

REQUEST FOR PROPOSAL #700197

FOR

DATABASE SEARCH ENGINE

Issued by

WRIGHT STATE UNIVERSITY
Dayton, Ohio

In Conjunction With

OhioLINK

February 3, 1997

Sealed proposals will be received until March 19, 1997 3 p.m. Local time

Addressed to :

Wright State University
Purchasing Department
246 Allyn Hall
Dayton, Ohio 45435

- Note:
1. Responses must be sealed and designated in the lower left hand corner "RFP No. 700197 -- due March 19, 1997"
 2. A MANDATORY Proposers' conference will be held February 20, 1997. Written questions due February 14.
 3. This bid will not be publicly opened.
 4. Submit 1 clearly marked original and 15 copies of the proposal.

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Overview

OhioLINK seeks a commercially supported computer based search engine with accompanying interface(s) (whether with a single or multiple interface approach such computer based search engine and interfaces are hereafter referred to as system) to provide access for the patrons of current OhioLINK member institutions and potentially for other participating Ohio Academic libraries, to some or all of its current and expanding set of licensed reference databases. A web-based interface is required with VT-100 optional. The system can be site-mounted on OhioLINK based hardware or accessed via the vendor's remote site or a combination of the two. In either case the system's functional requirements are identical. In either case the current and potential set of databases remains the same. Either option must address the impact on current licenses with Information Providers(IP's) and how future database licensing and additions and deletions of database licenses will be accomplished. Based on the responses received OhioLINK reserves the right to negotiate with one or more vendors for a system for all or portions of its current set of reference databases. (Ref. Section 4- Award Process/Competitive Negotiations)

Section 1 - Description of OhioLINK

Historically, The Ohio Library and Information Network (OhioLINK) has been a consortium of fifteen public universities, two private universities, the State Library of Ohio, and twenty-three technical and community colleges in Ohio. (Referred to subsequently as member libraries or member institutions.) Beginning in 1995 Ohio private liberal arts colleges have become participants. (Referred to subsequently as participating libraries or participating institutions.) Currently 11 private colleges are included in the OhioLINK central catalog with more expected in the future. Innovative Interfaces(III) integrated library systems have been implemented at each of the OhioLINK member and participating institutions to support local library services. A set of centrally located software and hardware supports a combined central catalog of statewide holdings. Updated bibliographic records and circulation status information is continuously fed to the central catalog from all III local sites via the statewide Internet provider. In turn, the authorized patrons(students, faculty, staff) of OhioLINK member and participant libraries activate their own unmediated requests for books if not available at their home institution. It is participation in this group resource sharing activity that is a prerequisite for membership or participation.

All member libraries automatically receive access to the additional database resources licensed by OhioLINK and made accessible from our central site or via gateways. Participating libraries can, optionally, pay incremental access and license fees for access to databases beyond the union catalog. OhioLINK currently provides services only to member or participating libraries. The OhioLINK system will provide access to its medical databases to NetWellness as it expands to statewide access via OPLIN. NetWellness is a community health information web site originally created by the University of Cincinnati Medical Center. Any incremental database license fees for this access will be paid directly by NetWellness to the appropriate vendor(s).

Appendix A-1 identifies all OhioLINK member and participating campuses and total student populations. Appendix A-2 identifies other Ohio private colleges not currently in OhioLINK. Schools listed in A-2 may or may not become OhioLINK participants in the future. These lists may or may not have specific relevance to your response.

Section 2 - Description of the Current OhioLINK Search Environment

2.1 System functionality and content

The central site of OhioLINK supports three primary search engines: Innovative Interfaces(III), Ovid Technologies, and Open Text. Currently the III software serves as the interface to the central catalog of library holdings, to local library electronic catalogs and to a variety of index and abstract databases, primarily from UMI and H. W. Wilson. The Ovid software provides the interface primarily to an array of

health-related databases (e.g. Medline, CINAHL,, and PsychINFO), but also others. All III and Ovid central site databases are listed in Appendix A-3 and are a required part of this RFP. Included for each database is: the interface, the machine on which each is mounted, notation that the license is either directly with the IP or the interface vendor, paid up license date, next renewal date and cancellation lead time, and 1995 and 1996 quarterly search volumes. Appendix A-4 lists each database's start year, record size, update frequency and storage requirement inclusive of current indexing overhead.

Open Text software provides the search engine for several full text SGML or tagged databases (e.g. English Poetry, English Verse Drama, OED, Columbia Encyclopedia). The Open Text databases are NOT a required part of this RFP. The complete listing of Open Text databases is included in A-3.

Also noted in A-3 are the three ISI Citation Indexes. Access to these is being accomplished through vendor developed web software. These are NOT in any way a required or optional part of this RFP.

OhioLINK also serves as a conduit to a variety of databases accessible via gateways to vendor sites, both web-based and VT-100 based. These also are listed as a part of A-3 and are NOT a required part of this RFP.

Also included in A-3 is a representative sampling of the additional abstract and index and full text databases on our candidate list. These databases are only provided as examples of the scope of our interests. Specific selections are made from time to time. Although not listed, it is a priority to have statewide licenses to scholarly journals. It is our intent to use the SICI to link journal citation databases to the journal fulltext. Licenses are being pursued directly with publishers.

The Innovative software and the Ovid software also provide ANSI Z39.50 clients as well as ANSI Z39.50 servers for access to and from other ANSI Z39.50 compliant clients and servers. Parts of ANSI Z39.50, version 3, is currently supported. Migration to future versions as they become available is anticipated. Both III and Ovid are available via VT100 and web interfaces.

A key feature of the III and Ovid software is the ability to actively link library holdings information from the OhioLINK central catalog to the records in the citation databases. Additionally the III system links UMI's Periodical Abstracts and ABI/Inform databases to centrally mounted multiple UMI Powerpages jukebox systems for the delivery of full text articles. In spring 1997 this linkage will be made directly to UMI in Ann Arbor for article sourcing.

All security to the OhioLINK central site is IP(Internet protocol address) based, currently. Authorizing off campus users for access is handled at each local campus network. For access to the OhioLINK central site resources or gateway resources no individual or institutional passwords are used. In the future as more off-campus users select their own Internet service providers additional mechanisms will be necessary to authorize these users.

All walk-up users to public access workstations in member and participating libraries and campuses are allowed searching access to the full complement of OhioLINK databases. Patron borrowing and UMI full text article requests do require a valid patron ID.

2.2 System capacity and usage

Appendix A-5 summarizes the OhioLINK central site architecture. Relative to the current III and Ovid databases noted in A-3, the machines olc7, olc5, and medinfo are relevant. All machines are DEC Alpha's of the model and with the disk and memory capacities as noted. A-3 identifies databases mounted on each machine. Appendix A-6 is a schematic of our Ohio telecommunication provider's(OARnet) backbone.

The OhioLINK system is still a growing system for several reasons. Since initiation of our central site in November 1992 we have been adding both institutions and databases. Over time institutions have become more networked, access to our databases has been improved, and patrons have become accustomed to using our system. While some databases are mature enough to have relatively stable use patterns, other databases are still growing in usage even after several years of availability. Others are fairly new and have not yet attracted their full audience of users. Interpretation of the data supplied must recognize these factors. Allowance for variation and growth must be made in considering a response to this RFP.

We routinely track weekly searches on all our databases. The numbers supplied herein are NOT total message or transaction or page counts. These are only the searches. Each count is a new index term entry by a user. Subsequent limitations or movements through various summary or record screens are not included here. The charts A-7 through 10 track our weekly search activity for all the III and Ovid databases for 1995 and 1996 for each of the 3 primary machines. A-3 provides quarterly search counts by database for 1995 and 1996.

We do not routinely track hourly search traffic. What data we have looked at indicates a strong and continuous plateau of use throughout the mid morning to mid-to-late afternoon, declining into the evening. In general, a peak day may be about 18%-24% of the week and a peak hour about 10%-12% of a day.

Our simultaneous user data is taken by regularly obtaining snapshots of user sessions on the machines. It is thus an approximation of peak usage only. Actual peaks are probably slightly higher. We do not have extensive histories. What we do have is summarized in the chart of A-11. We do not have simultaneous user data by database.

Section 3 - Requirements

3.1 Contract and Cost Requirements(to be supplied as Volume I, Section E of Vendor's response)

Vendor response to this RFP should clearly state your economic and contractual approach to licensing and ownership of the proposed system. Vendor must supply the license terms around which this contract will be formed. OhioLINK is willing to negotiate the nature of the license or ownership of the system (Ref. 4.2).

Access via the system to the selected set of databases will be provided to all OhioLINK member institutions.

Pricing should facilitate a variety of situations. It should provide as much flexibility as possible for combinations of required and new databases, database deletions, user capacity levels, and incremental participating library access as noted below. The response should project and delineate all one time and ongoing OhioLINK costs of year 1 through year 4 and include the underlying assumptions vendor has made to support these costs. It must be clear if any of the pricing is being applied against development of specific functional requirements not currently available. It must include all maintenance costs. Pricing for four years from point of initial access must be provided. Pricing that is relatively fixed and predictable is preferred.

The vendor must explain how future enhancements proposed by OhioLINK will be agreed to and priced.

The vendor response to this RFP must deal with the handling of current, new, and (in the future, selective) canceled database licenses. OhioLINK currently has direct licenses with most IP's and also has some directly from Ovid. These and their expiration dates are noted in A-3. The response must indicate if we will continue to license directly from the IP or license from you, the responding vendor, and how our current licenses are affected. If the licensing will be through you, you must indicate how this will impact our existing costs with each IP. If we will not license the databases we currently license from through you we must know this.

If the licensing will be through you, you must clearly indicate if there are any one time or recurring surcharges from you. Since we do not know the nature of your business relationship with each IP it is your responsibility to determine any impact with each IP. Each one has been advised of this RFP and that they may be contacted by you.

Potentially, some participating libraries will also access some or all of databases. It is one of OhioLINK's highest objectives to act as a cost effective conduit to such access. It is required that your pricing response provide for such access. You need to be clear in your pricing what incremental charges apply to access by one or more participating libraries beyond the OhioLINK member libraries.

Vendor should also indicate, with respect to both the system and the database licenses its approach to any incremental prices to provide access to the OPLIN library community via the system to selected database resources. Similarly, please comment on your approach to incremental pricing for the Ohio K-12 library community. A secondary factor in our evaluations will be the degree to which it might be possible to leverage total state library financial support by facilitating access to resources of value to the Ohio public and school libraries.

