

# ExLibris Preservation



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 format, cultural heritage collections are taking on new forms, such as Websites, blogs, electronic publications, and multimedia files. In addition, a great deal of older non-electronic material is being digitized as part of ongoing efforts to improve conservation and accessibility.

Charged with preserving the collective memory and cultural heritage of their constituencies, national libraries and cultural archives around the world are searching for a solution that will support the massive task of collecting and preserving digital material. To help these institutions fulfill their mission and ensure that cultural heritage assets remain accessible for future generations, Ex Libris offers 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, national collections contain many millions of digital items, including digitized prints, electronic articles, audio visual materials, and Websites.

**Life cycle:** Electronic forms of publication are subject to constant updating, resulting in shorter information lifecycles (for example, non-archived Websites may be lost forever). A digital preservation system must therefore support timely large-scale ingestion of new material, as well as management for 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, the Ex Libris Digital Preservation System enables national and cultural institutions to preserve the heritage of the past for the benefit of future generations.

**Scalable:** Built on a distributed architecture that can support multiple flexible server configurations, the Digital Preservation System is designed to handle extremely large digital collections. By separating the working repository from the permanent one, it offers the security and redundancy required for the safety of these collections.

**Functional:** The Digital Preservation System supports 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 the Digital Preservation System to support their unique requirements and adhere to governing bodies' guidelines.

**Standards-based:** Based on the Open Archival Information System model and conforming to Trusted Digital Repository requirements, the Digital Preservation System provides national institutions with the infrastructure and technology needed to preserve and facilitate access to the digital heritage collections under their guardianship.

**Accessible:** Preserved digital entities are delivered via viewing applications for constantly evolving format types—supplied as part of the Digital Preservation System and via 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.

## Developed in Collaboration with a World Leader in Digital Preservation

The Ex Libris Digital Preservation System is a revolutionary commercial system developed in partnership with the National Library of New Zealand in support of the library's National Digital Heritage Archive (NDHA) program.

The National Library of New Zealand initiated the NDHA Program to find a solution for storing, preserving, and providing access to the ever-growing digital heritage collections under the library's guardianship. The NDHA program outlined the requirements for a system that would secure the integrity, authenticity, and therefore, trustworthiness of digital material deposited with the National Library and would interoperate with other digital library software.

To ensure broad acceptance and conformity to general access and archiving conventions, requirements for the system incorporate the input of an international peer review group made up of recognized thought leaders and innovators from library and academic communities around the world.

Serving as an international model for the implementation of digital preservation and the ongoing management of digital materials, the Ex Libris Digital Preservation System will be made commercially available to other organizations that seek to preserve and provide access to such information.



“ The ground-breaking National Digital Heritage Archive will realize a solution to the global need for digital preservation technologies. We’re excited about working with Ex Libris Group to the benefit of the international library community. ”

Penny Carnaby, chief executive of the National Library of New Zealand

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