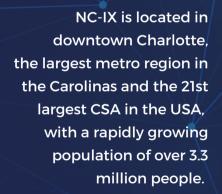## NC-IX Infrastructure & Services:

- First and primary facility located in the newly constructed Deep Edge Tech 2N neutral data center.
- In-building carrier neutral fiber connectivity from AT&T, Charter Communications, Cogent, Inteliquent, Lumen (CenturyLink, Level3, and Qwest), MCNC, Segra, Verizon, Windstream, and Zayo.
- Flexible access with single or multiple Ethernet ports at 1GE/10GE/100GE.
- Intra-member private VLAN service for customized peering and transit solutions.

Content and DNS Infrastructure Hosting:

- Fully equipped to host local content caches and anycast infrastructure server instances.
- Virtual server resources, cabinet rack space, power, and IP Transit bandwidth for cache-fill can be provided to eligible content networks.
- Microsoft Connected Cache nodes now online.
- Additional services in development:
  - DNS Anycast instances (global root and GTLD).
  - Stratum 1 NTP source.
  - Metro extensions.

NC-IX is located in downtown Charlotte, the largest metro region in the Carolinas and the 21st largest CSA in the USA, with a rapidly growing population of over 3.3 million people.

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Facility Information:

- Situated in Charlotte at 701 East Trade, a 24,919 square foot Tier III facility offering multiple unique fiber networks and redundant power grids.
- 2N Power and N+1 Cooling ensure reliability for mission-critical operations.
- 2.4 MW total campus capacity
- Flexible space options for racks, cages or suites. Data center space available in quarter, half and full-size rack cabinets, expandable up to 200 racks.
- Badge and biometric access controls and 24-hour secure parking.
- Onsite CCTV with video backup
- Duke Energy supplies redundant electrical grid connections, supported by A and B generator yards for uninterrupted service.
- The building's network ecosystem boasts over 15 fiber providers, local DIA, a professionally managed meet-me room, and hosts NC-IX, North Carolina's leading Internet exchange point.

Joining Statewide North Carolina IX:

For membership benefits and details on connecting, visit www.northcarolina-ix.org or contact sales@deepedgetech.com.

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