

South Korea / Facility / Published revision 1

STT Seoul 1

30 MW · IT load

STT Seoul 1 maximum supported IT capacity

Development status: operational

Seoul colocation facility developed and operated by the STT GDC-Hyosung joint venture. Commercial operations began in June 2026, with up to 30 MW disclosed IT capacity; commissioned or occupied load is not disclosed.

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	STT GDC Korea (Hyosung STT GDC joint venture) [1] [4] [6]
Owner	Unknown
Business model	colocation [10]
Scale	hyperscale [6]
Country	South Korea [1] [4]
State / region	Seoul [2] [7]
Metro area	Seoul [1] [6]
City / locality	Seoul [1] [2]
Address	345-26, Gasan-dong, Geumcheon-gu, Seoul, South Korea [2] [4]
Coordinates	37.473354, 126.882697 · approximate precision. PeeringDB facility geocode associated with the operator-confirmed Gasan-dong address; building footprint and Google Maps marker were not independently corroborated.
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
30 MW IT load	STT Seoul 1 maximum supported IT capacity operational · cumulative	[1] reported · 2026-06-16 Excluded from totals. Announcement date; source says up to 30 MW. This is an upper design/support limit, not measured demand or proof all capacity is commissioned.

Development timeline

2021 · actual · Development and operating joint venture established

STT GDC and Hyosung Heavy Industries established the joint venture; opening announcement reports respective interests of 60% and 40%. [1]

Q2 2025 · planned · Earlier ready-for-service target

Earlier factsheet target; does not establish actual commencement of service. [11]

2025 · actual · Architect-reported construction completion

Junglim lists completion in 2025, distinct from commercial opening in 2026. [7]

2026-05-19 · announcement · Tier III design certification announced

Uptime Institute design-document certification reported; June commercial launch remained targeted at this date. [3]

2026-06 · actual · Full commercial operations began

Operator's June 16 announcement reports commercial commencement during June. [1]

2026-09-02 · actual · Global operator acquisition completed

KKR-led consortium with Singtel acquired STTGDC; local property ownership implications are unestablished. [9]

Disclosed specifications

Gross floor area — operator: 39,594.7 m²

July 2026 factsheet; differs from architect's area. [2]

Net lettable area: 7,420 m²

Not identified as exclusively white space. [2]

Site area: 7,092 m²

Architect disclosure. [7]

Gross floor area — architect: 39,691.19 m²

Different from operator's 39,594.7 m²; measurement basis unresolved. [7]

Building footprint and floors: 3,779.68 m²; B2 and 10 above-ground floors

Architect project description. [7]

Development arrangement: Project financing with lease-to-own model; client Gasan Landmark Datacenter PFV Co. Ltd.

Client is not treated as verified current legal owner. [7]

Rack power density: Up to 12 kW per rack without supplemental cooling

Official Seoul page; total rack count absent. [8]

Power resilience: Two 22.9 kV supplies, distributed redundant UPS, N+1 generators with up to 24-hour full-load fuel support

Voltage and redundancy do not establish grid MW capacity. [2]

Cooling: N+1 chilled-water plant and cooling towers; N+2 fan-wall units; chilled-water buffer tank

Design specifications. [2]

Energy efficiency: Design PUE below 1.3

Design target; measured operating PUE unknown. [3]

Connectivity: Carrier-neutral; two MDF rooms and three diverse fibre entries

July 2026 factsheet; May announcement instead describes dual telecom entry points. Named carriers unconfirmed. [2]

Uptime certification: Tier III Certification of Design Documents

Announced May 2026; constructed-facility certification not established. [3]

LEED: Gold certification claimed at opening

July 2026 factsheet still says pre-certified; current registry status unresolved. [1]

TIA certification history: Rated-3 design documents; certificate TIA942KR240813001

Initial certification August 13, 2024; displayed validity ended August 12, 2025. Renewal unknown. [4]

Business contact: info@sttelemediagdc.com

Public general contact in operator factsheet. [2]

Research gaps

- Legal land/building owner and current lease-to-own arrangement
- Building-level coordinate corroboration
- Commissioned, occupied and available IT capacity
- Facility demand and grid connection capacity in MW
- Public tenants, rack count and site-specific renewable electricity share
- Current constructed-facility certifications and reconciliation of LEED claims

Sources and field evidence

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

[1] ST Telemedia Global Data Centres Opens STT Seoul 1, Extending Its Platform into South Korea

<https://www.sttgdgc.com/newsroom/stt-gdc-opens-stt-seoul-1-extending-its-platform-into-south-korea>

Published: 2026-06-16 · Retrieved: 2026-10-07

Announces opening in Gasan-dong, Seoul, June commercial operations, up to 30 MW IT load and a 60% STT GDC/40% Hyosung development and operating joint venture.

