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# Creation of e-Library for Moldova Universities

## Integrated Library Systems development trends

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# Integrated Library Systems

- Electronic materials, such as subscription-based, open access, and repository based articles, e-books, multi media content, paper books, serials, and others are entirely different, set of library rules and policies – how library acquire, describe and manage these materials, how access by their patrons can be mediated. Each of the library services platforms takes a different tasks.

## Digital Library System

Content Management,  
Electronic Resource,  
eBook Publish

## Integrated Library System

Catalogue, Circulation, OPAC, Acquisition, Series

LIS



## Patron Service System

Access Control, Digital Signage,  
Reading Logs

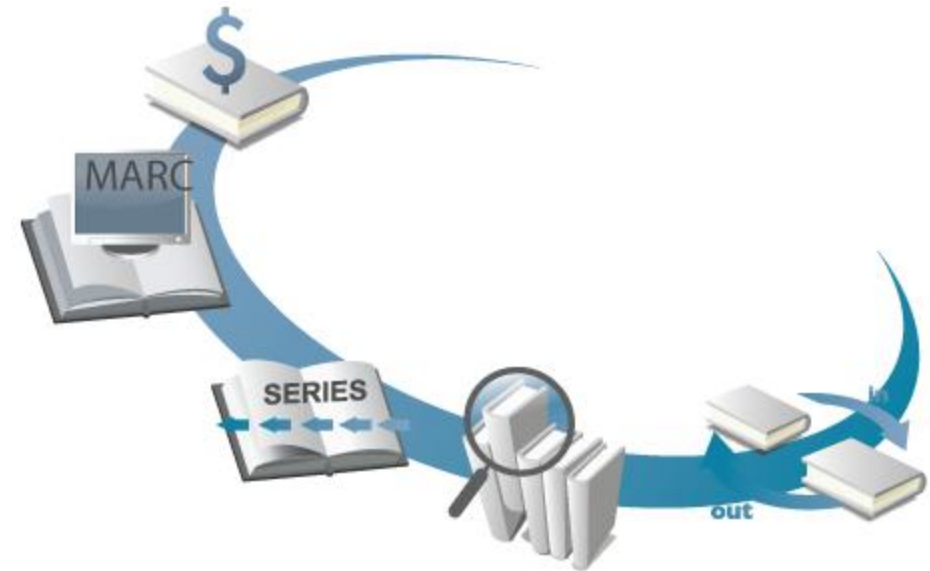
## Library RFID System

Anti-theft, Self Service, Inventory

# Choice criteria

- Libraries choosing ILS are currently in a situation where their primary focus needs to be on meeting end user or library member needs.

So, given limited financial and staff resources, we have to make a choice about where they will focus their resources.



# Creation of e-Library

- When we looking at the integrated library systems we can see different technologies using for creation, different technical level need for the one or the another ILS, and library has a main and very important question which system is better for one's needs.
- The most well known vendor and systems in such field are: Ex Libris (Aleph and Alma).



# Aleph by *Ex Libris*

- For over 20 years Aleph has been the integrated library system of choice for libraries and library consortia worldwide that require the ultimate in configuration flexibility. Aleph system configuration can be tailored to meet virtually any library policy or procedure, enabling the creation of unique policies and workflows.
- Ex Libris ILS solutions address the needs of libraries of all types and sizes, ranging from smaller libraries, operating with limited resources, to the largest libraries and consortia.



# Aleph by *Ex Libris*

## Key benefits:

- **Flexible**—Customizable components are tailored to accommodate the requirements of institutions of all types and sizes, from single-branch libraries to the largest of consortia and national libraries.
- **Easy to use**— User-friendly workflows and intuitive interfaces increase staff efficiency and enhance the patron experience.
- **Scalable**—Growth and expansion features enable libraries and consortia to continually re-envision and recreate their unique working environments.
- **Open** —Built on an Oracle® database, Aleph runs on a range of operating systems. Employing system-wide XML technology, Aleph offers third-party integration through an XML gateway. Aleph is based on industry standards, resource-sharing capabilities, full connectivity, interaction with other systems and databases.
- **Multilingual and multiscrypt**—Full Unicode support provides multidirectional and multiscrypt text capabilities. Users can interface with the system in their preferred language, and libraries can create new language interfaces.



