

PUS1

Digital Edge has three data centers in South Korea across two major metros, offering flexible colocation solutions to suit a range of IT and network deployments.

Our PUS1 facility is located in Centum City, Busan, the heart of the maritime capital, providing crucial geographical redundancy to Seoul for those customers who are looking to build high-availability architecture in the country.

PUS1 is also the only data center in South Korea integrated with a Cable Landing Station. This unique feature enables us to provide direct interconnection services to major international as well as domestic network capacity, resulting in significant network cost reduction to our colocation customers.

PUS1's strategic location at a Cable Landing Station and as a potential disaster recovery site, effectively complements our two Digital Edge facilities in Seoul and makes it an attractive site within South Korea's data center landscape.

ADDRESS

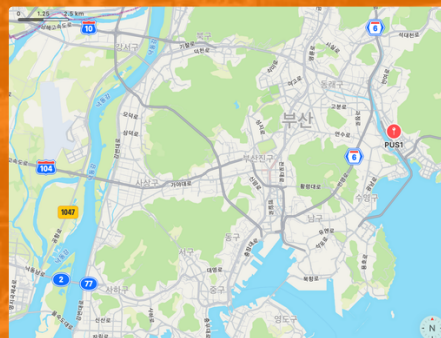
32 Centum 7-ro, Haeundae-gu
Busan, South Korea 48059
☎ (35.1749, 129.1272)

CONTACT US

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ACCESS

- Located in central CBD of Centum district
- 5min walk from nearest metro station
- 40min drive from Gimhae international airport



이이오
Digital Edge^{DC}



SOUTH KOREA

부산

PUS1

SPACE

Building

Colocation Space

9,463 m² (101,859ft²)

Data center capacity

1,605 of cabinets, 4.5MW (planned update)

Building type

3-story, purpose-built, multi-tenant

Seismic/flood resistant design

Richter scale 6.8 and underground is 5m higher than sea level

Parking

Available

Floor

Floor type

Raised floor

Floor load capacity

SVR: 1.05ton/m²

Facility: 3.55ton/m²

Raised: 1.2ton/m²

Ceiling Height

4.8m (slab to slab)

Fire Suppression

Halon 1301 system covers datahall, mechanical, and electrical rooms. Wet type sprinkler system covers common areas, offices, hallway, lobby. Additional EWSD (Early Warning Smoke Detection) system installed on the 3rd floor

PRODUCT & SERVICES

Colocation

Cabinets, Cage

Interconnection

Cross Connect

Services

Remote Hands Available 24x365

Telecommunication Infrastructure

Fiber Entry Room: 2 MPOEs

MMR: 1 MMR

FACILITIES

Power & Cooling

Power and Cooling Density

2.2 kVA per cabinet

Utility Feeders

2, Separate substations (Suyoung & Haewoondai)

UPS Redundancy & Configuration

N+1, Static UPS system

Standby Power Redundancy & Configuration

N+1, 1,000kVA x 2 gas turbine generators

Cooling Redundancy & Configuration

N+1, Floor blowup air cooling system

Diesel Fuel tank

Back-up time: 24h

Designed PUE

Annual: 1.5

Security

24x365 onsite security and monitoring, CCTV, Card Readers, Biometrics Identification

RELIABILITY

Tier

Tier 3

SLA

100% availability for dual power circuit

99.99% for single power circuit

CERTIFICATION

ISO License

ISO 14001

ISO 27001

ISO 45001

DOCUMENTS

Product Sheets



Cross Connect



Remote Hands

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