

South Korea / Facility / Published revision 1

Digital Edge PUS1 Busan Data Center

Unknown MW · Total facility power not established

See capacity evidence for reported claims.

Also known as: DigitalEdge PUS1 · C2C Busan Cable Landing Station

Development status: operational

Digital Edge colocation and interconnection facility in Centum City, Busan, integrated with the former Sejong Telecom C2C cable landing station. Operator capacity disclosures conflict between 14 MW and 4.5 MW; current IT load and expansion commissioning remain unresolved.

Last researched: 2026-10-07 | Last verified: Not independently verified

Tracked dataset only. Unknown values are not zero. Evidence dates and measurement definitions must be considered when comparing sites.

Site photographs

No approved property photo available.

Site profile

Field	Published information
Operator	Digital Edge [3] [6]
Owner	Digital Edge [5] [7]
Business model	colocation [1] [6]
Scale	unknown
Country	South Korea [1] [3]
State / region	Busan [3]
Metro area	Busan [4]
City / locality	Busan [1] [3]
Address	32 Centum 7-ro, Haeundae-gu, Busan 48059, South Korea [3] [8]
Coordinates	35.174915, 129.127427 · approximate precision. PeeringDB facility geocode associated with the corroborated street address; no independently inspected property marker or surveyed point.
Parent	Not assigned

Capacity evidence

Do not add these claims together. IT load, facility power, grid connection and unspecified power are different measurements. Cumulative and incremental scopes remain separate.

Measurement	Development scope	Evidence / accounting
14 MW Unspecified power	PUS1 facility description; commissioned versus ultimate scope unspecified unknown · unclear	[1] conflicting · 2026-10-07 Excluded from totals. As-of is retrieval date of undated operator page. Reported description value exceeds 5 MW but is not established IT load or commissioned facility supply; conflicts with same-page table.
4.5 MW Unspecified power	PUS1 capacity table with planned update wording unknown · unclear	[1] conflicting · 2026-10-07 Excluded from totals. As-of is retrieval date. Planned update may refer to capacity or editorial updating; no commissioning or expansion date established.
14 MW Unspecified power	PUS1 Chinese-language capacity table; updating qualifier unknown · unclear	[2] conflicting · 2026-10-07 Excluded from totals. As-of is retrieval date of undated language version. Same facility and overlapping description; do not add to other claims.
4.8 MW Unspecified power	Directory fully built-out power for PUS1 unknown · unclear	[8] conflicting · 2026-10-07 Excluded from totals. As-of is retrieval date, not capacity effective date. Secondary source lacks clear primary basis and conflicts with operator disclosures.

Development timeline

2021-04-01 · announcement · Acquisition agreement announced

Digital Edge announced agreement to acquire Sejong Telecom’s Centum City cable landing facility alongside a Seoul data center; closing was expected Q2 2021. [4]

2021 · actual acquisition reported retrospectively · Busan asset acquired

April 2022 operator announcement confirms acquisition of Busan and Seoul sites in 2021; exact closing date unavailable. [5]

2024-07 · actual permit reported by secondary source · PUS1 expansion permission reported

Sankun reports expansion building permission in July 2024 at U-dong 1453. Original government permit, commencement and completion remain unconfirmed. [9]

Disclosed specifications

Colocation area: 9,463 m²

Operator-reported colocation area; not established land or gross building area. [1]

Cabinets: 1,605

Operator disclosure; occupied or commissioned count not specified. [1]

Power distribution: 2.2 kVA per cabinet; N+1 static UPS; 100% dual power SLA

Published specifications; kVA is not converted to MW. [1]

Efficiency: Annual PUE 1.5

Operator-reported; measurement period and actual versus design basis unspecified. [1]

Certifications claimed: ISO 9001, ISO 14001, ISO 14064, ISO/IEC 27001, ISO 45001, ISO 50001; SOC 2 Type II; PCI DSS; Tier 3

Operator list; certificate validity and Tier certification scope were not inspected. [1]

Connectivity: Integrated C2C cable landing station and international/domestic interconnection

Operator integration claim corroborated by submarine cable industry source. [7]

Expansion area reported: 14,072 m² gross floor area

Secondary report associated with expansion permission; relationship to existing building and final completed total unresolved. [9]

Waste recycling: 56% in 2023

Historical operator ESG result, printed page 18. [10]

Public business contacts: sales.kr@digitaledge.com; support.kr@digitaledge.com

Public facility registry sales and technical contacts; no contact made. [3]

Research gaps

- Current commissioned IT load, facility supply and grid capacity
- Meaning and effective date of 14 MW versus 4.5 MW disclosures
- Whether reported expansion has started or commissioned
- Legal property-owning entity and title
- Exact building footprint and coordinate accuracy
- Cooling architecture, renewable electricity share and named current tenants
- Google Maps listing identity, property photos and Street View
- Reusable exterior photograph and capture date

Sources and field evidence

Attribution does not establish independent verification or permission to reuse images. URLs refer to public evidence.

