PROPHET

Address:
BBN Systems and Technologies Corporation
10 Moulton St.
Cambridge, MA 02138
ATTN: K. McCarthy, MS 6/4C

E-mail: prophet-help@bbn.com

Phone: (617) 873-2669

Description

PROPHET is an NIH sponsored graphics-oriented software package designed to give biomedical researchers a wide range of computing capabilities which can increase productivity and expand computational options. Tools for data management, analysis, and scientific visualization include: comprehensive capabilities in statistics and mathematical modeling, molecular modeling and display, nucleic acid and protein sequence manipulation, and a high level programming language. Some of the other services PROPHET offers are: access to databases of biomedical interest, such as the Protein Data Bank from Brookhaven National Laboratory, GenBank, the Cambridge Crystallographic Database, and the PIR protein sequence database, user support via electronic mail, a telephone hotline, an online help system, an electronic newsletter, and an organized user group, extensive documentation, and numerous research application-specific programs. Software created by biomedical investigators, such as MBIR, and commercial software, such as SAS, can be utilized within PROPHET. Users are also connected via the Internet to a broad community of life science researchers. Capabilities exist for establishing both moderated and unmoderated bulletin boards in various scientific domains of interest. PROPHET's open architecture design and advanced software engineering results in a highly portable and well supported package. The Biomedical Research Technology Program of NIH's Division of Research Resources provides PROPHET at low cost to ensure that easy availability and wide distribution will foster use of distributed network workstations in research and lead to increased productivity.

Network access

PROPHET is on the Internet. The databases can also be reached via the Internet or direct-dial telephone links.

Who Can Use PROPHET

NIH grantees and their co-workers

Miscellaneous Information

Further information may also be obtained by calling or writing:

Dr. Richard DuBois, Biomedical Research Technology Program, Division of Research Resources, Westwood Bldg., Rm. 8A-15, National Institutes of Health, 5333 Westbard Ave, Bethesda, MD 20892. (301) 496-5411 or rbe@nihcu.bitnet

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or

Dr. Howard Bilofsky, Intelligent Systems Research and Development Department, BBN Systems and Technologies Corporation, 10 Moulton St, Cambridge MA 02138. (617) 873-3553 or bilofsky@bbn.com