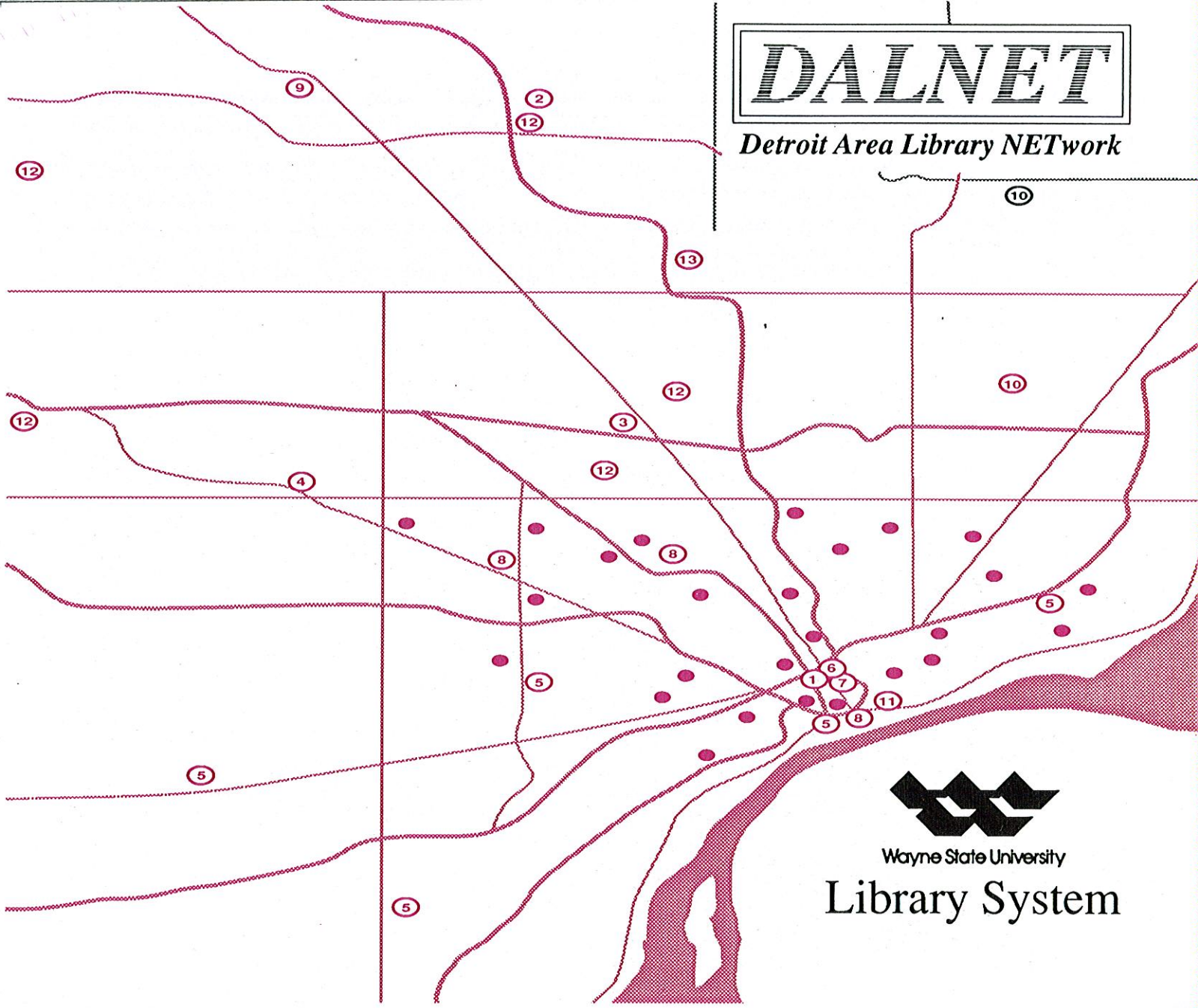# DALNET

Detroit Area Library NETwork

Wayne State University
Library System

WHAT IS DALNET?

The Detroit Area Library NETwork, DALNET, is a consortium of academic, public, and professional libraries in the tri-county metropolitan area that share a computerized library system owned and operated by Wayne State University (WSU).

DALNET GOALS

DALNET's goals are:
- to share the expenses of a comprehensive automated library information system that is more advanced than any single member library could afford on its own;
- to provide Detroit-area residents expanded access to the wealth of library resources available today through the use of this shared system.

DALNET POLICIES

DALNET is a nonprofit corporation formed in 1985 and administered by Wayne State University. DALNET policy is set by its Board, with officers elected annually for the positions of Chair, Vice Chair, and Secretary. Member institutions sign individual service agreements with WSU to participate in the DALNET Online System.

