libnova
the digital preservation company

libsafe

Digital Preservation Made Easy.

DIGITAL PRESERVATION PLAN DESIGN AND MANAGEMENT

Every day more and more knowledge is generated, consulted and stored in digital formats. Institutions, public organizations and businesses need **to ensure the integrity and long-term accessibility of the digital collections** where they have deposited their information, knowledge and culture. This is the objective of digital preservation.

In order to guarantee the conservation and future revitalization of your digital archives, it is not enough to digitise, store and disseminate. Digital preservation is an active task that continues throughout the information life cycle. Long-term preservation begins by taking short-term actions that allow you to take control of the content and data in your digital collection and track its evolution.

libsafe is **libnova**'s tool based on the OAIS standard and norm ISO 14.721 for designing and implementing digital preservation plans.

EXTREME SIMPLICITY

It's not necessary to be an IT genius or an expert in OAIS to design an efficient digital preservation plan because **libsafe** employs the language of the collection's manager.

QUALITY AND SECURITY

libsafe automates ingest, control, revision, audits and error corrections according to the criteria that you establish.

It creates a layer of abstraction between the user and the digital object, always avoiding manual access to the preserved copy.

UP-TO-DATE DATA

Permanent inventory of the preserved collection and its current state.

libsafe keeps track of changes, migrations and future transformations, maintaining their traceability and integrating the necessary metadata.

INTELLIGENT WARNINGS

libsafe automatically generates notifications and warnings according to planned audits and actions, which is why it efficiently manages the collection so that you can sit back and relax.

EASY TO INTEGRATE

libsafe is based on standards and can easily be integrated with your current storage, cataloguing and management system.

It works well with **libdata**, a very efficient storage system designed especially for long term digital preservation.

LIBNOVA SERVICES

libnova can offer you all the experience it has acquired while developing its products.

We can help you design and implement the optimal preservation plan for your organization and its digital collections.

libsafe is **libnova**'s tool for designing, implementing and managing digital preservation plans. It's available in two versions: *standard* and *advanced*. The *standard* version uses basic OAIS properties while the *advanced* version has more sophisticated characteristics needed for certain applications.

Preservation plans:	▪ Based on OAIS standard and the norm ISO 14.721 ▪ Supports several preservation plans that can be assigned to different types of digital materials. ▪ Indexation and searches within any field, metadata or object content. ▪ Efficient for any size collection: from 100 to 250,000 objects or even more.
Object ingestion:	▪ Automatic confirmation of the objects' characteristics as outlined in the ingest plan (folder structure, names, extensions, file size). ▪ Automatic correction of basic naming errors.
Audits and notifications:	▪ Automatic audits that can be programmed to track the accessibility and integrity of disks and objects. ▪ Automatically corrects access errors if possible, or notifies the operator so that he can make a decision. ▪ Sends audit results and potential risk analysis by email.
Metadata:	▪ Independent metadata schema according to the uploaded material, allowing you to do comparisons and conversions between them. ▪ When recovering an object, you always receive the most up-to-date metadata.
Extraction:	▪ Consultations and extractions according to METS protocols and other standards. ▪ Access permissions management for objects preserved at the user, group or role level. ▪ Massive recovery for many objects at once – or the entire collection – in just one process. ▪ Always access a copy of the object. The original is not subject to manipulation errors.
Integration:	▪ **libsafe** works with your current storage. It can also be integrated with **libdata** as a low-cost storage system with optimal services for preservation. ▪ Easy integration with diffusion systems, catalog or document management using URL.
***Advanced* version:**	▪ Advanced checkings during the ingest stage: detects fuzzy images, lighting differences, absent content, or duplicates. ▪ Metadata updating services: update or convert the metadata associated with an object, maintaining all previous versions. ▪ Advanced detection of object collisions: rules for duplicate object detection and help with deciding to preserve earlier versions, eliminate or keep the duplicate.
Technical requirements:	▪ Microsoft Windows Server 2008R2 with Internet Information Server and WAMP stack. ▪ Quad Core 64 bit Processor with 12Gb RAM. ▪ 700 Gb of disk space for the system and database. Preservation storage according to usage.

libnova: digital preservation made easy.

libnova's mission is to offer you our products and our experience to help you meet your goal: **Preserving the knowledge and the memory of the future**. We have adapted these tools to the digital object's life cycle (creation-dissemination-preservation) and to the user's needs, making them intuitive, powerful and flexible.

Would you like to know how **libnova**'s tools could help you? Get in touch with us and give us 30 minutes. We will show you how they can contribute to the success of your digitisation, preservation and digital dissemination projects.