NCSAnet

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Description

NCSAnet is a regional supercomputing network with sites primarily located in Illinois, Wisconsin, and Indiana. The NCSAnet private corporate network is national in scale.

NCSAnet is a dual-hub network with hubs on the campuses of the University of Illinois at Urbana-Champaign and at Chicago. The Chicago hub, or, CHUB, is a Chicago area metropolitan network with current members UI-Chicago, Univ of Chicago (see also CICnet), Northwestern (see also CICnet), Illinois Inst. of Tech., Argonne National Laboratory, and Notre Dame. The Urbana hub connects the Univ of Wisconsin Milwaukee and Parkside campuses and Purdue University, as well as private corporate labs in New York, Illinois, Oklahoma, and Indiana.

Expansion of the academic portion of the network will continue, primarily through a state of Illinois network, netILLINOIS, which has been proposed to connect smaller, primarily undergraduate institutions in Illinois. netILLINOIS is a proposed joint network project led by the Computing Services Office at the University of Illinois and with the National Center for Supercomputing Applications and the University of Illinois at Chicago.

NCSAnet is operated by the National Center for Supercomputing Applications in cooperation with the Computing Services Office at the University of Illinois. The CHUB network is operated by the University of Illinois at Chicago.

NCSAnet interoperates with CICnet and other networks to provide access to special resources or to other regional networks and to the NSFNET backbone.

Network access

Any IP host of any member organization may access NCSAnet. The corporate portions of the network are private and are not accessible except by special arrangement.

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 NCSAnet has connections to, subject only to the restrictions of the owner of the long-haul network.

Miscellaneous Information

See also, NCSA and CICnet.