JvNCnet

Address:
JvNCnet
Princeton University
6 von Neumann Hall
Princeton, NJ 08544

Email: nisc@nisc.jvnc.net

Phone:
(609) 258-2400
(609) 258-1544 (for the Network Operations Center)

Description

JvNCnet is a North East Research Regional Network with direct access to the NSFNET backbone. JvNCnet also has international connections to several Scandinavian countries (Norway, Finland, Iceland, Sweden, and Denmark) via the network's connection to NORDUnet, and to France and Switzerland via the link to INRIA.

The regional network, the first T-1 (1.544 Mbps) academic network, evolved from the thirteen members of the Consortium for Scientific Computing to a regional network, currently with thirty-one sites concentrated in the Northeast. When the John von Neumann National Supercomputer Center closed in April 1990, JvNCnet moved its headquarters to, and became part of, Princeton University.

JvNCnet is engineered as a backbone network where backbone nodes are connected to each other with multiple T1 lines. These backbone nodes fan out to connect JvNCnet members at T1, fractional T1 (128 kbps), 56 kbps, 19.2 kbps, and 9.6 kbps over dedicated and dial-up lines. Backbone nodes are located at phone company premises in the cities of Princeton (NJ), Trenton (NJ), Philadelphia (PA), Boston (MA), Providence (RI), New Haven (CT), New York (NY), and Newark (NJ). Member institutions connect to the closest backbone node, reducing the circuit costs for JvNCnet sites.

The institutions currently on JvNCnet are:

American Mathematical Society, AT&T Bell Laboratories, Bellcore, Bristol-Meyers Squibb, Geophysical Fluid Dynamics Laboratories, INRIA, Institute for Advanced Study, Institute for Electrical and Electronics Engineers, Kean College, Mead Data Central, Montclair State College, NEARnet, New Jersey Institute of Technology, New York University, NORDUnet, Penn State University, Princeton University, Rohm & Haas, Rutgers University, Siemens Corporate Research, Stevens Institute of Technology, Trenton State College, Trinity College, University of Medicine and Dentistry of New Jersey, University of Pennsylvania, University of Rhode Island, Wesleyan University, Yale University,

The network is operated twenty-four hours a day, seven days a week. The network staff of JvNCnet is organized into six groups. These are (i) Network Information Services Group, (ii) Network Operations Group, (iii) Network Engineering Group, (iv) Network Installation and Maintenance Group, (v) Marketing Office, and (vi) Business Office.

Network Access

Network access is available to all Internet sites who desire access to JvNCnet members. JvNCnet follows the Acceptable Use Policy of the National Science Foundation Network.

Miscellaneous Information

JvNCnet produces a quarterly newsletter, *Megabytes,* and complete monthly operations reports. The network also hosts quarterly regional meetings for members as well as seminars and training session that are open to the entire data networking community. For further information on JvNCnet, contact the Network Coordinator at nisc@nisc.jvnc.net or (609) 258-2405.