John von Neumann National Supercomputer Center

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Description

The JvNC currently offers state-of-the-art supercomputer resources and services. The center has a large support staff and welcomes users with no prior supercomputing experience. The JvNC currently supports over 1,400 researchers from more than 150 institutions. The JvNC is sponsored by the National Science Foundation, the New Jersey Commission on Science and Technology, and Industrial Partners.

JvNC offers the following resources:

- Two (2) ETA10 Model E Supercomputers
- Two (2) Cyber 205 Supercomputers
- Two (2) DEC VAX 8600's running the VMS operating system
- Two (2) DEC VAX 8600's running the Ultrix operating system
- Visualization Facilities include:
  - PIXAR Image Computer
  - 2 Sun workstations
  - 2 IRIS 4D-Turbo workstations
  - Macintosh and IBM PC/AT's

JvNC services include:

- PEP procedures: A user interface system that facilitates use of the supercomputers at JvNC.
- Trained professionals to support researchers in many disciplines (user consultants, applications consultants and research scientists).
- Extensive documentation (hard copy and on-line)
- Visiting scientist program.
- Industrial affiliates program.
- Academic affiliates program.

Network Access

JvNC facilities are accessible via:

- Internet networks (including NSFnet and ARPAnet)
- Direct dial at 9600 baud
- TELENET access
- BITNET

Who Can Use The Center

All proposals for time at JVNC are subject to peer review. For information on how to apply for an account, contact Janice Friedland, User Services Coordinator, at the address and phone number above. For information on the Industrial Affiliates Program, contact Dr. Doyle Knight, President of the Consortium.