



# Digital Seoul 1 (ICN10)

1588 Sangam-Dong, Mapo-Gu, Seoul, Korea

- Located within Sangam Digital Media City
- Supports up to 12MWs of critical IT capacity
- A Robust, Diversified and Neutral Connectivity Platform



**DIGITAL REALTY**

# The Trusted Foundation Powering Customer's Digital Ambitions

## OPENING IN 2021

### THE FACILITY

Digital Seoul 1 (ICN10) is located in north west of Seoul within Sangam Digital Media City, a newly developed urban planning zone with concentration of technology and media companies, aiming to promote the country's digital economy.

Being the last available land in Digital Media City, ICN10 is a greenfield land plot of 22,115 sq.ft surrounded by high rise office buildings and major data centres hosting MNC enterprise customers and IXs.

The connectivity is rich in that location. All 5 local carriers have existing network pops nearby and can provide diversified fibre routes into the site.

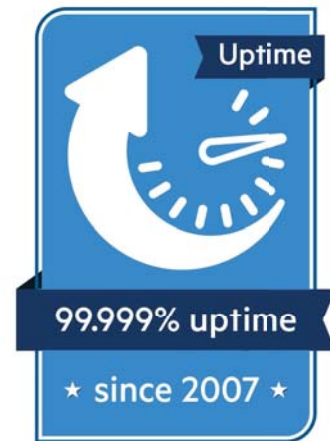
Digital Realty acquired the land title of the 22,000 square foot land parcel from Seoul Metropolitan Government and will support the development of up to 12 megawatts of critical IT capacity. Construction is expected to commence within the coming months and to be complete in 2021.

### 99.999% Uptime

Digital Realty data centres have achieved "five nines," or 99.999% uptime for the 12th consecutive year since 2007.

Digital Realty surpassed 1.45 billion operating minutes across its 190+ properties, encompassing approximately 33 million square feet in 32 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. Total operational minutes were prorated per year for each data centre suite, beginning on the commissioning date, from the start of 2007 through 2017.





# SPECIFICATIONS

## CONNECTIVITY

ICN10 will be a truly carrier-neutral data center facility which offers clients excellent connectivity with diverse fiber routes secured via strategic partners.

Digital Realty anticipates all 5 local carriers to be in the ICN10 facility upon commencement - providing competitive network costs to all our customers.



### DATA SUITE ARCHITECTURE

- Ten Storey Building with Two Basements
- Up to 2,200 Cabinets, up to 268 per floor
- Six Data Halls
- Large Floor-plate design
- Flexible Floor plan Configuration
- 2 X 4,000kg Goods Lift access to Data Hall
- Cloud, FSI and Enterprise ready

### POWER

- 12MW IT Load
- Turbine on roof for IT Load and generator in basement for Mechanical load
- 11kV generators distribution

### COOLING

- Target PUE Range 1.32 - 1.4
- Fan Wall or CRAH unit compatible
- Modular Floor by Floor plan
- District Cooling with Air Cooled Chillers as standby

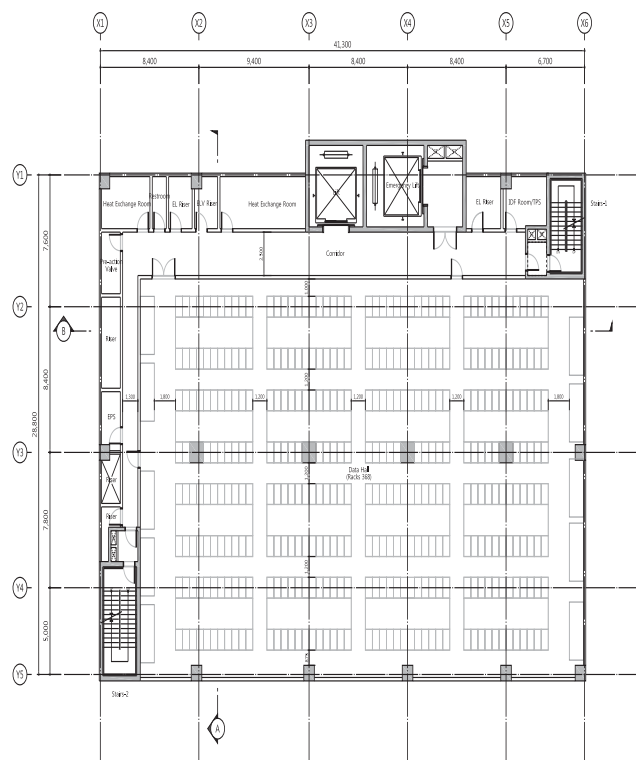
### CONNECTIVITY

- Various fibre links Available
- Access to global Tier 1 carriers
- Diverse and redundant underground entry points to PPOP & SPOP - Two routes possible
- Diverse and redundant POE (Point of Entry) rooms