KEY TO FRONT MAP

DALNET MEMBERS	YEAR
① Wayne State University	1985
② Oakland University	1986
③ William Beaumont Hospital, Royal Oak	1987
④ Botsford General Hospital	1987
⑤ Wayne County Community College	1987
⑥ Detroit Associated Libraries	1987
Detroit Public Library (• branches) and McGregor Library of Highland Park	
⑦ Children's Hospital of Michigan	1987
⑧ University of Detroit Mercy	1988
⑨ Oakland County Library-Law Division	1988
⑩ Macomb Community College	1988
⑪ Harper Hospital	1989
⑫ Oakland Community College	1989
⑬ Walsh College	1993

THE DALNET ONLINE SYSTEM

The DALNET Online System uses software licensed from NOTIS Systems, Inc. to provide state-of-the-art library management, database access, and collection sharing systems. The NOTIS software runs on dedicated mainframe computer hardware housed at WSU's University Computing Center.
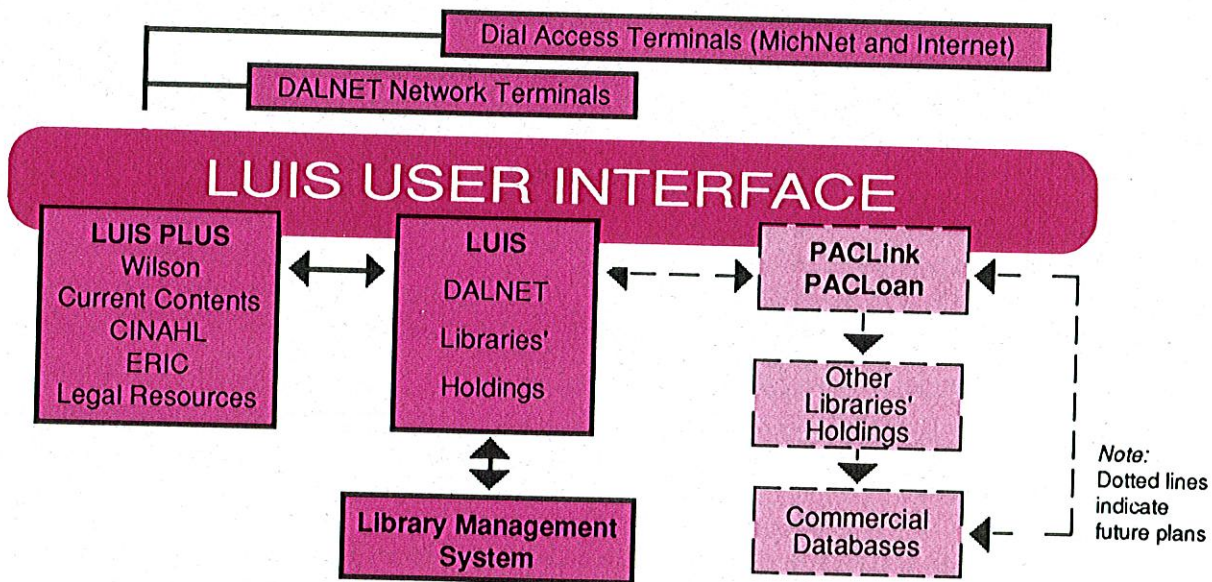
THE DALNET ONLINE SYSTEM

The **Database Access System** improves user access to library collections via the LUIS online catalog and LUIS PLUS index and abstract databases.

The **Library Management System** enables DALNET libraries to automate all aspects of library operations to better manage their collections. Operations automated include:

- acquisitions — manages ordering and paying for library materials;
- cataloging and authority control — creates and maintains the database of MARC records for library materials;
- serials control — records receipt of journal and other serial issues;
- circulation — tracks use of library materials by patrons.

The **Collection Sharing System** offers patron-initiated resource sharing with the PACLink and PACLoan modules that will be added to the DALNET Online System in the future.

LUIS

LUIS, the DALNET online catalog, has records for close to 4,000,000 titles. LUIS shows users which DALNET libraries have the materials they need, where the items are located, and if they are available on the shelves or checked out of the libraries. Users search LUIS with author, title, subject, call number, and keyword strategies.

LUIS PLUS

LUIS PLUS index and abstract capability was added in Fall 1991 and already provides access to more than 5.6 million periodical citation records that increase at the rate of 50,000 per month. Users search LUIS PLUS with the same user interface as LUIS. LUIS PLUS includes these databases:
- **Wilson** — covers science, social science, art, humanities, library science, and business journals, including those in *Readers' Guide Abstracts* from 1982 to date;
- **Current Contents** — covers over 7,000 research journals in agriculture, biology, arts, humanities, clinical medicine, engineering, technology, applied sciences, life sciences, physical sciences, chemistry, earth sciences, social sciences, and behavioral sciences from 1992 to date;
- **CINAHL** — cumulative index of nursing and allied health literature from 1983 to date;
- **ERIC** — covers literature in the field of education from 1983 to date;
- **Legal Resources Index** — covers legal literature from 1980 to date.

