Macomb Community College Libraries
and
The Detroit Area Library Network
January, 1998

I.   Detroit Area Library Network: Status

The Detroit Area Library Network (DALNET) is migrating from the
NOTIS Library Management System to the Ameritech/ Horizon system.

   Rationale:

 - Libraries nationally are creating local area networks, joining
   wide area networks, and creating a global infrastructure to
   maximize access to informational resources.

 - Libraries nationally are moving from a mainframe computer
   environment to a client-server or a network environment. In
   doing so these libraries are trying to achieve maximum
   connectivity to information in a cost effective manner.

 - There is an increasing demand for desktop computers which
   offer the advantages of Internet connectivity.

 - DALNET librarians expect that there will be a significant
   shift from print to digital resources and from in-house to
   remote, Web, access use for all member libraries.

 - The migration time frame: May, 1998 - April, 1999.
   The decision to stay in DALNET must be reached by January,
   1998.

 - Evaluation of five new library management systems has provided
   evidence that Horizon, the Ameritech product, is the system of
   choice for implementation by DALNET member libraries.

 - Compelling reasons for MCC to stay in DALNET revolve
   around: improved services, cooperative networking, staff
   expertise and cost.

II. Macomb Community College participation in DALNET

   A. MCC became a member of DALNET in 1988

   B. MCC became a member of DALNET because:

      - There were, and continue to be, large issues impacting
        the delivery of library services. These issues are:
        the information explosion, the escalating cost of books
        and periodicals, the rapid advance of technology and the
        need for accurate, up-to-date information.

      - MCC Libraries membership in DALNET directly supports the
        College Mission Statement as an essential support
        service for transfer, career and general studies as well
        as for the University Center initiative.

      - In joining DALNET, MCC Libraries wanted to project an
        image of professionalism, with a computer automated
        library system that provided information access to MCC
        resources and which was connected with the other
        major academic institutions in the Detroit metro-area.

      - Access to the major academic libraries within the state
        was also a consideration.

      - Cooperation and resource sharing among academic
        institutions was felt to be necessary to responsibly
        support student, faculty and staff demand for
        information

III. Outcomes

   - Being a DALNET member has allowed MCC Libraries
     to perform in the mainstream of higher education institutions.

   - Standardized research strategies utilized in all the databases
     provided within the DALNET system is less confusing than
     mastering numerous stand-alone databases with a variety of
     protocols.

   - Numerous behind the scenes application of the DALNET software
     make for a seamless application and insure easy access to
     patrons. Loading these applications and enhancements is labor
     intensive which has been achieved at a cost savings because of
     DALNET Systems Office expertise.

   - Membership in DALNET was a contributing element in fulfillment
     of the North Central Self Study Accreditation process.

   - The current DALNET/NOTIS Library Management System has
     provided ten years of dependable service with regular
     enhancements that have improved the value and quality of the
     system on an annual basis.

VI. Projected Total for DALNET/Ameritech/Horizon System

	FY 1998	FY1999	FY2000	FY 2001	FY 2002	Total
System	$87,432	$100,986	$62,997	$52,500	$52,500	$356,415
Data		30,000	30,000	30,000	30,000	120,000
Hardware	99,700					99,700
Relay	3,200	8,544	8,544	8,544	8,500	37,376
					total	613,491

V. Cost Summary Breakdown

A. DALNET / Ameritech Horizon (Networked, Consortium System)

Features: double-tiered client/server architecture,
NT based platform, WebPAC loaded on Horizon Server,
open systems connectivity, Microsoft Windows graphical
interface, seamless integration of multimedia resources
with graphical staff and patron interfaces,
TCP/IP, Z39.50 compliant,

	Initial Price	Ongoing Costs
Software		
Horizon Library Management System Software	553,500	92,250
Modules: Cataloging		
Circulation		
Course Reserve		
Public Access Catalog		
Windows		
WWW Access		
Acquisitions		
Serials		
Media-booking		
ReportSmith	4,000	
InfoShare	100.000	15,000
RSAS (ILL/Document Delivery)	145,000	86,000
NetPublisher		7,125
Services		
Conversion / Migration estimate	122,800	
Training	243,618	
Documentation	3,040	
Hardware		
Horizon Servers	381,497	44,128
InfoShare Server	30,258	1,961
RSAS Servers	33,129	8,000
Image Server	5,146	786
WebPaC Servers	50,663	3,922
Sybase SQL	291,800	67,222
Utilities System Management	100,000	
System Printer	20,000	
Frame Relay	4,400	

DALNET Help Desk
Staff Training		5,000	
Software		20,000	
Server		7,000	
	Subtotal	2,120,851	326,394

DALNET Personnel and
Overhead Costs   512,112   1,169,112

Costs based on the following criterion
Number of records in DALNET database: 434,223

B.   Data

Cost to maintian reference and periodical resource access to
online and CD ROM software: $30,000 per year.

C.   Hardware

MCC Libraries hardware requirements over the five year period
of the DALNET/Ameritech/Horizon System Operation.

Staff printers	13,200
Scanners: Bar Code Readers	500
Patron PC Workstations 20	40,000
Staff PC Workstaions 23	46,000
Subtotal	99,700

D.   Staff requirements

Library technical support shall be undertaken by a
combination of the current library staff together with the
Computer Services Department technical support staff.

E.   Frame relay

To ensure effective online connectivity and response time a
frame relay network is necessary. Cost estimates include a
one-time cost of $1,600 for each site and $4,272 per site,
per year for 2 sites: South and Center Campus Libraries.

Arguments for MCC Libraries to Stay in DALNET

The DALNET database is a shared and continuously enhanced library information system that goes beyond what MCC Libraries could afford on their own.

DALNET provides a powerful, standardized catalog interface among member libraries. Standardized research strategies are less confusing and more efficient for students, faculty and staff.

DALNET membership provides direct access to the wealth of library resources in the Detroit-metro area. Consequently, the DALNET system saves time and increases efficiency in obtaining information.

DALNET provides the cooperation and resource sharing necessary to support student, faculty and staff demand for information.

Encouraging community reliance on MCC Libraries for academic research and general information needs is critical in building the confidence of the Macomb County community in MCC as an educational resource of repute. Membership in DALNET supports this objective.

The DALNET database can be used as a resource in providing leadership in developing community and economic potential, especially in regard to the University Center initiative.

DALNET provides a shared pool of human resources with library automation expertise that includes professional and technical staff members at DALNET libraries.

DALNET staff cost savings are achieved for training and technical expertise in regard to:
  hardware / software support.
  maintenance upgrades.
  trouble shooting.
  interaction with vendors for support and service.
  loading and maintaining patron records.
  loading programs as well as bibliographic records for new
      acquisitions.
  maintaining bibliographic authority control.
  input and quality control of internal system tables.

Adherence to national standards for computerized library data is provided by DALNET to enable the transferability of data and system inter-connectivity.

Significant time and cost saving are realized in training personnel on a standardized, shared library system.

DALNET will continue to provide better access to information because of cooperative agreements, union catalog access, and shared subscriptions to online indexes, abstracts and full-text database services.

The combined resources of the membership increase leverage in negotiations with vendors and system service providers

The DALNET / Ameritech Partnership will provide a learning centered system, offered by Ameritech, a major player in the technology marketplace.

Enhancements include new modules which are: Interlibrary-loan / Document Delivery, Media Booking, Digital Publishing.

DALNET is a the major academic library network in Michigan.

DALNET projects an image of integrity and educational competence in the Southeastern Michigan academic community.

DALNET members are in the mainstream of higher education nationally.

The DALNET Information Hub is a vision for the future.