GPX Mumbai2 Tier 4 Data Center

The Evolution of Excellence

Available Now

Expanding India’s Leading Content, Carrier and Cloud Ecosystem

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RESILIENT INFRASTRUCTURE AND OPERATIONS

Everything we build at GPX is done with the deployment of the most advanced, secure, and reliable infrastructure, utilizing the expertise of GPX Global Technical team and engaging with Indian partners with proven operational capabilities.

◆ We continually evolve our data center design incorporating the latest and most efficient technologies while maintaining the security, uptime, and customer service GPX has become known for.

◆ GPX facilities are the most automated and state-of-art Data Centers requiring minimal human intervention thus avoiding failures due to human errors. GPX has a proven track record of reliability, security, and customer service excellence. The strength of our proven electrical and mechanical architectures including features like global maintenance bypass have resulted in zero planned or unplanned downtime since Mumbai 1’s inception in 2013.

◆ The GPX Indian Operations and Customer Support team is a mix of International and local Subject Matter Experts (SMEs) who understand customer business needs and resolve issues efficiently and effectively. The critical infrastructure is managed 24x7x365 by our highly skilled and trained Data Center Operations and Facilities Management Engineers. Its highly sophisticated Building Management System integrates and monitors all Data Center systems including electrical, mechanical, fire, water detection, security, fuel system, and utility services.

GPX Mumbai2

EVOLUTION OF EXCELLENCE

GPX Mumbai2 is located on Chandivali Farm Road in Andheri East, less than 1.4 km from our Mumbai 1 facility, and less than 4 km away from Mumbai’s International Airport. The GPX Mumbai2 DC is a standalone private facility with 60,000 square feet of data center space, 16 megawatts of total power and network availability of all major carriers. Similar to our Mumbai 1 Data Center, Mumbai2 will be designed, built, operated, and certified as a Tier 4 facility offering 99.999% uptime. It utilizes new technologies to enhance the proven design and electrical/mechanical architectures of our Mumbai 1 facility.
**FACILITY SPECIFICATIONS**

**POWER**
- 16 MW of Utility Power
- Multiple physically diverse 33KV utility power feeds from diverse Tata Power Receiving Stations - for superior redundancy
- N+1 DG Power with 72 hours of onsite fuel backup
- 6 MW of Critical Power (UPS)
- High density power per rack: up to 15 KW
- Mission critical Data Center infrastructure design with high resiliency assuring 99.999% availability SLA. Concurrently maintainable and fault tolerant infrastructure
- Highly efficient Eaton UPS systems with Lithium-Ion Battery System - industry’s best battery management system to optimize charging, load and safety parameters

**COOLING**
- Three independent cooling systems in an N+1 configuration; each cooling system has three chillers and its own physically diverse and dedicated supply/return pipes
- Each cooling system has multiple CRAHs in a N+7 configuration
- Each chiller has an independent UPS for its controls
- Latest Daikin Rapid Restart Air Cooled Chillers

**NETWORK**
- True Carrier Neutral Data Centre
- Presence of all major Telcos with capability to offer up to 100G circuits on diverse paths
- Interconnected to GPX Mumbai 1
- 4 physically diverse carrier fiber entrances
- Multiple physically diverse carrier rooms

**OPERATIONS**
- Highly qualified and trained 24x7X365 onsite DC Operations and Facilities engineering teams
- Highly intelligent and fault tolerant data center IBMS system for real-time monitoring
- Tried and tested DC operations processes ensuring world class reliability, service, and customer satisfaction
SECURITY
- Anti-climb perimeter fence and secured parking with no public access
- License Plate Recognition System
- Highly secured crash rated fence and wedge barrier with multi layered access control to prevent unauthorized entry
- Multi-factor identification with multiple layers of 24x7 physical/electronic security before access to colocation halls
- Digital pan-tilt-zoom cameras that monitor all data center areas including perimeter of the building, parking lots, entrances, roof and loading bays

FUEL SYSTEM
- Redundant double walled diesel bulk storage tanks for 72 hours back-up at full load
- Unique automatic fuel management system with dual, physical diverse piping
- Fuel Polisher delivering 100% clean fuel for backup power generation

INFRASTRUCTURE
- Pre-installed and tested structured wiring system providing any-to-any connectivity over fiber or copper media with minimum time to install
- High ceiling with capability to accommodate 52U racks, and up to 15 KW power for high density racks.
- 5 tonne service lift for equipment delivery