3.2. Content (to be supplied as Volume 1, Section C of Vendor's response)

3.2.1 Sources of Content

The solution proposed may include management of content on computers at the vendor's site, management of content at OhioLINK's facilities, or a mixture of these two solutions. It must provide a mechanism for provision of local or remote access to all of the OhioLINK databases listed in Appendix A-3 which are currently managed with III and OVID software. It may optionally propose solutions for access to other OhioLINK databases excluding the ISI databases.

Specify any other databases that are currently supported by the vendor's system in accordance with the requirements herein. Indicate what additional databases are expected to be added in the future along with time frame.

3.2.2 Gateways to Remote Content

The system should provide a mechanism for making remote Z39.50 accessible databases appear to have the same interface as the content managed directly under the respondent's search engine.

3.2.3 Existing indexes

The solution proposed must provide all of the indexes currently available for each of the OhioLINK databases as specified in Appendix A-4. For each of the databases, specify the default index used when a search term is unqualified.

3.2.4 Abstracts

The system must provide article abstracts when available for a database with appropriate full-text indexing.

3.2.5 Non-citation database content

The system should provide a means of indexing textual, non-citation database content, e.g. SGML. Please specify the extent of these capabilities. Specify any textual databases currently supported by the vendor's system in accordance with the requirements herein. Indicate what additional databases are expected to be added in the future along with the time frame.

3.3 Searching (to be supplied as Volume 1, Section C of Vendor's response)

A search is defined as including both any query statements entered or selected from a search interface and any limits specified by the user for a session or single query.

3.3.1 Keyword Searching

Keyword searching is defined as the search for a word or words together anywhere in the text of a field. It includes the ability to search for a keyword phrase, a specific sequence of words and or symbols, e.g. "Vitamin B".

Keyword searching is required in all indexed fields.

3.3.2 Fielded Searches

Field searches are defined as the search in a specific field for a user entered word or words in the same order as the user entered those words. For example, a search for the subject of "cookery Britain" would match fields with values "cookery Britain 1945-" or "cookery Britain", but not fields with values like "Britain: its cookery". Matching the query with "Britain: its cookery" would be an example of a keyword search.

Field searching must be supported in all indexed fields.

3.3.3 Special Characters

The non-alphanumeric characters, +, \$, and #, must be indexed in all indexed fields. Specify the non-alphanumeric characters in the ASCII character set which are not indexed.

3.3.4 Selection Lists

For database fields with a limited number of potential field values, the system must support the creation of lists of those values which can be presented as part of the user interface and used as a means of creating searches based in part on the selection of one or more of those values.

3.3.5 Multiple Field Searching

There must be support for simultaneously searching multiple fields selected by the user in a single database or database combination.

3.3.6 Browsing

The ability to browse a list of index entries in all indexed fields and select an entry to be searched is required.

3.3.7 Session Search Limits

The system must permit search limits, e.g. year < 1996, to be set at the beginning of a user's session based on any indexed field in a given database, or database combination.

3.3.8 Multiple Database Searching

It must be possible to select multiple databases to be simultaneously searched.

3.3.9 Transfer Searching

The ability to take a search previously executed in one database, or a combination of databases, and apply it to another database or database combination is required.

3.3.10 Selecting Text for Search

The system should allow for highlighting of a word or phrase in a displayed record and then submission of that text as a new keyword search in the current database or another database.

3.3.11 Search Revision

The system must allow the user to revise the previously submitted search then execute the revised search.

3.3.12 Proximity Searching

Proximity searching is required. Please describe the forms of proximity supported. e.g. within a sentence, within a specified number of words. Specify where proximity searching may be used.

3.3.13 Boolean Logic

The system must provide for the use of the Boolean "AND", "NOT", and "OR" operators separately or in combination across all indexes is required.

3.3.14 Truncation

The system must allow right hand truncation. Specify the symbol(s) used for truncation. The system should provide an option to permit a user to select automatic truncation of a search term without typing wildcard characters during the session.

3.3.15 Ranging Capabilities

The ability to specify ranges of numeric data when searching numeric indices is desired. Specify the indices where this is possible, and how the ranging is accomplished.

3.3.16 Thesauri

It is required that the system be able to manage thesauri where available from citation database vendors.

3.3.16.1 Searching

The full contents of the thesaurus, including scope notes, terms, and cross-references must be searchable.

3.3.16.2 Display

The system must display for the user the hierarchical structure of the thesaurus.

3.3.16.3 Index of Terms

The system must provide the user access to a permuted index of thesauri terms.

3.3.16.4 Selection of Multiple Terms

The system must permit the user to select multiple terms from the thesaurus and their submission as a search.

3.3.16.5 Cross References

Thesaurus cross references must be displayed where available and provide a hot link to the entry for the cross reference.

3.3.16.6 Scope Notes

The system must make thesaurus scope notes available.

3.3.17 Search Modes

Separate search modes, e.g. easy and expert mode, for different types of users are desired. Specify how the system functionality differs between these modes.

3.3.18 Highlighted Search Terms

The system must highlight search terms in its display of search results.

3.3.19 Display of Search

The search, including session limits, must be displayed with search results.

3.3.20 Help Screens

The system must have a means for linking the user with contextual help. Specify the contexts where help screens are available and the type of information provided.

3.3.21 Documentation and Training

There should be documentation on the use of the system that can be provided to librarians or users. Specify the type of documentation available and other training services available.

3.4 Search History and Result Management(to be supplied as Volume 1, Section C of Vendor's response)

3.4.1 Set Searching

The system must identify numbered searches that are then accessible to the user for modification or output.

3.4.2 Saving Searches

The system must maintain a history of the searches submitted during the current session. The history must identify numbered searches and their result sets.

3.4.3 Refining Searches

The system must permit revision of searches in the search history and submission of the revised search to the same or another database, or database combination.

3.4.4 Combining Searches

The system must permit combining previous searches using the Boolean operators, "NOT", "AND", or "OR".

3.5 Profiling(to be supplied as Volume 1, Section C of Vendor's response)

3.5.1 Saved Searches

The system must provide users a way to save a search that can subsequently be executed automatically after database updates in order to identify new records in the update meeting the specified criteria.

3.5.2 Notification Mechanism

The system must notify profile owners automatically via e-mail when new content matches their search criteria. The notice must encompass a URL link from the e-mail message back to the search system.

3.5.3 Registration

The system must provide users a way to self-register for profiles by creating their own user names and passwords. It must enforce unique user names for a particular institution.

3.5.4 User specification of Update Frequency

Based on the update frequency of the database or database combination which is the target of the profile, the user should be able to select how often they are notified of new content.

3.5.5 Profile Management

The system must have a mechanism for administration of profiles by OhioLINK staff, including deletion of old or expired profiles. It must have a facility for manually designating a profile as expired and a facility for automatically designating a profile as expired if its creator does not have the system automatically renew the profile by responding to an e-mail message requesting such a renewal. OhioLINK must have the ability to set the time period between delivery of such renewal notices.

3.6 Retrieval / Search Engine Output(to be supplied as Volume 1, Section C of Vendor's response)

3.6.1 Types of Output Required

The system must support output of the retrieved records or saved result sets from the search engine through onscreen display, e-mail, export, and printing. Specify the default ordering used for output. Indicate different orders used for different search fields, e.g. title or author, if required. Specify any specialized output file formats, e.g. USMARC or Pro-Cite, supported by the vendor's system.

3.6.2 Sorting Output

The ability of the user to select fields to be used to sort a result set is required. The user must be able to specify the order in which the fields are to be used to sort the set, and whether each field is to be sorted in ascending or descending order.

3.6.3 Fields for Output

The ability to allow the user to select the fields for output is required.

3.6.4 Output Quantity

In whatever form of output desired, the system must make it possible to display, e-mail, export, and print all or a user determined quantity of the records from a search result as a single set.

3.6.5 Notification of Output Size

It should be possible to set a threshold of a specific number of citations above which the user will be asked to confirm that they want to receive the number of citations requested, whatever the format of output desired.

3.6.6 Marking Options

The ability to allow the user to "mark" desired records when browsing displayed sets, and to subsequently output the marked record set is required.

3.6.7 Links to Bibliographic Management Software Products

The system must produce result sets in a format that can be uploaded into a personal bibliographic management software package, e.g. Pro-Cite. Specify which packages are supported.

3.7 Links to Related OhioLINK Network Services(to be supplied as Volume 1, Section C of Vendor's response)

OhioLINK separately acquires and makes available electronic versions of journal articles from other servers. This content can include text or image versions of UMI article databases. It also includes TIFF, PDF, and SGML versions of scholarly journal articles.

3.7.1 SICI Linking

- 3.7.1.1 The system must provide a mechanism for dynamically deriving or storing an ANSI/NISO Z39.56-1996 Version 2 Serial Item and Contribution Identifier (SICI) for each citation.
- 3.7.1.2 The system must be able to create a URL including the SICI that will link a user viewing a citation database record with the corresponding electronic version of the cited article located on OhioLINK journal servers. The base of the URL to which the SICI is added will be specified by OhioLINK.
- 3.7.1.3 The system must also be able to create additional URLs with the SICI for use as links to other services such as printing or document delivery.

3.7.2 OhioLINK Holdings Information

3.7.2.1 Electronic Journal Holdings

The system must offer URL links from records to electronic journal articles only when it has identified OhioLINK owns the corresponding content based on retrieval and review of ownership information in the OhioLINK Central Catalog MARC record for that journal.

3.7.2.2 Links to OhioLINK library holdings

The system must provide a mechanism for retrieval and display of holdings information from the OhioLINK Central Catalog when the serial for a citation is owned by an OhioLINK institution.

3.7.3 URLs in Citation Records

URLs provided in citation records must be displayed as URL links to that Internet resource.

3.7.4 Custom Links

The system must provide a means by which information from a field in a citation record can be combined with a predesignated partial URL to form input to another OhioLINK WWW system, e.g. send keyword search to the Central Catalog or Encyclopedia Britannica.

3.7.5 Document Delivery

The system should support links to document delivery sources. Specify if and how the system addresses user-initiated document delivery of articles. Specify the delivery options offered -- including fax, rush overnight, electronic, U.S. mail. Specify the charging options supported.

3.8 Performance (to be supplied as Volume 1, Section C of Vendor's response)

The system proposed must meet the following minimum standards for performance. (Based on the largest database noted in Appendix A-4.)

For OhioLINK managed systems, all access and display speeds specified are to be measured at a microcomputer located in the Wright State Univ. computer center where the system will be implemented. For remote solutions, the same location of measurement may be used, but two seconds should be added to the specified access speeds.