[2] STT Seoul 1 Factsheet, July 2026 edition

https://assets.sttelemediagdc.com/sttgdgc/global_en/public/2026-07/STT_Seoul_1_Factsheet_vJuly2026_EN.pdf

Published: Unknown · Retrieved: 2026-10-07

Current download from the operator's July 16, 2026 resource page; supplies parcel address, building areas, IT load and infrastructure specifications. Certification qualifications remain pre-certified or targeted.

[3] STT Seoul 1 Achieves Uptime Institute Tier III Certification of Design Documents

<https://www.sttgdgc.com/kr-en/newsroom/stt-seoul-1-achieves-uptime-institute-tier-3-certification-of-design-documents>

Published: 2026-05-19 · Retrieved: 2026-10-07

Reports Tier III design-document certification and June 2026 operating target; describes carrier-neutral connectivity and resilient infrastructure.

[4] Certificate of Conformance: Hyosung STT GDC Inc., STT Seoul 1

https://tiaonline.org/wp-content/uploads/2024/08/Korea_Hyosung-STT-GDC-STT-Seoul-1_DCDV_GDCE_TIA942KR240813001-Signed-GDC E.pdf

Published: Unknown · Retrieved: 2026-10-07

TIA Rated-3 design certificate identifies 345-26 Gasan-dong, Seoul, Republic of Korea. Initial certification August 13, 2024; stated validity ended August 12, 2025.

[5] STT Seoul 1 — PeeringDB

<https://www.peeringdb.com/fac/15130>

Published: Unknown · Retrieved: 2026-10-07

Lists the same parcel address, STT GDC organization and geocode 37.473354, 126.882697; record updated September 26, 2025.

[6] Chairman Cho Hyun-joon Continues Power Equipment Success Story with AI Data Centers

<https://www.hyosung.com/en/newsroom/view/19210>

Published: 2026-06-17 · Retrieved: 2026-10-07

Joint-venture partner identifies the opened Seoul property as a hyperscale facility supporting up to 30 MW IT capacity.

[7] STT Seoul 1 (STT Global Data Center) — Junglim Architecture

<https://junglim.com/en/stt-seoul-1-global-data-center/>

Published: Unknown · Retrieved: 2026-10-07

Architect identifies completed project, 2025 completion, Gasan Landmark Datacenter PFV as commissioning client, lease-to-own financing, site and building areas, and B2/10F scale.

[8] Seoul — STTGDC

<https://www.sttgdc.com/kr-en/locations/seoul>

Published: Unknown · Retrieved: 2026-10-07

Official Seoul facility page identifies Gasan-dong locality, 30 MW IT load and up to 12 kW per rack without supplemental cooling.

[9] KKR-Singtel Consortium Completes Acquisition of STTGDC

<https://www.sttgdc.com/kr-en/newsroom/kkr-singtel-consortium-completes-acquisition-of-sttgdc-company-launches-refreshed-global-brand-next-phase-of-growth>

Published: 2026-09-02 · Retrieved: 2026-10-07

Reports completion of acquisition of the global operator by the KKR-led consortium with Singtel; does not establish local property title or changed Korean joint-venture interests.

[10] STT Seoul 1 Data Center — Data Center Map

<https://www.datacentermap.com/south-korea/seoul/stt-seoul-1/>

Published: Unknown · Retrieved: 2026-10-07

Describes hyperscale and retail colocation services at the same address and distinguishes nearby KT, K-Square, SK Broadband and DCI properties.

[11] STT Seoul 1 Factsheet — earlier operator edition

https://assets.sttelemediagdc.com/sttgdc/global_en/public/2025-07/stt_seoul_1_factsheet_vjuly2025_en_0.pdf

Published: Unknown · Retrieved: 2026-10-07

Earlier factsheet states an RFS target of Q2 2025; publication date is not established from its URL or conflicting document title.

Name: [1] [4]

Kind: [1] [7]

Country: [1] [4]

Region: [2] [7]

City: [1] [2]

Metro: [1] [6]

Address: [2] [4]

Operator: [1] [4] [6]

Business Model: [10]

Scale: [6]

Statuses: [1] [6]

Summary: [1] [10]

Location: [5] [2]

Stable identifier: 91b8c714-5cfa-4a53-b80f-0ee53b896cad