVA power generators operating in N+1 configuration, three (3) per Scale Suite
- Underground fuel tank with enough capacity for 24 hours full load operation

FIRE PROTECTION

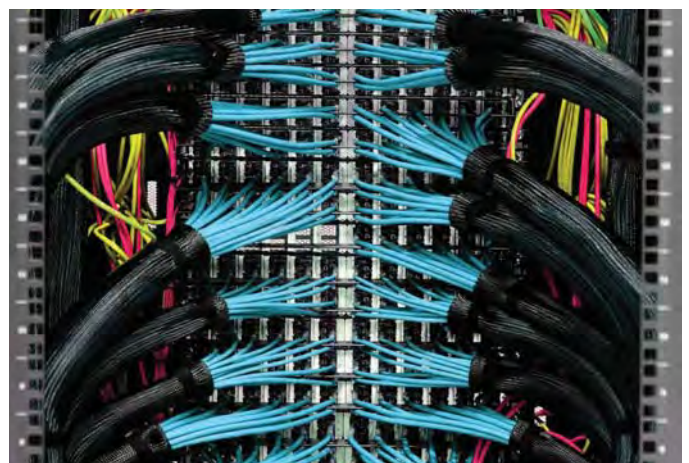
- Double interlock pre-action dry-pipe sprinkler system
- Overhead and under-floor smoke detection system

CONNECTIVITY

- Carrier-neutral access to Tier 1 providers: PCCW, Hutchison Telecom, WTT HK, Towngas Telecom, TRAXcomm, Hong Kong Broadband Network and Superloop
- Diverse and redundant fibre routes to the building
- Diverse and redundant POP (Point of Presence) rooms

SECURITY

- Premises monitored by security camera 24 x 365 with digital recording and archiving
- Dual authentication access to the data centre with Biometric Scan and Card Key access control
- Onsite security personnel 24 x 365
- Security systems complying with the requirements of ISO9001, ISO14001 and ISO27001





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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