[1] South Korea Data Centers in Seoul and Busan | Digital Edge

<https://www.digitaledge.com/products-services/data-centers/south-korea/>

Published: Unknown · Retrieved: 2026-10-07

PUS1 section identifies Centum City and cable landing integration; description reports 14 MW, table 4.5 MW with planned-update wording, 9,463 m² and 1,605 cabinets.

[2] South Korea - Digital Edge DC (Chinese)

<https://www.digitaledge.com/cn/products-services/data-centers/south-korea/>

Published: Unknown · Retrieved: 2026-10-07

PUS1 description and capacity table report 14 MW; table adds updating wording. No IT/facility/grid definition supplied.

[3] Digital Edge PUS1 - Busan - PeeringDB

<https://www.peeringdb.com/fac/12440>

Published: Unknown · Retrieved: 2026-10-07

Facility record identifies Digital Edge, alias DigitalEdge PUS1, address 32 Centum 7-ro, Haeundae-gu, Busan 48059, KR, and geocode 35.174915,129.127427. Record last updated September 26, 2025.

[4] Digital Edge to Expand Platform Footprint in South Korea

<https://www.digitaledge.com/resources/newsroom/digital-edge-to-expand-platform-footprint-in-south-korea/>

Published: 2021-04-01 · Retrieved: 2026-10-07

Announces agreement to acquire Sejong Telecom assets including Centum City cable landing facility; closing expected Q2 2021, with subsequent capacity and efficiency investment.

[5] Digital Edge announces plans to build South Korea's largest commercial data center

<https://www.digitaledge.com/resources/newsroom/digital-edge-announces-plans-to-build-south-koreas-largest-commercial-data-center/>

Published: 2022-04-26 · Retrieved: 2026-10-07

Retrospectively confirms acquisition of Seoul and Busan sites in 2021 and describes existing Busan assets; Incheon project capacity is separate.

[6] PUS1 Busan Data Center | Digital Edge

<https://www.digitaledge.com/resources/data-center/pus1/>

Published: Unknown · Retrieved: 2026-10-07

Facility-specific operator page describes existing interconnection services in Centum City and integrated cable landing station.

[7] Busan Cable Landing Station (Sejong) - Submarine Networks

<https://www.submarinenetworks.com/en/stations/asia/korea/c2c-pusan>

Published: 2011-07-12 · Retrieved: 2026-10-07

Updated content links C2C Busan CLS to renamed PUS1, identifies Digital Edge as owner formerly Sejong Telecom, and distinguishes another Busan landing station. Displayed original publication date precedes later

acquisition content; update date unavailable.

[8] Digital Edge - Busan PUS1 - Specs

<https://www.datacentermap.com/south-korea/busan/digital-edge-busan-pus1/specs/>

Published: Unknown · Retrieved: 2026-10-07

Directory corroborates address and operator but reports 4.8 MW fully built-out power, another unresolved figure without a dated primary basis.

[9] 한국산업단지공단 산업단지·시설정보: 부산, 울산, 대구, 서울

https://www.sankun.com/blog/detail/1162_%EB%B6%80%EC%82%B0_%EB%8D%B0%EC%9D%B4%ED%84%B0%EC%84%BC%ED%84%B0_%EA%B1%B4%EC%84%A4_%ED%98%84%EC%9E%A5_%ED%99%95%EC%9D%B8_%EA%B4%80%EB%A6%AC%ED%95%98%EA%B8%B0_%EB%AA%85%EC%A7%80%EB%8F%99_%EB%8C%80%ED%8F%89%EB%8F%99_%EC%86%A1%EC%A0%95%EB%8F%99_%EC%9A%B0%EB%8F%99

Published: Unknown · Retrieved: 2026-10-07

PUS1-specific section identifies U-dong parcel 1453, reports July 2024 expansion building permission, 14,072 m² gross floor area and Changjo as architect. Original permit and current construction stage were not established.

[10] Digital Edge ESG Report 2024

<https://www.digitaledgedc.com/wp-content/uploads/2024/04/Digital-Edge-ESG-Report-2024.pdf>

Published: Unknown · Retrieved: 2026-10-07

Circular Economy section, printed page 18, reports PUS1 recycled 56% of waste in 2023; this is historical site-specific evidence, not current renewable power evidence.

Name: [1] [6]

Aliases: [3] [7]

Kind: [6]

Country: [1] [3]

Region: [3]

City: [1] [3]

Metro: [4]

Address: [3] [8]

Operator: [3] [6]

Owner: [5] [7]

Business Model: [1] [6]

Statuses: [6] [10]

Summary: [1] [2] [5] [6] [7] [9]

Location: [3]

Stable identifier: 9b3cb5b8-3397-4731-872c-80fdd406e10b