Simultaneous use is defined as the requirement to track and allocate system resources to multiple user sessions if the system maintains any kind of a session management system, caching, or other allocation of server system resources to individual users.

Peak loads are defined as when a minimum of 400 users are accessing the system simultaneously. Initially, the lowest peak number of simultaneous users that must be accommodated is 400 relative to the information on database usage and incremental growth for the required databases supplied in Appendices A-3 and A-11.

Access speed is defined as total retrieval time from the moment the user completes and submits the WWW search form until the first screen of the search results is completely displayed.

Record display speed is defined as the time from selection of a citation from a brief list of citations to the display of the full record for that citation including display of a link to OhioLINK holdings and electronic journals when available.

3.8.1 Access Speed

Access speed must average not more than two seconds for 95% of all searches performed during peak loads. Maximum access speed must not exceed eight seconds for 95% of all searches performed during peak loads.

3.8.2 Additional Users

The system must be capable of growing beyond 400 simultaneous users while maintaining the access speed times required in 3.8.1. Specify additional costs and hardware requirements needed to maintain this access speed for 425, 450, 475, and 500 simultaneous users.

3.8.3 Record display

Record display speed must average not more than one second for 95% of all searches performed during peak loads. The maximum record display speed must not exceed two seconds for 95% of all searches performed during peak loads.

3.9 Hardware (to be supplied as Volume 1, Section C of Vendor's response)

3.9.1 Onsite Server Hardware

The software must run on the Digital Equipment Corporation Alpha servers specified in Appendix A-5. Specify modifications to these servers, or additional servers, required to meet the performance and functionality requirements specified herein.

3.9.2 Onsite Storage Media.

Magnetic media is required. Indicate in gigabytes the amount of storage required for all databases and indexes covered by the response.

3.9.3 Network Requirements.

Locally mounted systems must use Ethernet for network connectivity. They should support a 100-T Ethernet interface. If a remote solution is suggested, please estimate the network capacity required between the OARNet and the remote site. A map of the OARNet network topology is given in appendix A-5. Describe the network design and capacity of the Internet service at the remote site.

3.10 Software (to be supplied as Volume 1, Section C of Vendor's response)

3.10.1 Onsite Operating System Software

UNIX is required.

3.10.2 Networking Protocols

The TCP/IP networking protocol must be supported.

3.10.3 Search System Clients

All required and desired functions must be accessible through a WWW browser. All functionality must be available to a WWW browser running on a microcomputer with a Macintosh System 7 or Windows 3.11 operating system. Specify the WWW browsers which have been successfully tested with the system. Specify what parts of the functionality of the system are available to VT100 clients and describe type of VT100 client, e.g. Lynx or a vendor developed client.

3.10.4 WWW Server

The system should use a commercially developed WWW server. Specify the WWW server and version, e.g. Netscape Enterprise Server 2.0, used, and any modifications made to the source code of the server.

3.10.5 JAVA

The vendor must have a plan for how JAVA will be used to enhance the quality of the user interface. Specify plans for utilization of Java during the next 12 months.

3.10.6 System Interfaces

The server should have an interface that conforms to the Z39.50 protocols. This should be the Z39.50-1995 protocol. Please specify the version of the protocol and the Z39.50 functions supported. Specify any other APIs or interfaces for the system.

3.11 System Management(to be supplied as Volume 1, Section C of Vendor's response)

3.11.1 Management Reports

The system must be able to track usage of the database. This must include the database searched, the search submitted, the number of results viewed, and other system functions used. With each action must be associated the IP address of the user. OhioLINK must have the ability to vary the specific data collected and the time frames to be collected and accumulated. Specify the management reporting capabilities of your system.

3.11.2 IP Authentication

The system must provide IP-based authentication of users on a per-server and per-database basis.

3.11.3 User Authentication

The system should be able to make calls to OhioLINK maintained databases to authenticate individual users.

3.11.4 Support Hours

Telephone support to librarians and OhioLINK staff must be available. Specify the hours during which telephone support is available and describe the nature and extent of the support provided.

3.11.5 Onsite System Management

3.11.5.1 OhioLINK Control

OhioLINK should have control over the operating system and addition of new hardware, and the configuration of hardware. Specify whether this is possible, or if the system is provided as a turn-key package.

3.11.5.2 Database Indexing

The availability of the initial load of the databases and updates in pre-indexed form is desired. Specify the estimated time required for loading initial pre-indexed and post-indexed versions of each database. Specify the estimated time required for loading pre-indexed and post-indexed updates to each database covered by your response.

3.11.5.3 Initial Database Load Distribution Media

Delivery of initial database loads in the form of DLT or DAT is required. Please specify all media formats supported.

3.11.5.4 Database Update Distribution Media

FTP is the required mechanism for delivery of database updates. Please specify all other transmission mechanisms or media formats supported.

3.11.5.5 Local Profiling

The system should support permit local decisions about which fields are placed in which indexes. It should be possible to place a single field in multiple indexes.

3.11.5.6 OhioLINK Header or Footer

The system must permit OhioLINK to place links to other OhioLINK sites on the header and footer of its initial WWW page. Specify the other types of pages on which OhioLINK can place such information.

3.11.6 Frequency of Updates

If a remote access solution is proposed, or if a solution is proposed whereby the vendor receives database updates from a citation database vendor prior to their receipt by OhioLINK, the solution must maintain at least the frequency of database updates specified in Appendix A-4.

3.12 Vendor Qualifications(to be supplied as Volume 1, Section F of Vendor's response)

- 3.12.1 The proposer shall provide a brief description of the company, including history, and shall supply same for its parent corporation. Included shall be a description of the company organization and staffing including the number, and functional organization of all staff assigned to library applications, and brief resumes of key staff members.
- 3.12.2 Proposer shall demonstrate financial stability by including from a combination of sources which may include: Sources and amounts of available financing, last annual report, statement of income and retained earnings for the last two years, statement of changes in financial position for the past two years, balance sheet for the past two years, certified public accountant opinions and contact information.
- 3.12.3 Proposer shall disclose any and all judgments, pending or expected litigation, or other real or potential financial reversals which might materially affect the viability or stability of the proposing organization; or warrant that no such conditions are known to exist.
- 3.12.4 Provide name, address, and telephone number of 3 buyers of systems or access similar in character, function, content, size, or design to the requirements of this RFP that the proposer has provided.
- 3.12.5 Provide listing of all academic library customers.

Section 4 - Award Process/Competitive Negotiation

4.1 Evaluation of Vendor Proposals

This request for proposal is part of a competitive procurement process which helps to serve WSU's and OhioLINK's best interests. It also provides firms with a fair opportunity for their services to be considered. The process of competitive negotiation being used in this case should not be confused with the different process of competitive sealed bidding. The latter process is usually where the goods being procured can be precisely described and price is generally the determinative factor. With Competitive Negotiation, however, price is not required to be the determinative factor, although it may be, and WSU has the flexibility it needs to negotiate with firms to arrive at a mutually agreeable relationship.

Responses to the RFP will be the primary source of information used in the initial evaluation process. Therefore, vendors are advised to be as complete as possible in their responses. However, OhioLINK reserves the right to:

- (1) award to the most responsive and responsible proposer, or to reject any or all proposals. OhioLINK is not necessarily bound to accept the lowest priced proposal submitted. If the lowest proposal is not the best proposal of value received for money expended, in WSU and OhioLINK's opinion, this Institution reserves the right to make the award in the best interest of OhioLINK. In making award, multiple factors may be considered including but not necessarily limited to: responsiveness to functional specifications, ease of implementation and expandability, scope of maintenance programs and associated costs, experience in providing similar services and requirements to other institutions or clients of similar size, location and ease of timely problem response, reference responses, record keeping practices, past experience with WSU and OhioLINK, willingness to enter into a contract term as specified under "Duration", organizational structure, and factors such as Proposer's integrity, and reputation will be considered;
- (2) visit or contact any current or past users of a vendor's services;
- (3) solicit information from any available source concerning any aspect of a vendor's response.
- (4) request trial access to vendor's site as secondary step in the RFP vendor selection process.

In evaluating the responses to the RFP, WSU in conjunction with OhioLINK reserves the right to (1) accept or reject all or any part of any response, waive minor technicalities and select a vendor that best serves the interests of the OhioLINK institutions; (2) unless noted otherwise, use any or all of the ideas presented in proposals without limitation; (3) eliminate from consideration any vendor who does not follow the instructions outlined in this document; and (4) WSU will not consider any information contain in responses as "proprietary" unless those sections are clearly and specifically identified as such.

OhioLINK does consider compliance with all specifications of the RFP important, but seeks a vendor who will supply the best overall price/performance proposal for the requested services.

4.2 Contract Negotiations

It is the intent of WSU in conjunction with OhioLINK to award any contract resulting from this RFP to the vendor submitting the proposal that best serves the OhioLINK institutions on the basis of specification requirements, terms and conditions of the proposal, and costs. OhioLINK reserves the right to enter into negotiations with the most responsive RFP proposer for purposes of finalizing any resulting contract award.

WSU and OhioLINK reserve the right to request any desired change in the specifications after the RFP award but prior to the contract award. Any price changes resulting from a change in specifications shall be agreed upon in advance between OhioLINK and the Contractor and incorporated into the original contract.

WSU and OhioLINK also reserve the right to request any desired change in the specifications after the contract award. Any price changes resulting from a change in specifications shall be agreed upon in advance between OhioLINK and the Contractor. The Contractor shall be furnished a supplement upon which both parties agree to and which shall in no way invalidate or make void the terms of the original contract not modified by such change.

Duration and Effective Date of Contract. The contract period shall be effective from date of contract award. OhioLINK reserves the right to negotiate an appropriate contract period based on the specific relationship to be contracted with the vendor.

Contract. The award documents shall be a contract incorporating by reference the terms and conditions of the Request for Proposals and the contractor's proposal as negotiated. The contract shall be awarded by the WSU Purchasing Department in conjunction with OhioLINK.

Consent for Advertising. The selected contractor shall not use the name of OhioLINK or any OhioLINK library or Institution in advertising without first obtaining written consent from OhioLINK and the Institution. (Ref. 4.5)

4.3 Observance of Laws and Regulations

In performing the services required under this contract, contractor and its subcontractors will be required to comply with all applicable federal, state, and local laws, statutes, ordinances, and regulations, and Wright State University policies.

