



STT JAIPUR 1

Factsheet

Ready for Service Since June 2026

Strategically located in the RIICO Industrial Area on Tonk Road and close to key ISP network PoPs, STT Jaipur 1, a carrier-neutral data centre, provides scalable, low-latency digital infrastructure for enterprises across Rajasthan and North India.

STT Jaipur 1 is the city's first enterprise-grade data centre, purpose-built for hyperscalers, enterprises, and government workloads, supporting primary, disaster recovery, and edge deployments.



Building Overview

- **Structure:** G+2 storey + Terrace reinforced concrete building
- **Location:** STT Global Data Centres India Pvt. Ltd.
Plot No. E-530, Sitapura RIICO Industrial Area, Tonk Road, Jaipur, Rajasthan – 302022.
- **Ready for Service from June 2026**
- **Gross Area:** 91,216 sq. ft.
- **Total Built-up Area:** 95,300 sq. ft.
- **Slab-to-Slab Height:**
 - Ground Floor: 8.5 m
 - First Floor: 6.6 m
 - Second Floor: 6.6 m
- **Floor Loading Capacity:** 1500 kg/m² (ramp-less design)
- **Total IT Load Capacity:** Up to 6 MW
- **Customer SLA Availability:** Up to 99.982%



Connectivity

- Carrier-neutral, multiple fiber pass, all leading network service providers onsite



Security

- 5-layered, 24x7 multi-level security architecture
- Advanced biometric access control system
- 24x7 CCTV surveillance with 90 days recording backup



Cooling Infrastructure

- Cooling systems backed by 2N power supply for high reliability
- AI-ready data centre design with DX-based CRAC units
- CRAC units configured with N+2 redundancy
- Advanced chemical air purification system for data halls



Power Infrastructure

- Dual, diverse, and redundant 33 kV utility power sources from:
 - 220 kV substation, Sitapura
 - 132 kV substation, Sitapura
- Total IT Load Capacity: Up to 6 MW
- Modular UPS system with N+N configuration
- 8 minutes battery backup at full load
- Fully concurrently maintainable infrastructure
- N+C generator configuration for backup power
- Underground fuel storage supporting up to 24 hours of operation at full load



Safety and Fire Protection Systems

- All fire protection and gas suppression systems are centrally integrated with the Building Management System (BMS)
 - Fire Protection Systems Include:
 - Gas Suppression System: IGS541 system protecting all critical technical areas
 - Water Mist System: Installed in DG areas for efficient fire suppression
 - Water Suppression System: Installed in passage and common areas



Material Handling & Access

- Loading Bay: 1 No. (Dock Leveller)
- 1 Fire Cum Passenger Lift: 1.02 T / 15 passengers
- 1 Passenger Lift: 1.02 T / 15 passengers
- 1 Freight Lift: 5 T capacity

STT Global Data Centres India Private Limited

C/o Tata Communications Ltd Tower B, 5th Floor, Plot No. C-21 & C-36, G Block

W: www.sttelemediagdc.com/in-en E: contact@sttelemediagdc.in

STT Global Data Centres India Private Limited

Plot No. E-530, Sitapura RIICO Industrial Area,
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