# Discovery tools – Primo

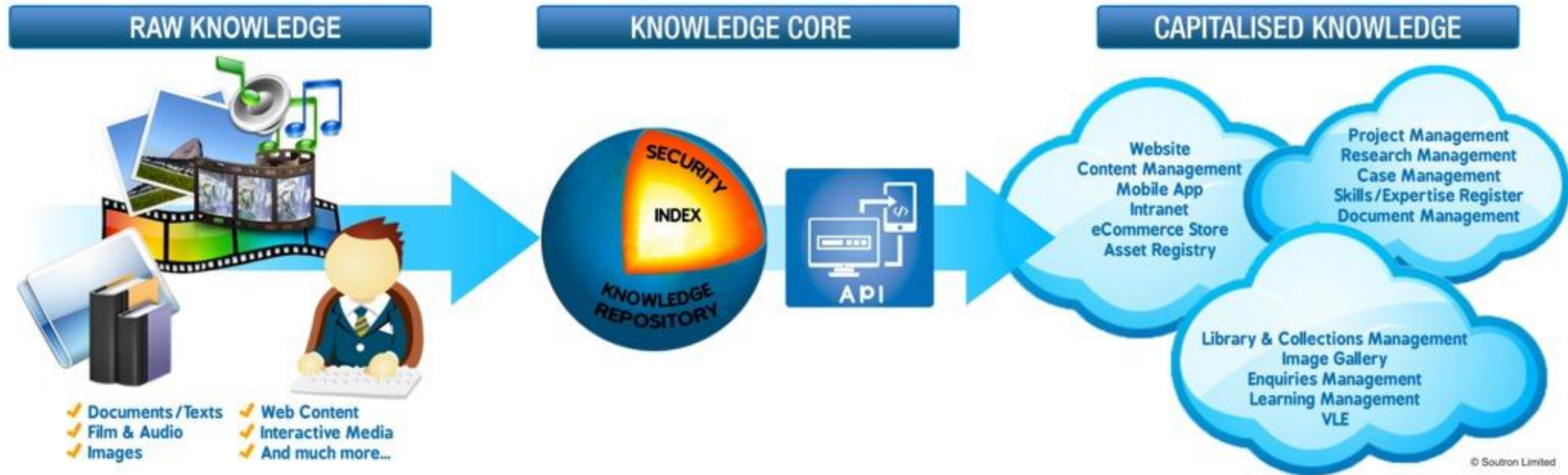
- *ExLibris* Primo empowers libraries to shape the discovery experience, providing students, faculty and staff an intuitive, end-to-end service, and maximizing the value of library collections.
- Primo helps libraries increase the impact of their collections, promote the visibility of library services, and demonstrate their value to decision-makers across academia.
- **Support for academic research** through numerous academic resources available in [Primo Central Index](#), with comprehensive metadata and full text coverage.



# Discovery tools – Primo

- **Rich analytics and reporting**, providing insights to enhance user experience and optimize collection development.
- **Promotion of local content**, enabling libraries to highlight unique collections.
- **Brand visibility**, easily tailoring look and feel to create the library's very own discovery environment.
- **Unique capabilities for library consortia**, enhancing collaboration while maintaining flexibility for member institutions.

# ILS Future



# ILS Future

- Supports the entire suite of library operations— election, acquisition, metadata management, digitization, and fulfillment—for the full spectrum of library materials, regardless of format or location.



# ILS Future

- **Cloud-based service:** Offered as a cloud service to increase the return on investment and reduce the total cost of ownership of the library's infrastructure, and to provide access to shared data and services
- **Intelligent collection development:** Alma allows you to maximize your collection development budget with selection, acquisitions, and evaluation processes informed by usage information, cost per use, and the holdings of peer collections.

# Creation of e-Library Goals

- The main goal of this package is to create e-library and implement new modern virtual services for Moldova Partner Libraries and academic community. Equally to develop information infrastructure for Partner Libraries and equip with main hardware and Integrated Library System software and organize information services for students and researchers.



# Creation of e-Library Goals

To achieve this goals was:

- Reviewed and analyzed current situation of IT networking structure, modernization plan for Partners Libraries was prepared.
- According to it we prepared requirements for the Integrated Library System (ILS)
- Announced the international tender for the purchasing advanced integrated Library Information System (LIS)
- According to Suppliers documents submitted and Questionnaire answers, get from participants, winner was chosen. Best meets the requirements of the ILS system was acclaimed ExLibris (Israel).

# WP1 Working Group

Group of several library experts from EU countries (Lithuanian University of Health Sciences, Lithuania and Riga Technical University, Latvia) and Moldova (Partner Libraries) was created and are responsible for WP1, including LIS implementation to the Moldovan universities libraries:

1. Daiva Jurkšaitienė, group leader, LT
2. Sarmīte Krauze, LV
3. Oksana Zaiceva, LV
4. Silvia Ciubrei, MD
5. Igor Afatin, MD



# Trainings and Study Tours

The trainings and Study Tours took part on site, in July, September and in October:

- Aleph system administration (for System Librarians)
- Cataloging + MARC21
- Circulation
- Serials
- Primo

Training material of all courses was prepared, printed and distributed to all participants and after the courses uploaded to the MISIQ web page:

<http://misisq.usmf.md/>



# Conclusions

- Moldova Partners purchased Aleph and Primo available in the all Partner Libraries.
- Integrated Library System provides the information infrastructure that libraries need nowadays, ensuring that academic, research, and national libraries continue to offer staff and users solutions they need to meet their ever-evolving needs.
- Aleph and Primo solutions allow the integration of library data into other user environments, such as university portals and virtual learning systems.



# Conclusions

- Aleph and Primo platforms enable library to deliver the experience and services required to keep up with increasing user expectations, to provide extensive self-service options for ordering materials and managing user accounts, enable the library to provide users with a universal solution for the discovery and delivery of all material types regardless of format and location.
- Integration of ILS will reform essentially universities' libraries, modernize it and transfer to significantly higher level.

Thank  
you