This includes but is not limited to obtaining at its own expense requisite permits, licenses, and certifications; observing all requirements related to fair and minimum wages including conditions of employment; not discriminating against any employee or persons, on account of race, color, sex, handicap, religious creed, ancestry, age, or national origin; and remaining at all times in compliance with all executive orders issued, or that may be issued, by any level of governmental agency with regard to equality of opportunity including those dealing with affirmative action.

4.4 Conditions

Any conditions which the vendor wishes to stipulate other than those included in this RFP must be specifically stated in writing in the vendor's cover letter (see 10.9.2). If the vendor cannot accept a provision of the RFP, it must state in the same letter the number and title of the unacceptable provision.

4.5 Publicity

No announcement concerning OhioLINK's selection of a vendor and/or awarding of a contract as a result of this RFP may be made by the vendor without the prior written approval of OhioLINK. (Ref. 4.2)

4.6 Confidentiality of Vendor Responses

All proposals will be available for review by any representative of OhioLINK or member and participating institutions.

Section 5 - Proposal Submission - Contents and Format Requirements

Wherever the following terms appear in this proposal, they shall have the meanings set forth opposite each.

WSU or Institution: The Board of Trustees of WRIGHT STATE UNIVERSITY, Dayton, Ohio as fiscally responsible for OhioLINK.

OhioLINK: Ohio Library and Information Network.

Contractor: The party awarded the contract, its heirs, executors, administrators, successors or assignees.

Vendor or Proposer: Any firm or individual invited by the Purchasing Department, who submits a proposal to fulfill the conditions and terms of this invitation to bid.

5.1 Calendar of Events

February 3, 1997	RFP mailed to vendors
February 14, 1997	Questions due regarding RFP, received by vendors(see Section 5.2)
February 20, 1997	MANDATORY Proposers' Conference-Attendance is required. Failure to attend will result in disqualification from further consideration(see Section 5.2)
March 19, 1997	RFP responses due from vendors
ESTIMATED DATES(not binding):	
April 16, 1997	Semi-finalists selection
April 17-May 30, 1997	Semi-Finalists presentations and trial access
June 11,1997	RFP Award
July 16, 1997	Contract Award

5.2 Questions and Inquiries

If additional information is necessary to assist the vendor in interpreting and responding to the technical and functional aspects of this RFP, questions will be accepted and responses coordinated by David Barber. All questions for interpretations or clarifications to be addressed at the proposers' conference MUST be received in writing via letter, electronic mail, or fax prior to the close of business February 14, 1997 to:

David Barber
Director, New Services Development
OhioLINK
2455 North Star Road
Columbus, OH 43221

phone: (614) 728-3600, ext.328
fax: (614) 728-3610
email: david@ohiolink.edu

The Mandatory Proposers' Conference will be held at 10 AM. February 20, 1997 at OhioLINK, Suite 300, 2455 North Star Rd., Columbus, Ohio 43221.

Oral communications with WSU, OhioLINK, member or participating institutions' employees shall not be binding on WSU and shall in no way excuse the vendor of its obligations as set forth in this RFP.

If additional information is necessary to assist the vendor in interpreting administrative or procedural aspects of this RFP, questions will be accepted and responses coordinated by:

Sharon Murray
Wright State University
Purchasing Department
246 Allyn Hall
3640 Colonel Glenn Highway
Dayton, OH 45435
phone: (937) 775-2411

Certain general questions may be answered by telephone, but all substantive questions must be submitted in writing. Answers to submitted written questions will be provided to all vendors.

5.3 Vendor Incurred Expenses

OhioLINK is not responsible for any expenses incurred by a vendor in preparing and submitting a response to this RFP.

5.4 Cancellation of the RFP

OhioLINK reserves the right to cancel all or part of this RFP at any time. In addition, the issuance of this RFP does not imply any commitment to purchase any products or services from any vendor.

5.5 Non-Appropriation of Funds

In the event that funds for this project are not appropriated or are withdrawn, OhioLINK reserves the right to cancel, without penalty, any contract award resulting from this request.

5.6 Rules for Modification or Withdrawal of Responses

No modifications may be made by vendors to responses to the RFP after they are submitted. However, any vendor may withdraw its response at any time.

5.7 Format of Vendor's Response

Vendor responses must be submitted as specified below. Contents and materials must be clearly marked. Vendors are encouraged to submit additional narrative information, materials, and documents in support of a proposal.

5.8 Submission Requirements

5.8.1 Materials are to be submitted on letter size (8 1/2 x 11) paper and must be presented in loose-leaf notebooks (or in other binders which permit easy photocopying, disassembly, and re-assembly of sections of the response, as desired).

5.8.2 The vendor response sections required in specifications 5.9.1 through 5.9.6 must be included in the order specified and clearly identified in a single volume (volume number 1). Any supplemental materials (e.g. materials submitted to provide additional information) must be included in a second, separate volume (volume number 2) and must be clearly labeled and numbered to correspond to any relevant sections in the RFP.

5.8.3 In order to facilitate the review process, one clearly marked original response and fifteen (15) copies of the proposal must be submitted as stipulated below. NOTE: Copies should be sent with the original response. No telefacsimile will be accepted. Sealed responses designated in the lower left hand corner RFP No. 700197 must be received by March 19, 1997, 3 p.m. EST. The original proposal package should be addressed to:

Wright State University
Purchasing Department
ATTN: Sharon Murray
246 Allyn Hall
3640 Colonel Glenn Highway
Dayton, OH 45435

5.8.4 Deadline. To be considered for selection, proposals must be received in the WSU Purchasing Office by the designated date and hour. The official time used in the receipt of proposals is that time on the automatic time stamp machine in the Issuing Office. Proposals received in the Purchasing Office after the date and hour designated are automatically disqualified and will not be considered. WSU is not responsible for delays in the delivery of mail by the U.P.S., postal service, private couriers, or the intra-university mail system. It is the sole responsibility of the proposer to insure that its proposal reaches the Purchasing Office by the designated date and hour.

5.9 SECTIONS TO BE INCLUDED IN VOLUME NUMBER 1

5.9.1 Vendor Identification Sheet (label as A)

Copy and complete this identification sheet (see Appendix B).

5.9.2 Cover Letter (label as B)

A brief cover letter on vendor stationery must be included with the RFP response. It must (1) state that the RFP has been read and agreed to; (2) include all exceptions which the vendor wishes to note (see 4.3); and be signed by an individual authorized to negotiate with OhioLINK.

5.9.3 Vendor Response Forms (label as C)

(see Appendix C).

5.9.4 Vendor Implementation and Development Plan (label as D)

Provide a narrative description of how and in what time frame the responses to 5.9.3, Appendix C will be implemented and/or developed to effect a transition from OhioLINK's current environment to the vendor's proposed solution.

5.9.5 Cost Information (label as E)

Provide detailed prices and licensing terms for your proposal including all ongoing licensing fees through year 4 as detailed in Section 3.1.

5.9.6 Vendor Qualifications (label as F)

Provide required, verifiable evidence of the qualifications of the staff and organization as detailed in Section 3.12.

APPENDIX B
VENDOR IDENTIFICATION SHEET

VENDOR NAME: _____

VENDOR ADDRESS: _____

The complete RFP response must have the following sections clearly labeled and organized according to the instructions in Section 5 and on this sheet.

Please indicate that the following have been included and sign the bottom of this form.

- A. Vendor Identification Sheet
This sheet, labeled A.
- B. Cover Letter
Signed letter, labeled B (See Section 5.9.2)
- C. Vendor Response Forms
Labeled C (See Section 5.9.3 & Appendix C)
- D. Vendor Implementation and Development Plan
Labeled D, includes all responses to 5.9.3 & Appendix C
- E. COST Information
COST sheets, labeled E (See Section 5.9.5)
- F. Vendor Qualifications
Labeled F (See Section 5.9.6)

I certify that all of the above items have been submitted with this RFP response.

Signed: _____ Date: _____

APPENDIX C
VENDOR RESPONSE FORMS
INSTRUCTIONS FOR COMPLETING THE VENDOR RESPONSE FORMS

Answers are required for specifications listed in section 3. Vendor will complete the following response form for each item and provide corresponding commentary as noted below.

1. STATUS RESPONSES

These require the use of the following codes:

A = AVAILABLE

Definition: Vendor can currently meet this requirement.

PA = PARTIALLY AVAILABLE

Definition: The Vendor can meet the requirement partially or with a slight variation or has plans to implement in the near future. Please specify any variance from the requirement.

NA = NOT AVAILABLE

Definition: The Vendor can not meet this requirement.

2. COMMENTARY

Comments or explanations to any responses must be numbered to correspond to the specification or section to which it refers and presented in numerical order.

Comments and explanations are required for all Sections marked M, HD, or D.

**APPENDIX C
VENDOR RESPONSE FORMS**

This form must be completed indicating for those RFP sections listed the vendor's status (A = Available, PA = Partially Available, and NA = Not Available). In all cases, the vendor should include comments to provide maximum clarification of function, delivery, cost or timing.

Requirements in each section are noted as; must (M), a mandatory requirement; or as highly desired (HD); or desired (D).

<u>Section Required Status</u>	<u>OhioLINK's Status Response</u> (M HD D)	(A PA NA)
3.1	M	
3.2.1	M	
3.2.2	HD	
3.2.3	M	
3.2.4	M	
3.2.5	D	
3.3.1	M	
3.3.2	M	
3.3.3	M	
3.3.4	M	
3.3.5	M	
3.3.6	M	
3.3.7	M	
3.3.8	M	
3.3.9	M	
3.3.10	HD	
3.3.11	M	
3.3.12	M	
3.3.13	M	
3.3.14	M	
3.3.15	D	
3.3.16	M	
3.3.16.1	M	
3.3.16.2	M	
3.3.16.3	M	
3.3.16.4	M	
3.3.16.5	M	
3.3.16.6	M	
3.3.17	D	
3.3.18	M	
3.3.19	M	
3.3.20	M	
3.3.21	HD	

3.4.1	M
3.4.2	M
3.4.3	M
3.4.4	M
3.5.1	M
3.5.2	M
3.5.3	M
3.5.4	HD
3.5.5	M
3.6.1	M
3.6.2	M
3.6.3	M
3.6.4	M
3.6.5	HD
3.6.6	M
3.6.7	M
3.7.1	
3.7.1.1	M
3.7.1.2	M
3.7.1.3	M
3.7.2	
3.7.2.1	M
3.7.2.2	M
3.7.3	M
3.7.4	M
3.7.5	HD
3.8.1	M
3.8.2	M
3.8.3	M
3.9.1	M
3.9.2	M
3.9.3	M
3.10.1	M
3.10.2	M
3.10.3	M
3.10.4	HD
3.10.5	M
3.10.6	M
3.11.1	M
3.11.2	M
3.11.3	HD
3.11.4	M

