CONCERT Network

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CONCERT Network
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Description

The CONCERT (Communications for North Carolina Education, Research, and Technology) Network serves education and research in North Carolina. CONCERT operates its own private microwave-based network that includes two full duplex broadcast standard NTSC video channels for classroom instruction and conferencing, and a T3 backbone digital data network with dynamic configuration capability in DS0 increments. The network spans the State from Asheville in western NC to Greenville in the east, with network operations control located in Research Triangle Park on the MCNC campus along with the MCNC microelectronics research facility, the Communications Center and the NC Supercomputer Center (Cray Y-MP). The CONCERT data network is IP-based and interfaces to SURAnet.

Network Access

Any research facility or educational institution in NC may join the network providing certain NSF guidelines are met. CONCERT sites are reachable through the Internet.

Who Can Use the Network

Any of the members can exchange traffic with any other member for any purpose. Any member may use any of the long-haul networks CONCERT has connections to, subject to the restrictions of the owner of the long- haul network. The current primary long-haul provider, NSFnet, restricts access to research (public, private, corporate, etc.) and educational facilities.

Miscellaneous Information

For more info about CONCERT contact:

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