



# Digital Forever

ExLibris **Rosetta**



Digital Preservation System



## About Ex Libris

Ex Libris is a leading provider of automation solutions for academic libraries. Offering the only comprehensive product suite for electronic, digital, and print materials, Ex Libris provides the efficient, user-friendly products that serve the needs of libraries today and will enable them to transition into the future. Ex Libris maintains an impressive customer base serving thousands of sites in more than 70 countries on six continents.

Dedicated to developing creative solutions in close collaboration with our customers, Ex Libris enables academic, national, and research libraries to maximize productivity and efficiency and, at the same time, greatly enhance the user experience. By empowering patrons to discover and obtain the information they need, libraries ensure their position as the bridge to knowledge.

For additional information on Ex Libris Group, see <http://www.exlibrisgroup.com>

In an era characterized by large quantities of material being developed in digital formats, research data sets, electronic publications, multimedia files, Web sites, and blogs have become key components in the collections and repositories of academic and national libraries.

Charged with managing, preserving and sharing cumulative knowledge, national and academic libraries around the world are searching for a solution that will support this massive task. To help these institutions fulfill their mission and ensure that scholarship and cultural assets remain accessible for future generations, Ex Libris Rosetta provides a highly scalable, secure and easily managed digital preservation system.

## The Digital Preservation Challenge

**Scale:** With the tremendous increase in electronically generated and digitized material over the past decade, library collections and repositories now contain many millions of digital items, including audiovisual materials, digitized prints, electronic articles, research data sets, and Web sites.

**Life cycle:** Electronic forms of publication are subject to constant updating, resulting in shorter information life cycles (for example, non-archived Web sites may be lost forever). A digital preservation system must therefore support timely, large-scale ingestion of new material, as well as the management of different versions of the material.

**Format:** As digital formats continue to change over time, institutions must ensure that their digital content is preserved so that it can be viewed, listened to, and explored in the future, even if the original technology becomes obsolete.

## The Ex Libris Solution: Connecting Past, Present, and Future

Leveraging the most current technologies, Rosetta enables institutions to preserve and provide access to the collections and research data in their care, now and in the future.

**Scalable:** Built on a distributed architecture that can support multiple, flexible server configurations, Rosetta can scale up to manage digital collections of any size. By separating the working repository from the permanent one, it offers the security and redundancy required for the safety of these collections.

**Functional:** Rosetta can support the functional needs of institutions that receive vast numbers of digital items on an ongoing basis. Batch loads, staging areas, and multiple deposit hierarchies enable users to manage the ingestion of new material efficiently and effectively.

**Flexible:** Easy setup options allow institutions to configure Rosetta to support their unique requirements and adhere to governing bodies' guidelines, when appropriate.

**Standards-based:** Based on the Open Archival Information System (OAIS) model and conforming to trusted digital repository (TDR) requirements, Rosetta provides institutions with the infrastructure and technology needed to preserve and facilitate access to the collections under their guardianship.

**Accessible:** Preserved digital entities are delivered via viewing applications for constantly evolving format types—supplied as part of Rosetta and third-party applications. Built-in integration capabilities enable the system to accept delivery requests from discovery and delivery applications such as the Ex Libris Primo® solution while ensuring that item-level access rights are enforced.

## Rosetta Highlights

**Active Preservation:** Once Rosetta has determined a risk, the user may develop a preservation plan. The plan is developed using best known practices and community-shared knowledge. The plan can be tested and it can even be reversed once implemented without impacting the permanent storage. Once the plan is implemented the original file remains in the permanent storage.

**Format Library:** The global format library is a central hub for all Rosetta institutions to share format risks, applications information, and metadata extraction tools.

**Open and integrative:** Rosetta comes with an impressive set of APIs and integration points. In addition the software development kit (SDK) allows customers to develop their own submission application and viewers.

**Standard Configuration:** Rosetta can be easily installed using the out-of-the-box configuration. Rosetta comes with a large set of data, tools, and plug-ins to enable the installed environment to be running in a very short time.

**Web interface:** all Rosetta's configurations and management can be done via the web interface with no need to install any client-side application.



Community driven  
Knowledge Base



Active  
Preservation



Scalable



Open & Integrative



Web Interface



OTB Configuration

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