3.11.5	
3.11.5.1	HD
3.11.5.2	HD
3.11.5.3	M
3.11.5.4	M
3.11.5.5	HD
3.11.5.6	M
3.11.6	M

RESPONSES TO SECTION 3.12 ARE TO BE INCLUDED IN RESPONSE SEPARATELY- SEE SECTION 5.9.6 AND APPENDIX B FOR INSTRUCTIONS

3.12.1	M
3.12.2	M
3.12.3	M
3.12.4	M
3.12.5	M

Appendix A-1: OhioLINK Institutions

					FULL-TIME EQUIVALENT	
					students	see sources
Listed are all University, main and branch and co-located two year college campuses					below	
Included are all medical, law, department, and teaching hospital libraries and their patrons						
UNIVERSITIES						
Bowling Green SU					15560	
firelands					876	
Case Western Reserve U					7795	
Central State U					2632	
Cleveland State U					11039	
Kent State U					16667	
ashtabula					629	
east liverpool					539	
geauga					190	
salem					579	
stark tc					2626	
stark					1560	
trumbull					1117	
tuscarawas					762	
Miami U					15350	
hamilton					1337	
middletown					1484	
Medical College of Ohio					1213	
NEOUCOM(includes 13 teaching hospital libraries)					441	
Ohio State U					44389	
lima					1024	
mansfield					981	
marion					966	
newark					1268	
lima tc					1811	
marion tc					1011	
central ohio tc					1090	
north central tc					1660	
wooster					722	
Ohio U					20229	
eastern					872	
chillicothe					1228	
ironton					1265	
lancaster					1391	

Appendix A-1: OhioLINK Institutions

					FULL-TIME EQUIVALENT	
					students	see sources
Listed are all University, main and branch and co-located two year college campuses					below	
Included are all medical, law, department, and teaching hospital libraries and their patrons						
muskingum tc					1363	
zanesville					843	
Shawnee State U					2642	
U OF Akron					16500	
wayne					877	
U OF Cincinnati					22592	
clermont					1253	
r walters					2187	
U OF Dayton					8409	
Wright State U (includes 10 teaching hospital libraries)					11567	
lake					408	
Youngstown State U					9942	
U OF Toledo					17425	
STATE LIB OF OHIO					2500	
Sub-TOTAL Universities					260811	
Two year Community and Technical Colleges						
Clark State CC					1658	
Columbus State CC					9965	
Cuyahoga CC-west					6771	
Cuyahoga CC-main					3874	
Cuyahoga CC-east					2712	
Lorain CC					3970	
Sinclair CC					9710	
Lakeland CC					4363	
Rio Grande CC					1099	
Edison State CC					1394	
Southern State CC-cent					453	
Southern State CC-north					268	
Southern State CC-south					366	
Washington State CC					1413	
Terra CC					1691	
Hocking TC					4772	
Cincinnati SCTC					2994	
Jefferson TC					974	
Owens CC					4586	

Appendix A-1: OhioLINK Institutions

					FULL-TIME EQUIVALENT	
					students	see sources
Listed are all University, main and branch and co-located two year college campuses					below	
Included are all medical, law, department, and teaching hospital libraries and their patrons						
Owens CC-south					874	
Northwest SCC					958	
Belmont TC					1265	
Sub-TOTAL Two year institutions					66130	
Sub-TOTAL MEMBERS					326941	
Participants						
Capital University					2630	
Cedarville College					2484	
College of Mount St. Joseph					1552	
College of Wooster					1700	
Denison University					1913	
Kenyon College					1539	
Mt. Vernon Nazarene					1631	
Oberlin College					2819	
Ohio Dominican College					1900	
Ohio Northern University					2936	
Ohio Wesleyan					1742	
Ursuline College					1199	
Xavier University					5207	
Sub-TOTAL Participants					29252	
GRAND TOTAL					356193	
For all private colleges and universities:						
FTE SUPPLIED BY LIBRARY DIRECTOR FOR FALL 1995						
For all public colleges and universities:						
FTE FROM OHIO BOARD OF REGENTS FALL 1995 STUDENT INVENTORY DATA						

APPENDIX A-2 POTENTIAL PARTICIPATING OHIOLINK INSTITUTIONS

INSTITUTION	FULL-TIME EQUIVALENT
Antioch University	1,224
Ashland University	3,954
Baldwin-Wallace College	3,391
Bluffton College	800
Columbus College of Art and Design	1,378
The Defiance College	757
Dyke College	910
The University of Findlay	2,178
Franciscan University of Steubenville	1,705
Franklin University	2,667
Heidelberg College	1,005
Hiram College	1,130
John Carroll University	3,976
Lake Erie College	546
Lourdes College	1,029
Malone College	1,644
Marietta College	1,177
Mount Carmel College of Nursing	268
Mount Union College	1,435
Muskingum College	1,177
Notre Dame College of Ohio	578
Otterbein College	2,107
Tiffin University	1,499
Urbana University	817
Walsh University	1,365
Wilberforce University	872
Wilmington College	1,531
Wittenberg University	2,078
TOTAL	43,198
Source: AICUO Institutional Enrollment Survey, Fall 1993	

Appendix A-3

	Interface	machine	license	IP	license	cancel date	1995				1996				1995 total	1996 total	
							fees paid up	/notice	4	1	2	3	4	1			2
ABI/Inform/Ppges	III	olc5	direct	UMI	6/30/97	6/99-60days	58834	87298	90011	79641	132501	148269	140263	80866	138169	389451	507567
vs. year ago												69.8%	55.8%	1.5%	4.3%		30.3%
Per Abs/Ppges	III	olc5	direct	UMI	6/30/97	6/99-60days	338560	438088	372672	227569	563765	601097	541048	239999	578707	1602094	1960851
vs. year ago												37.2%	45.2%	5.5%	2.7%		22.4%
Nwspr Abs	III	olc7	direct	UMI	6/30/97	6/99-60days	67366	77965	65778	39313	83469	72772	66253	33677	73773	266525	246475
vs. year ago												-6.7%	0.7%	-14.3%	-11.6%		-7.5%
Diss Abs	III	olc7	direct	UMI	6/30/97	6/99-60days	44357	48175	44720	40557	48157	51070	49037	41651	54389	181609	196147
vs. year ago												6.0%	9.7%	2.7%	12.9%		8.0%
Nursing	Ovid	medinfo	Ovid	CINAHL	6/30/97	90 days	27743	69544	52743	47419	70079	103792	81574	66406	109149	239785	360921
vs. year ago												49.2%	54.7%	40.0%	55.8%		50.5%
Health	Ovid	medinfo	Ovid	NLM	6/30/97	90 days	8864	16502	14804	15418	20020	25614	23919	16438	24540	66744	90511
vs. year ago												55.2%	61.6%	6.6%	22.6%		35.6%
PsycInfo	Ovid	medinfo	Ovid	NLM	6/30/97	30 days	61362	134066	118706	110860	158461	224083	211908	142051	205786	522093	783828
vs. year ago												67.1%	78.5%	28.1%	29.9%		50.1%
CancerLit	Ovid	medinfo	Ovid	NLM	6/30/97	90 days	3121	6472	7413	7886	7398	10788	11060	9508	10971	29169	42327
vs. year ago												66.7%	49.2%	20.6%	48.3%		45.1%
Medline	Ovid	medinfo	Ovid	NLM	6/30/97	90 days	147596	318190	355848	378463	387178	489972	518846	465361	540015	1439679	2014194
vs. year ago												54.0%	45.8%	23.0%	39.5%		39.9%
Aidline	Ovid	medinfo	Ovid	NLM	6/30/97	90 days	2787	5717	5254	4426	5935	8256	7082	5229	8735	21332	29302
vs. year ago												44.4%	34.8%	18.1%	47.2%		37.4%
BioEthics	Ovid	medinfo	Ovid	NLM	6/30/97	90 days	0	0	0	0	0	5698	4989	3061	6569	0	20317
vs. year ago																	
ERIC	Ovid	medinfo	Ovid	ERIC	6/30/97	90 days	0	0	0	0	0	82600	109043	100382	145888	0	437913
vs. year ago																	
Biol Abs	Ovid	medinfo	direct	Biosis	12/31/97*	60 days	0	0	0	0	0	0	39977	38351	74934	0	153262
vs. year ago																	
Compendex	Ovid	medinfo	direct	Eng, Infor.	12/31/97	30 days	0	0	0	0	0	0	0	5039	23164	0	28203
vs. year ago																	
Art Index	III	olc5	direct	H W Wilson	6/30/97	60 days	8251	18796	15135	12252	24575	27191	18049	10997	25483	70758	81720
vs. year ago												44.7%	19.3%	-10.2%	3.7%		15.5%
Educ Index	III	olc5	direct	H W Wilson	6/30/97	60 days	989	27806	31305	28088	45399	45935	42061	29982	52470	132598	170448
vs. year ago												65.2%	34.4%	6.7%	15.6%		28.5%
Bio & Ag Index	III	olc7	direct	H W Wilson	6/30/97	60 days	0	13254	20264	16857	33156	37857	21413	10642	22202	83531	92114
vs. year ago												185.6%	5.7%	-36.9%	-33.0%		10.3%
Lib Lit	III	olc7	direct	H W Wilson	6/30/97	60 days	0	8474	11338	10661	12516	15431	13167	10718	13864	42989	53180
vs. year ago												82.1%	16.1%	0.5%	10.8%		23.7%
Biography In	III	olc7	direct	H W Wilson	6/30/97	60 days	0	9872	11059	8330	13398	13417	9508	5605	10832	42659	39362
vs. year ago												35.9%	-14.0%	-32.7%	-19.2%		-7.7%
Index Legal	III	olc7	direct	H W Wilson	6/30/97	60 days	0	5438	11462	10167	17874	17698	14811	9560	15745	44941	57814
vs. year ago												225.5%	29.2%	-6.0%	-11.9%		28.6%
Cum Book I	III	olc7	direct	H W Wilson	6/30/97	60 days	0	3159	10299	6734	11192	10970	9250	5007	9320	31384	34547
vs. year ago												247.3%	-10.2%	-25.6%	-16.7%		10.1%
Ess & G Lit	III	olc7	direct	H W Wilson	6/30/97	60 days	0	5830	11634	8797	20527	20523	15668	6720	15662	46788	58573
vs. year ago												252.0%	34.7%	-23.6%	-23.7%		25.2%
Book Rev Dt	III	olc7	direct	H W Wilson	6/30/97	60 days	0	5614	20374	13404	25699	23613	21330	11531	26893	65091	83367
vs. year ago												320.6%	4.7%	-14.0%	4.6%		28.1%
Ap Sc & Te	III	olc5	direct	H W Wilson	6/30/97	60 days	0	13446	35756	32683	56940	64174	56380	35585	57412	138825	213551
vs. year ago												377.3%	57.7%	8.9%	0.8%		53.8%

