

EDGE DATA CENTER - BOSTON

Proximity Matters

Any Content.
Anywhere.
Instantly.

EdgeConneX specializes in providing purpose-built, edge-of-network facilities that enable the fastest delivery of bandwidth intensive, latency sensitive content and applications to local consumers and enterprises.

EdgeConneX is creating a new edge of the Internet by designing and deploying Edge Data Centers that are strategically positioned nearest to network provider aggregation points, establishing new local peering facilities. This ensures the lowest latency data delivery with improved quality of service and increased security.

Our creative approach facilitates innovative distribution models that support our customer's content and applications at the edge of the network. These purpose-built, Edge Data Centers are designed and deployed in conjunction with our customers to ensure the most efficient placement of their content and applications. EdgeConneX is trusted by the world's leading and most influential ILEC, cable, wireless, content and enterprise companies to deliver their data.



Benefits



Unmatched proximity to cable, ILEC and wireless networks in markets across the United States



Optimally sized colocation facilities are built near key network and cable operator locations, and are uniquely designed according to their input and specifications



Costs are reduced by offloading backbone traffic, mitigating performance-related outages and eliminating complex routing policies



Our experts identify the most relevant and appropriate Edge Data Center sites, enabling instant delivery of bandwidth-intensive applications such as OTT and on-demand video



Our pioneering business model offers innovative pricing with predictable economics with a direct correlation to your growth



High-value digital content is monetized by optimizing delivery and distribution, while enabling unsurpassed digital experiences that ensure the highest audience retention and new customer adoption



Our core network infrastructure is simplified and expensive infrastructure build-outs are avoided

Standard Edge Data Center Specifications

Edge Data Centers (EDC) enable distribution of content at the edge of the Internet. Our facilities are designed to support extremely high power densities with a simplified per kW pricing model. Every EDC is capable of supporting 20+kW per rack or cabinet and 600 watts per square foot. Our facilities are designed to meet SOC 2 Type 2 standards as well as Open-IX certification upon completion. Remote hands resources are available at all of our EDC locations and we provide a convenient customer workspace that is visible and accessible from the secured white space. Our next generation data center operating system, EdgeOS, was custom built to enable a single secure view into your infrastructure across our national footprint. In addition to enhanced EDC visibility, our EdgeOS boosts the effectiveness of alarming, monitoring, ticketing, network and capacity management. EdgeConneX customers have 24/7 visibility into their space, power and connectivity to enable their business and end user experience.

EDCBOS01

Technical Specifications and Configuration



22 Linnell Circle Billerica, MA 01821

The Boston EdgeConneX Edge Data Center[®] (EDC) has been purpose-built and precisely located in order to provide a secure colocation facility for customers wishing to deliver content and applications to local-market consumers, with the lowest possible latency. Partnering with network and cable operators at the local level, our carrier neutral facility guarantees the shortest and fastest routes for delivering content to local market subscribers (consumer and enterprise) and Internet customers.

Space

- 54,700 sq ft facility
- 12,100 sq ft of raised floor for tenant racks
- Maintains ROFR on adjacent spaces
- Within 21 miles from downtown BOS and 24 miles from Boston Logan International Airport
- Customer work space available
- Space available for secure customer storage
- WiFi network access and cell phone repeaters/boosters throughout the facility

Power

- Concurrently maintainable power in a minimum of an N+1 configuration to include:
 - PDU
 - UPS
 - Generators
- Capable of 20+kW per cabinet
- Capable of 600+ watts per sq ft
- Ghost space not required for cooling power dense installations
- Real-time branch circuit monitoring

Network

- Building POEs are diverse, with a variety of fiber conduits to physically diverse MMR's
- CenturyLink, Comcast, Lighttower and Zayo
- Interconnection services available

Fire Suppression

- Pre-action, zoned dry-pipe sprinkler systems with zoned maintenance aisles and separate suites

Cooling

- Temperature and humidity monitored, controlled and managed to industry standards
- 30 inch raised/under floor forced air plenum
- N+1 CRACs located in separate suites, maximizing customer-designated areas

Security

- Multi-stage security containment systems that use PIN and live video authentication
- Mantraps and strictly enforced protocols regarding entry access
- 24/7 Color CCTV/video surveillance and >90-day online video storage
- Interior managed security zones
- National network operations center for security management
- 24/7 NOC services

Optional Services

- Remote hands services for break fixes, configuration and troubleshooting
- EdgeConneX Services: design, build, implement and maintain your equipment infrastructure
- EdgeOS, our next generation data center operating system provides real-time visibility, including ticketing and SLA management for all EDC locations