### SECURITY

- 24/7 onsite security
- 2-factor authentication with biometric access to the data centres
- 24/7 CCTV monitoring with digital recording and 90-day archiving
- Segregated Customer / Deliveries access
- Secure by design approach
- Regulatory Authority outsource guideline compliant

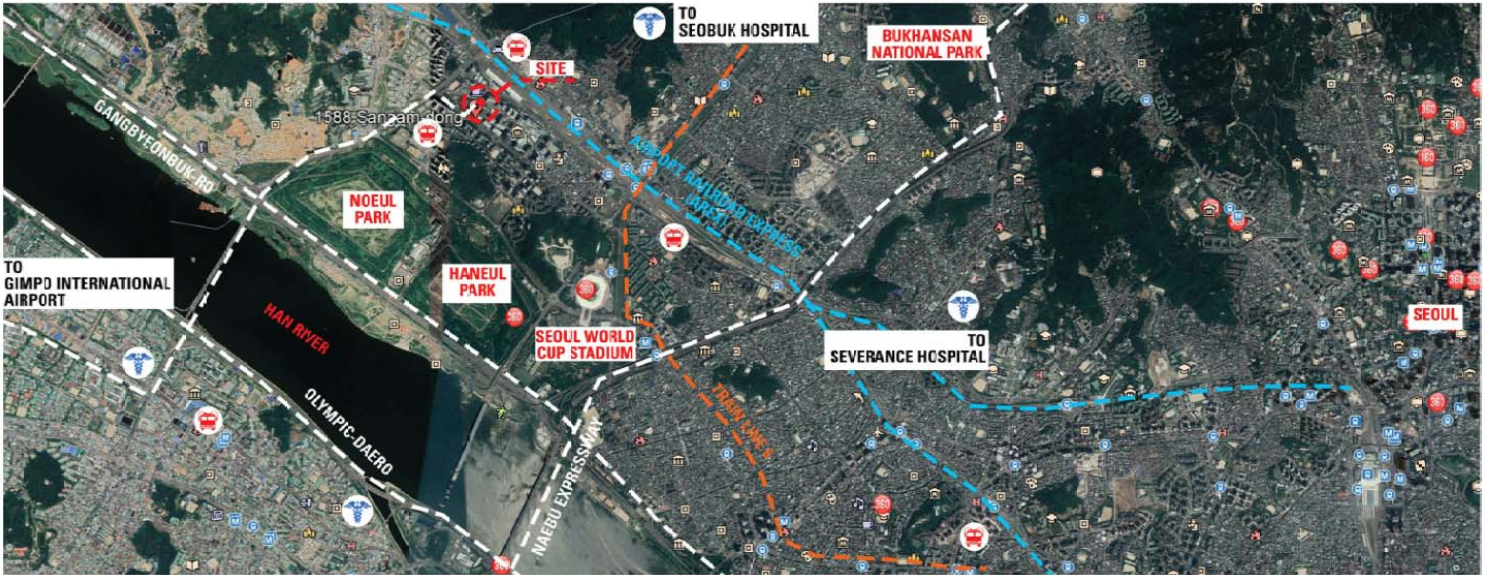
## Floor Layout



1 3~5F, 7~9F PLAN  
SCALE: 1:2000

# Powering your digital ambitions

## LOCATION



## ABOUT DIGITAL REALTY

Digital Realty supports the data centre, colocation and interconnection strategies of customers across the Americas, EMEA and APAC, ranging from cloud and information technology services, communications and social networking to financial services, manufacturing, energy, healthcare and consumer products.

[www.digitalrealty.asia](http://www.digitalrealty.asia)

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