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	Interface	machine	license	IP	license fees paid up	cancel date /notice	4	1995 1	2	3	4	1996 1	2	3	4	1995 total	1996 total
																	Inc. vs. 1995
Article First	III	olc5	direct	OCLC	3/1/98	30 days	0	0	0	22869	77995	96425	88956	55298	109573	100864	350252
vs. year ago																	247.3%
Med Electives	III	olc7	NA	NA	NA	NA	0	0	0	0	0	0	128	505	869	0	1502
vs. year ago																	
Matter of Fact	III	olc7	direct	Pierian Press	8/31/97	8/99-30 days	0	0	0	0	0	0	0	2325	11226	0	13551
vs. year ago																	
PAIS	III	olc7	direct	PAIS	6/30/97	90 days	0	0	0	0	0	0	0	2020	7952	0	9972
vs. year ago																	
MLA	III	olc7	direct	MLA	8/31/97	30 days											
TOTAL							769830	1313706	1306575	1122394	1816234	2197245	2115720	1444514	2374292	5558909	8131771
vs. year ago												67.3%	61.9%	28.7%	30.7%		46.3%
*data is owned under perpetual license, not leased																	

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							License fees paid up	cancel date /notice
GATEWAYS								
	<u>OCLC FirstSearch</u>						8/31/97	30 days
	World Cat							
	PapersFirst							
	ProceedingsFirst							
	Pro CD Business/Home							
	RILM						6/30/97	
	<u>RLG</u>						6/30/97	30 days
	ETSC							
	Anthropological Literature							
	Avery Index to Architecture							
	History of Science and Technology							
	Handbook of Latin American studies							
	Hispanic-American Periodicals							
	Independent Internet or WWW sites							
	Legi-Slate						6/30/97	30 days
	Gale Research						6/30/97	60 days
	Encyclopedia of Associations							
	Contemporary Authors							
	Encycopaedia Britannica Online/MW's Collegiate Dict.						6/30/97	30 days
	ARTFL						8/31/97	30 days
	Hannah Online(Ohio Legislative Info)						6/30/97	30 days

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							License fees paid up	cancel date /notice	
OTHER DATABASES AT OhioLINK CENTRAL SITE									
	Inso(via Open Text)						6/30/97	6/2001-30 days	
	American Heritage Dictionary								
	OhioLINK Thesaurus of the English Language								
	Columbia Encyclopedia								
	Chadwyck-Healey - full text(via Open Text)*						perpetual		
	English Poetry								
	English Verse Drama								
	African-American Poetry								
	American Poetry								
	Bible Editions in English								
	Editions of Shakespeare								
	English Prose Drama								
	English 18th Century Fiction								
	Oxford English Dictionary(via Open Text)						8/31/2000	30 days	
	Institute For Scientific Information(via proprietary search engine)						12/31/97*/perpetual		
	SciSearch								
	Social SciSearch								
	Arts & Humanities Search								
	*data is owned under perpetual license not leased								

Appendix A-3

Examples of databases of future interest			
		Abstracting and Indexing	Full Text
General Information/Interdisciplinary			
	Book Review Index		Ethnic NewsWatch
	Books in Print		FBIS
	NetFirst (OCLC)		DataTimes Newspapers
	Periodical Contents Index		New York Times
	Women R		Wall Street Journal
			SIRS Researcher
			additional journals via IAC/UMI/EBSCO
			Dialog
			Lexis-Nexis
			Electronic newspapers
Reference			
	Peterson's College Database		Information Please Almanac (Inso)
	Peterson's Gradline		International Electronic Bilingual Dictionaries (Inso)
			World Almanac and Book of Facts
			Le Robert Electronique (Open Text)
Arts and Humanities			
	German Language, Literature and Theater		
			Goethes Werke
	History		
			Patrologia Latina Database
	Humanities		
	Humanities Index		Romantic Literature in Context
	Philosophy		Corpus de oeuvres de philosophie in langue francaise (Open Text)
			Past Masters Series (Open Text)

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Business							
	EconLit				Business and Industry Trends Directory		
					Disclosure		
					Worldscope (Disclosure)		
					Dow Jones News Retrieval Services		
					Dun's Million Directory		
					EIU Country Reports		
					Investext		
					Labor Doc (WWW)		
					Moody's Manuals		
					National Trade Databank		
					Ohio Secretary of State: Corporate Filings/ Ohio Revised Code		
					PC Plus/S&P Stock Reports		
Law					Anderson's Code(Hannah)		
					CIS Netfile (WWW)		
Medicine							
	Excerpta Medica						
Sciences							
Agriculture							
	Agricola						
	CAB Abstracts						
Chemistry	Beilstein						
	Chemical Abstracts						
	Gmelin						
Engineering and Computer							
	Computer and Control Abstracts				American Institute of Aeronautics and Astronautics (papers)		
	NTIS				EI Electronic Village		
					Thomas Register of American Manufacturers		
					ASTM(technical standards)		

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	Geology and Earth Sciences								
		GeoBase							
		GeoRef							
	Mathematics								
		MathSci (WWW)							
	Physics								
		Inspec							
		Physics Abstracts							
	Social Sciences/Sociology								
	Anthropology				HRAF				
	Area Studies								
		ABSEES							
		Bibliography of Asian Studies							
	Communications and Journalism								
	General								
		Social Sciences Index							
		Popline							
		Sociofile							
	Geography								
					TIGER Files(GIS)				
					Digital Chart of the World(GIS)				
					Claritas(census)				
	Political Science								
					CIS Compass				

OhioLINK Citation Databases – Innovative and Ovid
As of January 8, 1997

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	<u>Start year</u>	<u>Update frequency</u>	<u>Update medium</u>	<u>Record count</u>	<u>Storage</u>	<u>INDEXES</u>						<u>Company name</u>	
						<u>Author</u>	<u>Article title</u>	<u>Period¹ title</u>	<u>Subject</u>	<u>Keyword</u>	<u>ISBN</u>		<u>ISSN</u>
ABI/Inform	1971	monthly	9-track	1255112	4.1 GB	F	F,K	F	F,K	K			F,K
AIDSLine	1980	quarterly	CD-ROM	130134	.16 GB	F	K	F	F	K			
Applied Sci	1983	monthly	FTP	845582	1.5 GB	F	F,K	F	F,K	K			
Art Index	1984	monthly	FTP	357125	.47 GB	F	F,K	F	F,K	K			
ArticleFirst	1990	daily	FTP	5915934	8.0 GB	F	F,K	F	F,K	K		F	
Bioethics	1973	quarterly	CD-ROM	50099	.06 GB	F	K	F	F	K			
Biography	1984	monthly	FTP	218475	.27 GB	F	F,K	F	F,K	K			
Biolog & Agric	1983	monthly	FTP	610296	.83 GB	F	F,K	F	F,K	K			
Biological Ab	1990	quarterly	CD-ROM	2123837	3.2 GB	F	K	F	F,K	K			
Book Review	1983	monthly	FTP	377101	.94 GB	F	F,K	F	F,K	K			
CancerLit	1983	monthly	CD-ROM	950085	1.2 GB	F	K	F	F	K			
CINAHL	1982	monthly	CD-ROM	286269	.25 GB	F	K	F	F	K			
Compendex	1980	monthly	CD-ROM	2973420	2.9 GB	F	K	F	F	K			
Cum Book Index	1982	monthly	FTP	746694	.85 GB	F	F,K	n/a	F,K	K			
Dissertation Ab	1861	monthly	9-track	1457898	5.4 GB	F	F,K	n/a	F,K	K		F	

F designates the ability to do fielded searches. K designates the ability to do keyword, but not necessarily keyword phrase searches. See section 3.3.1 and 3.3.2 for a definition of these terms.

OVID databases (boldface) index every field in the record using a combination of fielded and keyword searching facilities.

INDEXES

	<u>Start year</u>	<u>Update frequency</u>	<u>Update medium</u>	<u>Record count</u>	<u>Storage</u>	<u>Author</u>	<u>Article title</u>	<u>Period¹ title</u>	<u>Subject</u>	<u>Keyword</u>	<u>ISBN</u>	<u>ISSN</u>	<u>Company name</u>
Education Index	1985	monthly	FTP	385607	.56 GB	F	F,K	F	F,K	K			
ERIC	1966	monthly	CD-ROM	911441	.75 GB	F	K	F	F,K	K			
Essay Genl Lit	1983	semiannual	FTP	48005	.065 GB	F	F,K	n/a	F,K	K			
HealthSTAR	1975	monthly	CD-ROM	2906152	2.2 GB	F	K	F	F	K			
Index Legal Per	1981	monthly	FTP	225469	.24 GB	F	F,K	F	F,K	K			
Library Lit	1984	monthly	FTP	161381	.2 GB	F	F,K	F	F,K	K			
Matter of Fact	1984	quarterly	9-track	82612	.24 GB	F	F,K	F	F,K	K	F	F	
Medical Electives		as needed	online	911	.002 GB					K			
MEDLINE	1966	monthly	CD-ROM	8774185	6.1 GB	F	K	F	F	K			
Mod Lang Assn	1963	10/yr	9-track	1244049	1.8 GB	F	F,K	F	F,K	K	F	F	
Newspaper Ab	1989	weekly	9-track	4118527	6.4 GB	F	F,K	F	wip	K			
PAIS	1972	monthly	9-track	420330	.66 GB	F	F,K	F	F,K	K			
Periodical Ab	1986	monthly	9-track	2737675	4.3 GB	F	F,K	F	F,K	K			F,K
PsycINFO	1967	monthly	CD-ROM	1122555	.98 GB	F	K	F	F	K			

The chart includes primary indexes available as options to users. There may be additional indexes for internal processing (such as ISSN for holdings link, and database control number for loading updates).

NOTES FOR INNOVATIVE DATABASES:

AUTHOR index includes both primary and secondary authors. In many databases, this index applies to personal names only. In some databases, corporate names are also included.