Databases available at each DALNET library may differ.

FUTURE

Plans for the future of the DALNET Online System include upcoming innovations in full text databases, image databases, graphical user workstations based on the client/server model, and gateways to additional online catalogs and commercial database services.

The **PACLoan** software will enable authorized library users to request books and photocopies of articles from DALNET libraries by filling in request screens on LUIS. This software will help DALNET libraries improve their document delivery services to users.

PACLink software will enable DALNET terminals to connect seamlessly to other libraries' online catalogs. Using the familiar LUIS user interface, DALNET library users will be able to search the collections of the University of Michigan, Michigan State University, and any other NOTIS site also running the PACLink software. Funding is being sought for PACLink to be the computer platform which will allow library users in Detroit, Ann Arbor, and East Lansing seamless access to Michigan Research Libraries Triangle databases.

BENEFITS OF DALNET

For DALNET Libraries:

- **A unique opportunity** to share in a comprehensive, continuously enhanced automated library system, that goes beyond what any single library could afford;
- **Improved management** of the wealth of library resources in the Detroit metropolitan area through computerization of library operations;
- **Increased use of library materials** to maximize investments made in area collections;
- **Cost-effective** online database searching through cooperative database licensing and loading;
- **Shared pool of human resources** with automation expertise;
- **Linkage** to regional and national library networks to expand access to resources beyond metropolitan Detroit;
- **Adherence to national standards** for computerized library data to ensure transferability to future computer platforms;
- **External funding opportunities** for library network participation.

For Library Users:

- **Electronic access** to the holdings of all DALNET libraries not only from library terminals but also from remote microcomputers dialing in from offices and homes;
- **Up-to-the-minute information** about the availability of library materials, including circulation status, on-order status, and issues of journals received;
- **Faster, more efficient** library services, including computerized checkout and prompt overdue notices;
- **Easy-to-use** but powerful online catalog interface that, once learned, can be used at all DALNET libraries for both LUIS and LUIS PLUS databases;
- **Electronic access to index and abstract databases** of journal article citations and other information sources;
- **Saved time and effort** in identifying and obtaining needed library materials.

DALNET LIBRARY STATISTICS

DALNET Library	Estimated Volumes	Dedicated Terminals	Library Buildings	Estimated Patrons	LUIS 1991/92 Transactions
Botsford Hospital	16,000	5	1	2,450	12,134
Children's Hospital	10,600	4	1	3,000	43,312
Detroit Public Library	2,860,000	351	28	318,000	6,990,895
Harper Hospital	13,200	4	1	7,000	34,066
Macomb Community College	133,400	54	3	27,000	1,029,868
Oakland Community College	260,594	75	6	32,000	1,233,288
Oakland County-Law Division	48,000	7	1	30,000	22,023
Oakland University	1,451,403	50	2	13,900	3,326,529
University of Detroit Mercy	770,000	51	5	8,082	1,146,957
Walsh College (joined 1993)	21,000	0	1	3,700	0
Wayne County Community College	68,100	78	6	10,049	470,313
Wayne State University	2,667,088	360	6	37,500	9,034,110
William Beaumont Hospital	27,700	7	1	4,000	107,631
TOTALS:	**8,347,085**	**1,046**	**62**	**496,681**	**23,451,126**

DALNET CENTRAL SITE COMPUTER SYSTEM

HARDWARE
- Dedicated IBM 9121-210 CPU
- 85 gigabytes of disk storage
- IBM 3725 front end processor
- Tape drives and system printers shared with University Computing Center

SOFTWARE
- MVS/ESA 3.1.3
- CICS 3.1.1/1.7
- VTAM 3.3.0
- ACF2 5.2 (security)
- Syncsort 3.4
- SAS 6.07 (report writer)
- CICS Monitor & Omegamon
- NOTIS LMS 5.1 / MDAS 1.3

NETWORK
- WSUNet, SNA network
- Leased line access for dedicated terminals
- Computer-to-computer campus hookups
- Dial access via state-wide MichNet network and the Internet

Dial-in brochures describing how to use a microcomputer, modem, and telecommunications software to access LUIS and LUIS PLUS are available at all DALNET libraries.

FOR MORE INFORMATION
For general information on DALNET or the Wayne State University Library System, write or phone:
Office of the Dean, Wayne State University Library System, 134 Purdy Library, Detroit, Michigan 48202, (313) 577-4020.

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