

# Shanghai Market

Chayora 朝亞



## Coming Soon: Shanghai Data Center Campus

The planned EdgeConnex Shanghai data center, designed to offer multi-tenant purpose-built wholesale capacity, connectivity, and cloud access to this fast-growing, underserved market, is a key development for our entry into China.

Shanghai is the largest city in China, home to over 24 million people, and with extensive fiber, power density, and peering options, our newest facility in the country will deliver high-quality, low-latency, and global 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 redefining the Edge by designing and deploying Hyperlocal to Hyperscale Data Centers strategically positioned nearest to Network provider aggregation points and innovative power solutions, 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 Shanghai

Planned in partnership with Chayora Data Centers

Offering proximity to a city of 7.5 million people and businesses

Managed under ISO 14001

Serving Cloud, Content, and Network providers

## EdgeConnex Benefits

### Distributed Infrastructure

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

### Flexibility

EdgeConnex can offer a high-density power with the ability to move power commits around from facility to facility – portable kW. Client driven deployment options ensure your unique needs are met.

### Connectivity

The Shanghai data center will be a network-neutral facilities 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.



## Notes From The Edge: Shanghai

The largest city in the fastest-growing data center market in the world, and a prime economic engine for China, Shanghai is a center for finance, business, science & technology, manufacturing, and more. Additionally, the city serves as a crucial gateway for business throughout China. The EdgeConneX data center will expand the reach of Chinese businesses worldwide and provide critical services to global service providers bringing Cloud, Content, and Networking to this powerful marketplace.

## Planned Specifications & Configuration

### Space

- Home to over 24 million residents and to many of the largest businesses in China
- Each floor in three buildings able to seamlessly scale up to 4 MW
- The world's busiest container port
- Shanghai has a nominal GDP estimated at US\$608 billion

### Connectivity

- Carrier-neutral facilities with major network operators planned
- Building POEs are diverse, with a variety of fiber conduits to physically diverse MMR's
- Interconnection services available

### Power

- Planned for up to 4 MW per floor across three buildings
- 4kW - 15kW per rack
- N+1 with 24-hours diesel backup
- Annualized average PUE less than 1.2

### Cooling

- Temperature and humidity monitored, managed to industry standards
- Monitored at individual rack basis
- N+1 with 15 minutes thermal storage backup
- Environmental Envelope:
  - Temp: 23°C - 27°C
  - Humidity: 40% - 60%

### Fire Suppression

- Pre-action, zoned dry-pipe sprinkler, gas suppression, and VESDA

### Security

- Minimum 8 layers of security
- Access cards, iris scanner, and video analytics
- Interior managed security zones
- NOC services

### Edge OS

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

### Optional Services

- Remote hands services for break fixes, configuration and troubleshooting
- Managed under ISO 14001 certification



For more information on our China data centers,  
call +1.866.304.3217 or email [info@edgeconnex.com](mailto:info@edgeconnex.com)