ARTICLE TITLE: For databases that are exclusively books (BRD, CBI), this index is "book title". For databases that include both articles/essays and books (EGL, ILP, LIB, MOF, PAIS), this index includes both article/essay and book titles. For Dissertation Abstracts, this index is dissertation title. In a few databases, uniform title fields are included here.

PERIODICAL TITLE: In MLA, this index includes source titles (both book and periodical). In ArticleFirst, uniform title fields are included here.

SUBJECT index generally includes just topical headings. In some databases, this index also includes personal, corporate, and uniform title headings as subject. Subject index is being created for Newspaper Abstracts.

KEYWORD index generally includes words from the article title, subject headings, and abstract. In a few databases, other note fields are included.

ADDITIONAL INDEXES:

ArticleFirst: CODEN

Dissertation Ab: Dissertation advisor
Institution name/code [degree granting institution] – both phrase and keyword
UMI control number

Index Legal Per: Citation or statute
Litigants [plaintiff, defendant]
Statute name – both phrase and keyword

Matter of Fact: Author + title keyword
Gov.doc. number
MOF control number

Medical Electives: Keyword in course title, description, director or faculty
Medical school

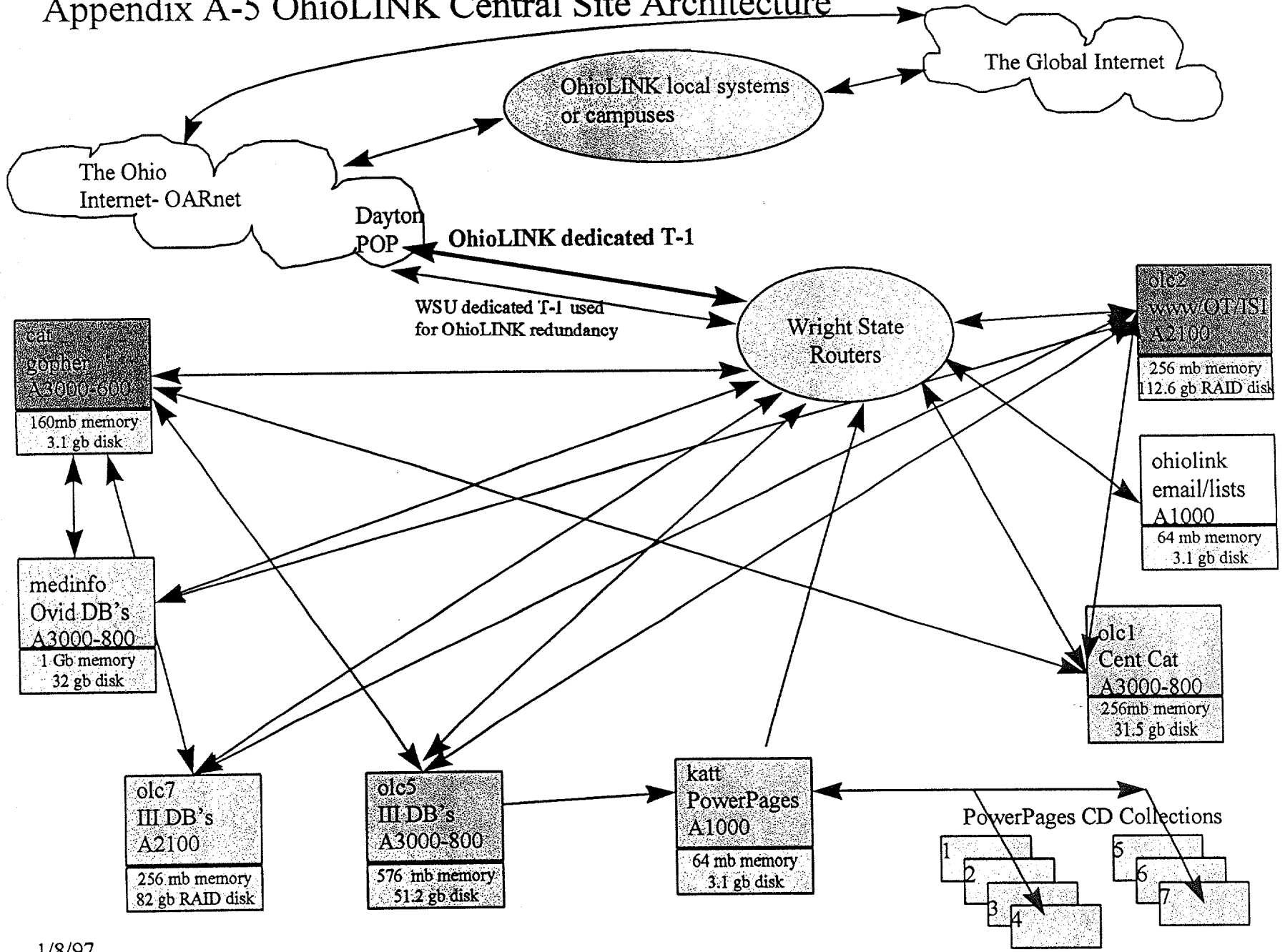
Mod Lang Assn: Series – both phrase and keyword
MLA sequence number

OID DATABASES: Main search menu on every OVID database includes these options:

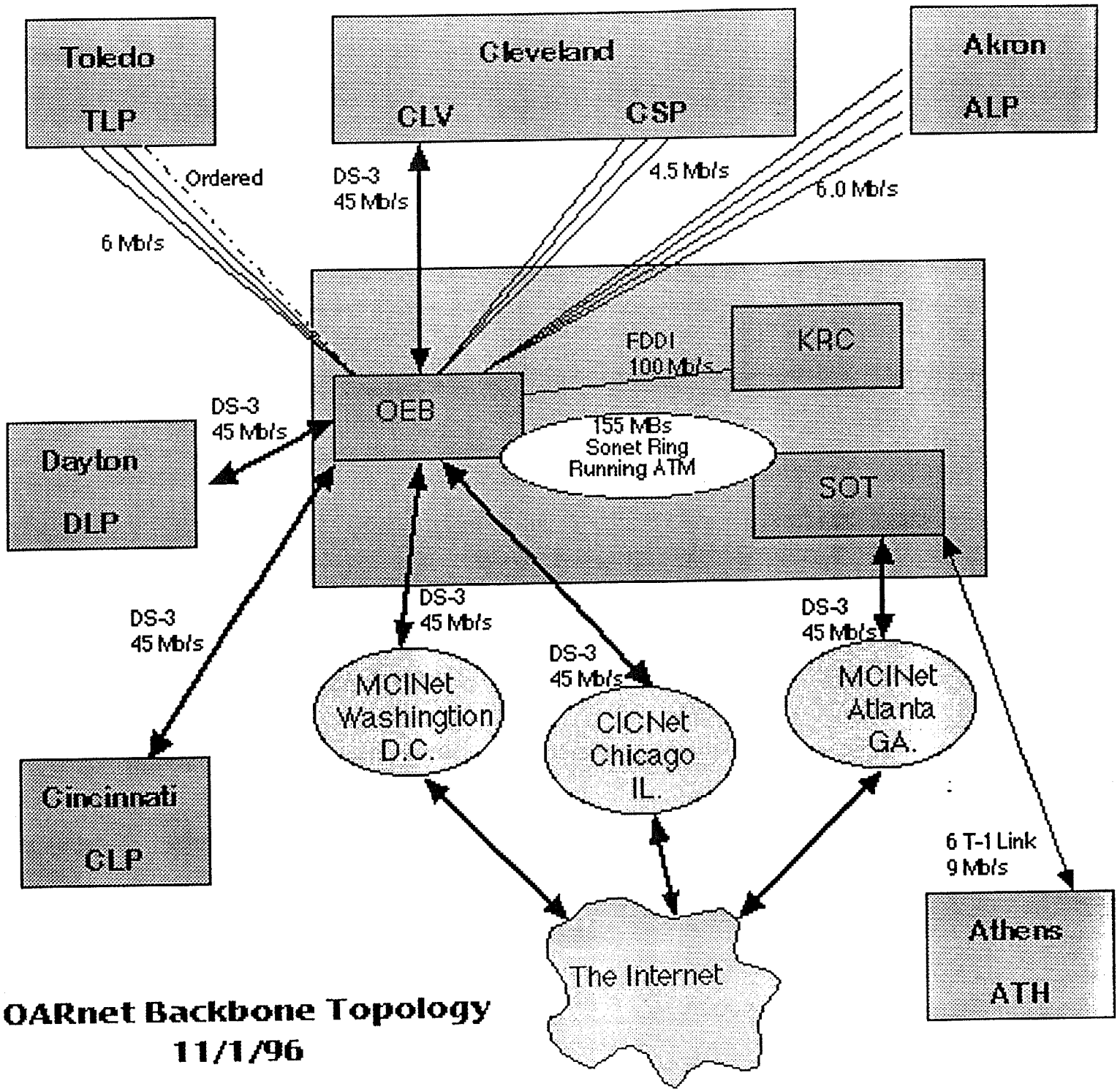
Author
Textword (generally includes words from article title and abstract, but not subject)
Subject
Journal

Through a pull-down menu or command-line searching in full mode, the user can search additional indexes, which include every field in the database.

