LIBNOVA SAFEBOX: Digital preservation, streamlined.

Accessioning and preserving digital content and records has been a complex, expensive and demanding process. Until now.
SAFEBOX allows your organization to create an advanced, agile and high-performance digital preservation repository, without the hassle.

By using Artificial Intelligence and other innovative technologies, SAFEBOX completely changes the way this process is managed today and makes it possible for any organization to achieve a great preservation level, even with currently available resources.

Accessioning and preserving digital content and records has been a complex, expensive and demanding process. Most of the time, the information comes unstructured, with millions of files arriving in unexpected ways and formats. An enormous amount of resources are needed to properly manage it.

As more content is received than there is processing capability to handle it, content gets queued for months or years. Meanwhile, content is neither protected, nor accessible as it should be.

When the time comes, it is usually too late for proper preservation.

Receive securely. Ingest massively.
Allow 3rd parties to securely deposit content online or offline into your system. You can create forms to be filled out. Loading your own content is simple, secure and easy.

Active data protection.
Fixity information is created and verified periodically. 100% durability guaranteed. Several copies, different providers, different technologies.

Automatic Screening Process.
Duplicates, non-supported or obsolescent formats, malware, corrupted or password-protected files are found and reported.

Content Indexing. Blazing fast searching.
Headers and content are extracted and indexed for easy search. OCR of images included. Personally Identifiable Information (PII) is detected. A blazing fast, powerful search interface is available.

Workflow management.
Assign the deposit to the department in charge of processing. Track status. Keep changes.
With SAFEBOX,

You are more capable: Your data intake process is secure, automated, simplified and always under control.

- External content submissions are managed by the Transfer Portal, that is a page in your existing website that allows your producers (Government Agencies or other 3rd parties) to send content to you, under your policies and authorization. You can always ingest your own content.
- You can create submission policies that producers will use to send content to you. You can create forms they will need to fill out to submit content.
- End-to-end integrity is guaranteed, as fixity information is generated by SAFEBOX, even before the content leaves the producer’s infrastructure.
- SAFEBOX supports on-line and off-line data transfer (using hard disks).

You are proactive: You are warned if the received content is defective. You can immediately ask the producer to solve it.

- SAFEBOX analyzes and creates a report on the received content, in a completely automated way and without needing any assistance from you.
- Using advanced and efficient processes, based on machine learning technologies, SAFEBOX is capable of detecting:
  - Duplicated content, in a deposit or repository-wide.
  - Malware, with an innovative dual scan engine (two antivirus engines are used).
  - Password-protected or encrypted files.
  - Non-supported file types or obsolescent formats, using advanced characterization tools.
  - And recognizing Personally Identifiable Information (PII), such as credit card numbers or social security numbers, even on images or photographs.
You are safe: When your content is in SAFEBOX, it is protected.

- For the cloud edition, 100% durability of your data is guaranteed. Every file is saved in 5 different locations (with 12 datacenters to choose from worldwide, including US and EU), and in two separate providers and technologies (Microsoft Azure + Amazon Glacier).
- Your data is yours: Using SAFEBOX Takeout, you can extract all your data in plain format, anytime, without even asking LIBNOVA.
- Every change made by your users is tracked and stored.

You are empowered: Blazing fast, full text, smart search makes finding everything easy and convenient.

- SAFEBOX indexes everything: file content, headers and filenames, deposit metadata. Even the text found in images! Search results, in less than two seconds.
- With Smart Search, even your object metadata gets indexed, with a wide range of formats and encodings supported.

You are in control: Organizing inter-departmental work has never been easier.

- Deposits and content usually need to be processed by different people over time. You can create a workflow and group your deposits by status, representing what needs to be done. You can then assign the work to your team, so everybody knows what to do.
- Extensive status reporting over the workflow is offered. You know what the status of everything is, all the time.