



Chennai Market

ACXMAA01

Empower Your Edge
Hyperlocal to Hyperscale

Chennai AdaniConneX Data Center

Our new Chennai data center, developed in conjunction with AdaniConneX, our joint venture with Adani Enterprises, will offer a first-of-its-kind multi-tenant purpose-built wholesale Data Center in Chennai, a fast-growing, underserved market and an emerging digital, telecommunications, and sub-sea cable hub.

With extensive fiber, density and peering options the Chennai facility will deliver high-quality, low-latency, and international interconnectivity to accelerate content delivery, Cloud access and communications services to the region.

Over the past decade, EdgeConnex has delivered more than 50 data centers in over 40 markets worldwide and our purpose-built, edge-of-Network facilities enable the fastest delivery of bandwidth-intensive, latency sensitive Content and Cloud applications to local consumers and enterprises.

We are creating a new edge of the Network by designing and deploying data centers that are strategically positioned nearest to Network provider aggregation points, establishing new local peering facilities to ensure the most efficient, lowest latency placement of our customers' content and applications, improved quality of service, and increased security.

BENEFITS

Our first wholesale data center in Chennai

Phase 1 planned with 17MW IT load and capable of growth to 33MW for entire facility

4th-largest urban metro area in India

Open and operational; additional building planned

EdgeConnex Benefits



Distributed Infrastructure

EdgeConnex operates more than 50 data centers in over 40 markets across North America, South America, Europe, and Asia, ranging from Hyperlocal to Hyperscale facilities, with network diversity to help businesses build the edge they need.



Flexibility

This facility can offer a rack density of 20kW+. Providing the ability to move power commits around from facility to facility – portable kW. Client driven deployment options to ensure your unique needs are met.



Connectivity

The Chennai data center will be a network-neutral facility offering connectivity and interconnections to multiple network providers.



Cooling

Robust and redundant power and cooling to support virtually any application, where temperature and humidity is monitored, controlled and managed to industry standards.



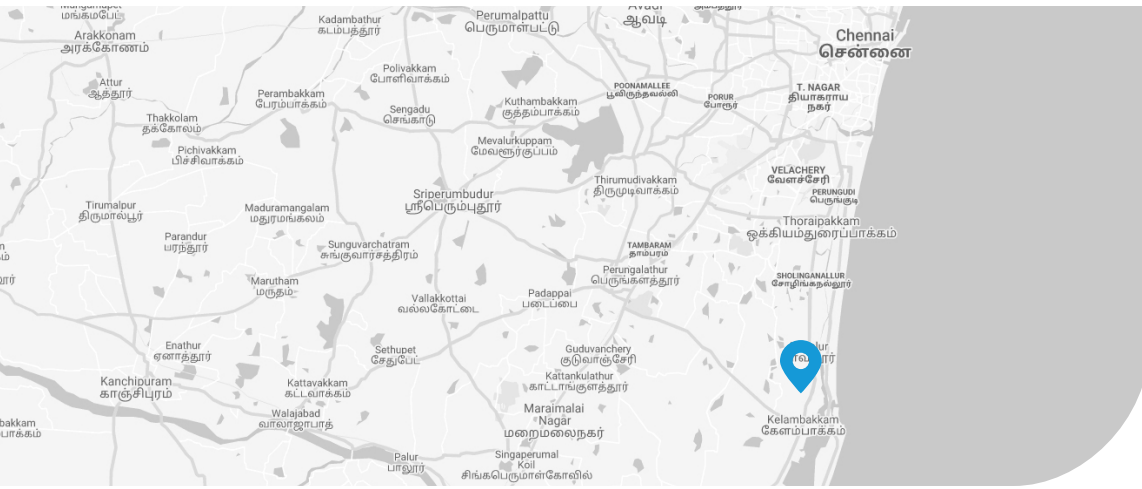
Customer Experience

We aim to deliver a premium customer experience and proximate data center solutions, allowing you to deliver a premium experience to your own customers.



Capability

Purpose-built Tier-3 designed facilities with superior operating reliability, high-density power, and carrier-neutral support to satisfy any customers challenges and demands.



ACXMAA01:

Kazhipathur
Chennai, 600103
Tamil Nadu
India

Coordinates:

Lat: 12.8213, Long: 80.2261

Phase 1 Delivery:

1Q22

Technical Specifications & Configuration



Space

- 2 buildings, total space 400,000 sq. ft.
- Building-1 planned for G+6 Levels, 213,000 sq. ft.
- Supports 17 MW (IT) spread on 5 data floors
- Contemporary workspace available
- Space available for secure customer storage
- Designed to ensure easy handling of pre-loaded racks

Network

- 4 major network operators confirmed
- Building POEs are diverse, with fiber conduits to physically diverse MMR's
- Network neutral with multiple networks and interconnections available
- Interconnection services available
- Dedicated SOC and NOC

Compliance

- Data Center facility designed for TIA 942B compliance
- Designed for IGBC Gold Standard
- Adherence to HSE and quality compliance

Fire Suppression

- Centralized IG541 based gas suppression for all data halls and critical electrical rooms
- Extensive VESDA system deployment

Power

- On-site 110 kV/11 kV 50 MVA substation connected to two different power sources
- Gas insulated substation with transformers in N+N configuration
- Concurrently maintainable power distribution in minimum of N+1 configuration
- Phase 1 planned with 17 MW (IT) load and capable of growth to 33 MW for entire facility
- UPS & PDU: N+N configuration
- Capable of up to 20 kW per rack
- EPMS for ease of power monitoring and recording

Cooling

- Fault-tolerant 4 pipe air-cooled chilled water cooling system
- Temperature and humidity monitored, controlled and managed to industry standards
- Minimum N+1 CRACs located in separate suites
- Highly efficient quick start chillers
- Continuous cooling through thermal storage tanks

Edge OS

- EdgeOS, our next generation data center operating system provides real-time visibility, including ticketing and SLA management for all locations

Security

- 7 levels of security containment systems
- Mantraps and strictly enforced protocols regarding entry access
- Video surveillance with extended online video storage
- Interior managed security zones

Managed Services

- Remote hands services for break fixes, configuration and troubleshooting
- Design, build, implement and maintain your equipment infrastructure
- High-capacity freight lift 2*4 ton with dedicated unloading bay

Proposed Certifications

- Uptime Institute Tier 3
- IGBC Platinum
- ISO 90001 – QMS
- ISO 27001 – Information Security Management System
- ISO 14001 – Environment Management System
- ISO 45001 – Occupational Health and Safety
- ISO 50001 – Energy and Asset Management

To learn more, email adaniconnex@edgeconnex.com