Appendix A-5 OhioLINK Central Site Architecture



Appendix A-6



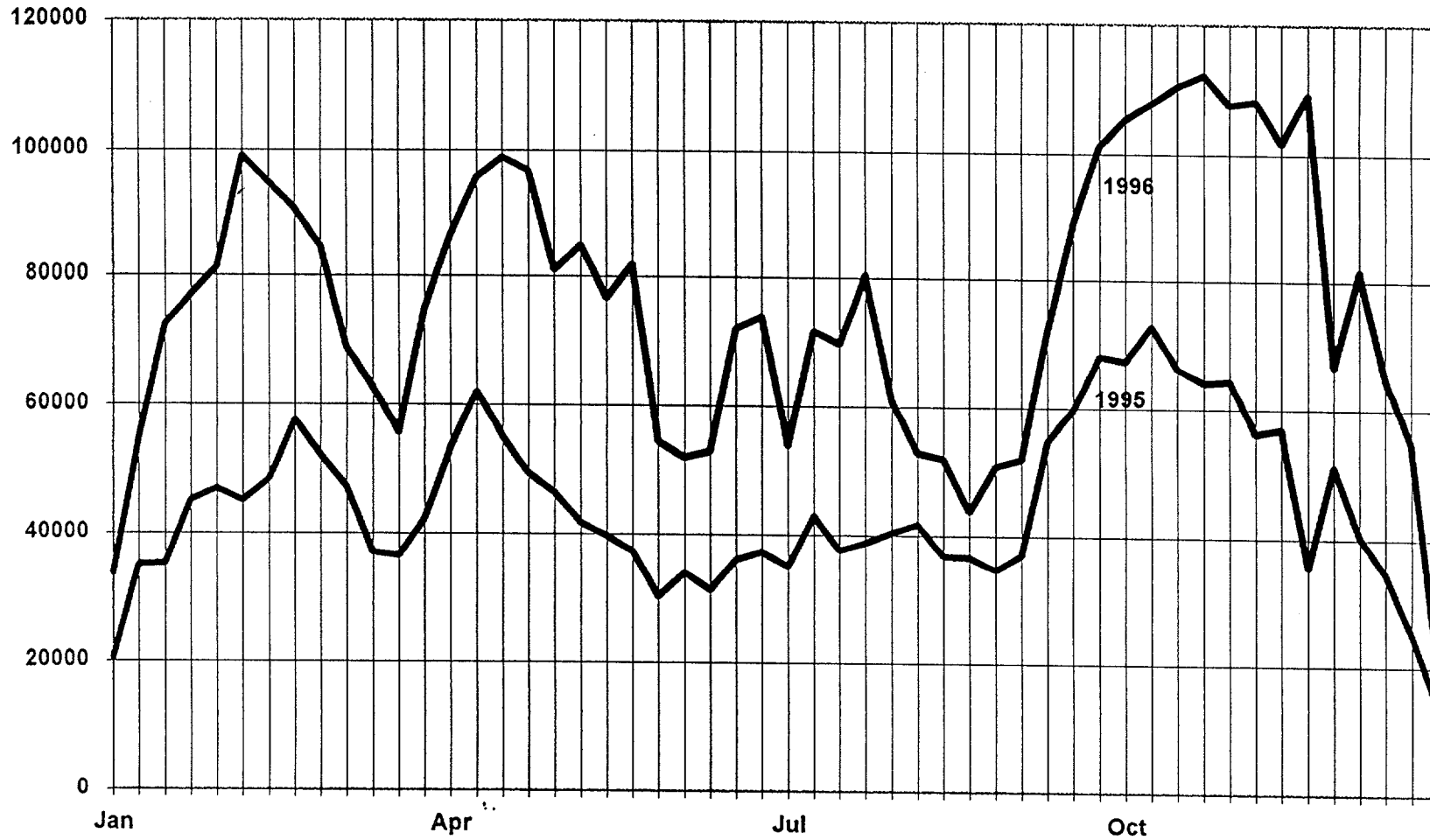
OARnet Backbone Topology
11/1/96

All Reference databases-OhioLINK central site weekly searches

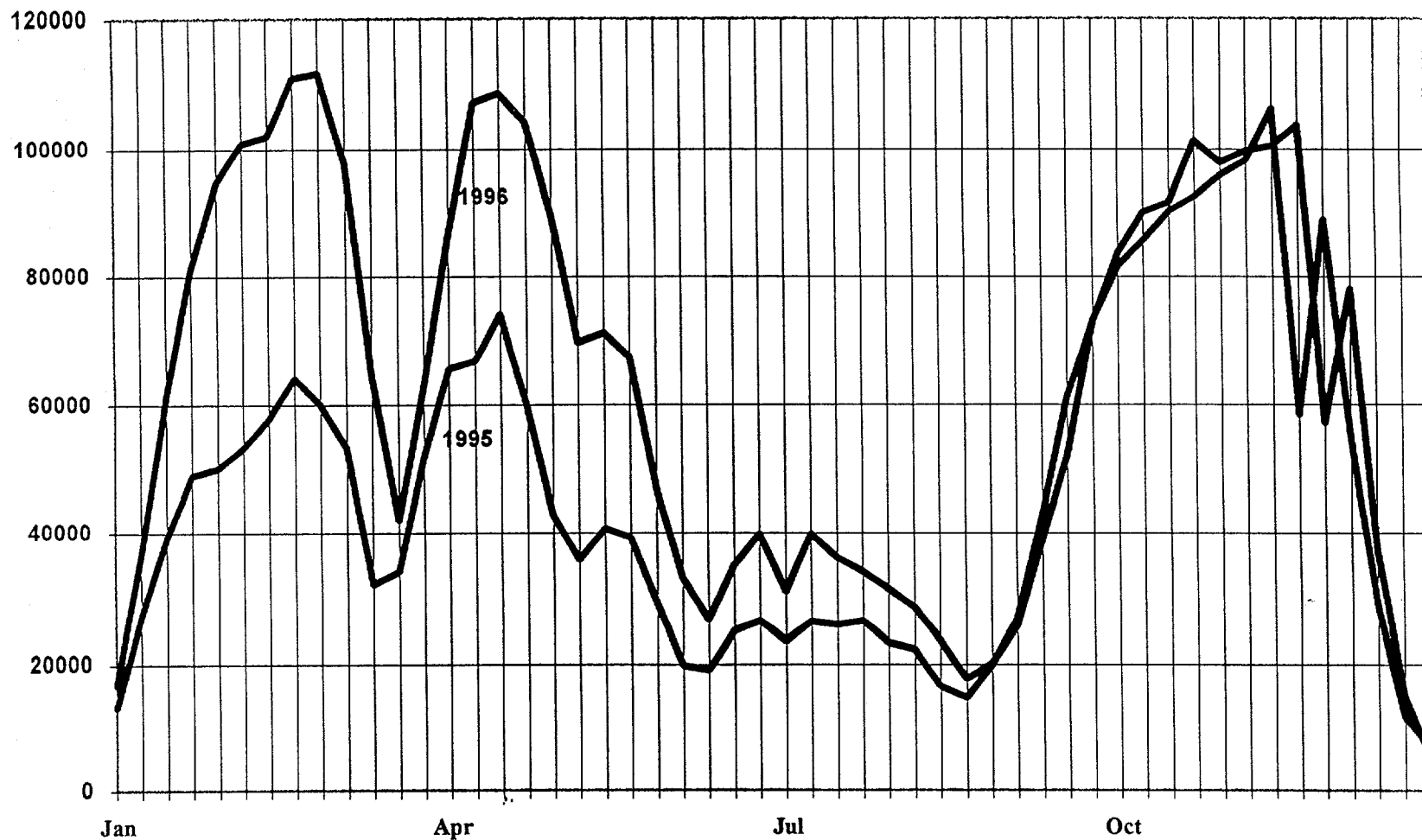


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medinfo databases-OhioLINK central site weekly searches

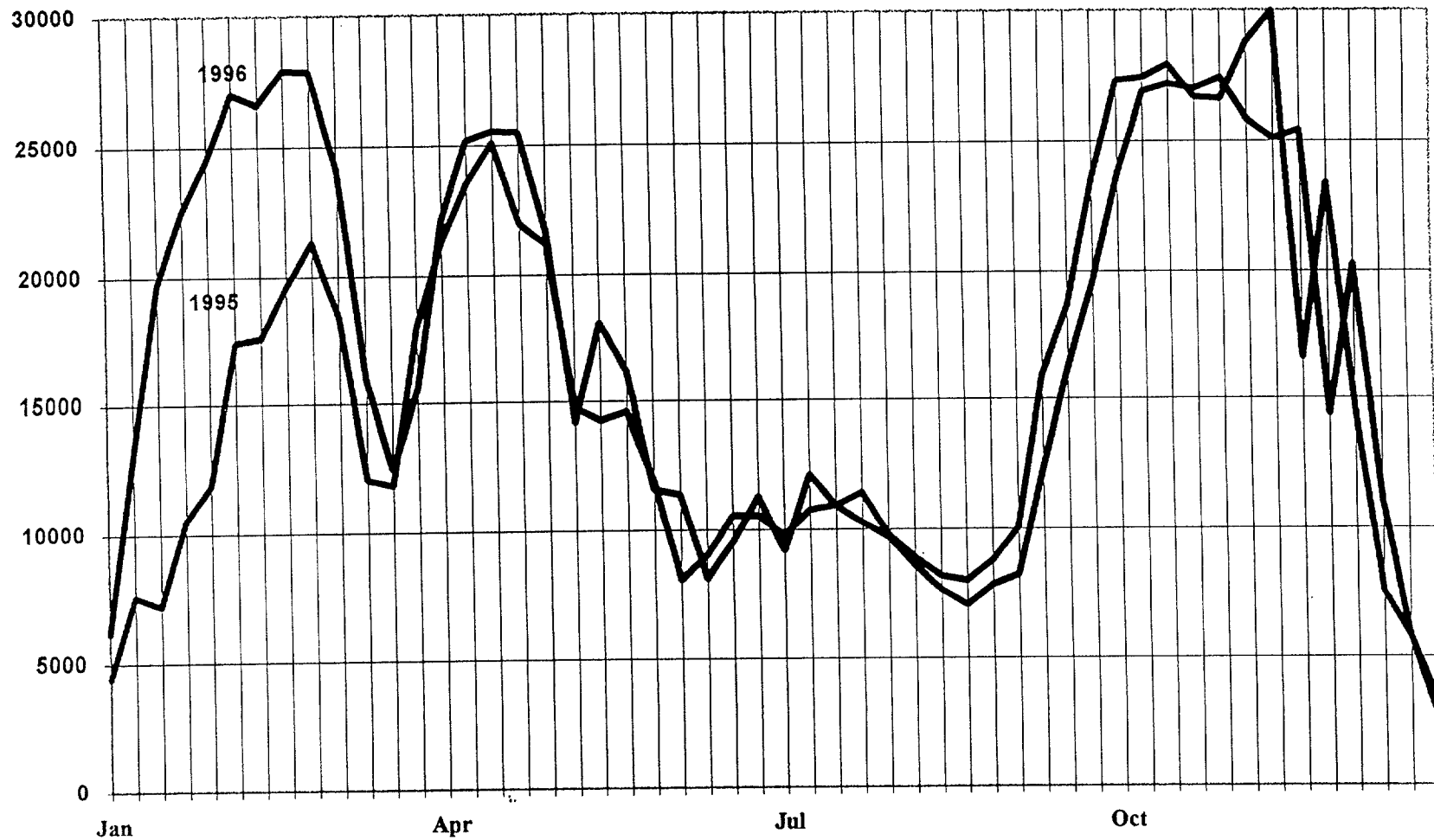


OLC 5 weekly searches-includes history of all current olc 5 databases



Appendix A-10

OLC 7 weekly searches- includes history of all current databases on the machine



Appendix A-11

medinfo, olc 5, and olc 7 Reference Database Machines Simultaneous Users-Weekly Peaks

