

## FLORIDA CENTER FOR LIBRARY AUTOMATION

([WWW.FCLA.EDU](http://WWW.FCLA.EDU))

### FCLA MISSION

Provide state-of-the-art, cost-effective information technology to assist the libraries of the public universities of Florida in their support of teaching, learning, research and public service.

### FCLA SERVICES

**Library Management System:** FCLA supports the traditional library functions of catalog maintenance, circulation, and acquisitions using the Ex Libris Aleph 500 system, a product deployed in 2,300 libraries around the globe including Harvard, MIT, Duke, Minnesota, National Diet Library of Japan, Oxford's Bodleian and the British Library. Ex Libris has 90 of the 124 ARL libraries; 36 of the top 50 European universities and 39 national libraries including the Library of Congress. The Aleph system was acquired through a competitive process that resulted in one-third the cost of what eleven separate systems installed at the university libraries would have cost. Containing 18 million catalog records and 44 million associated business records, the system grew by 1.3 million catalog records in 2009. Other functions include the management of more than 225,000 journal subscriptions and an annual circulation rate of over 3 million items from the SUS libraries. The FCLA/SUS system is one of the largest centralized library management systems in the world.

**Enhanced Public Catalogs:** Through Mango, a user-centered discovery tool built on a combination of commercial and FCLA-developed software, FCLA provides a state-of-the-art interface that includes customized catalogs for each university with student-centered features such as online renewal and request of materials; email notices; text-to-mobile; and links to commercially-licensed content. Additionally, the system provides a combined catalog of the holdings of all of the state university libraries ([catalog.fcla.edu](http://catalog.fcla.edu)). Even in this era of Googlization, the SUS students and faculty perform an average of 16 million searches per year in the SUS catalogs.

**Electronic Resource Management:** FCLA expends \$3.2 million on licensing of approximately 200 online indexes, abstracts, journals, books and other content for SUS-wide use. Acquired at 50% the cost of individual subscriptions, FCLA's centralized operation has resulted in a cost avoidance of over \$47 million since the inception of this service. FCLA also assists the SUS libraries in a variety of services related to electronic resources such as administering the licenses for a suite of library-funded electronic journal packages containing over 4,500 journal titles; collecting and aggregating usage statistics; and providing portals for concurrent database broadcast search that connects the users from the article citations found in any source to the full text content stored on a multiplicity of commercial servers worldwide. On its local servers, FCLA provides two large commercial engineering databases and about 10 small local research databases for the benefit of SUS students and faculty. FCLA also assists the libraries with services for another 400 databases and 40,000 electronic journals held by one or more of the libraries. In 2009, SUS students and faculty performed over 17 million database searches in the FCLA-funded e-resources.

## FCLA SERVICES Continued

**Local Digital Collections:** FCLA provides a set of tools (applications) and services (staff training, problem resolution) that help libraries build and give access to digital collections. Supported applications include DigiTool for content management, Archon for creating finding aids for archives, the Open Journal System for electronic journals, EPrints for disciplinary and institutional repositories, and a locally developed system for electronic theses and dissertations (ETDs). These central services support both university- and library-created digital content, which includes 11,096 online ETDs as well as a number of scholarly journals associated with SUS faculty. FCLA coordinates the PALMM (Publication of Archival, Library and Museum Materials) program ([palmm.fcla.edu](http://palmm.fcla.edu)), Archives Florida, and Florida Voices, through which more than 60,800 online books, maps, manuscripts, photographs, oral histories and other materials from SUS collections are stored on FCLA's servers. Another 269,000 items are available through Florida on Florida, the statewide virtual collection of Floridiana maintained by FCLA.

**Digital Preservation Repository:** Digital preservation ensures that library materials in digital formats will remain usable into the indefinite future, even as file formats and access technologies change. FCLA provides the Florida Digital Archive as a long-term preservation repository for the libraries' local digital text, images, audio, and video (including electronic theses and dissertations). The Florida Digital Archive is based on repository software developed by FCLA and is recognized internationally as one of the leading digital preservation sites in the U.S. At this time the repository stores more than 26.9 million files submitted for archiving by the SUS libraries, and is growing by over 500,000 files per month.

**Technology Infrastructure:** FCLA system administrators manage the computer systems used to provide the above services to the SUS libraries. With well over 100 servers (51 physical, 91 virtual), 311 TB of disk storage, and 1,820 TB of tape capacity, the FCLA operation provides a substantial infrastructure to support the SUS libraries. FCLA has consolidated servers and applications through virtualization to reduce costs to the maximum extent currently possible. FCLA's production systems are located at UF's CNS and the COOP systems are located at FSU's NWRDC. UF and FSU provide network connectivity to FLR and the public internet.

**Other Library Services Paid By FCLA:** Four specific expenses are paid by FCLA on behalf of the SUS libraries: Library IT upgrades; RapidILL (a journal article delivery service); the Florida Library Network statewide delivery courier; and the telecommunication costs to OCLC, the world's source of cataloging data. The OCLC cost is half of what it would be if paid separately by libraries of the 11 universities.