



Scanning is just
a project.

Using the scans
is your future.

What comes after digitization?

Getting value out of your digital repository

www.geneza.com

Hello!

We are [geneza.com](https://www.geneza.com)

We are here to share our experience on **what works**
and what doesn't when creating a digital library.

Real projects, real needs, real solutions

a non-exhaustive list of libraries, publishers, higher education



What is a real Digital Library?

Digital Archive?

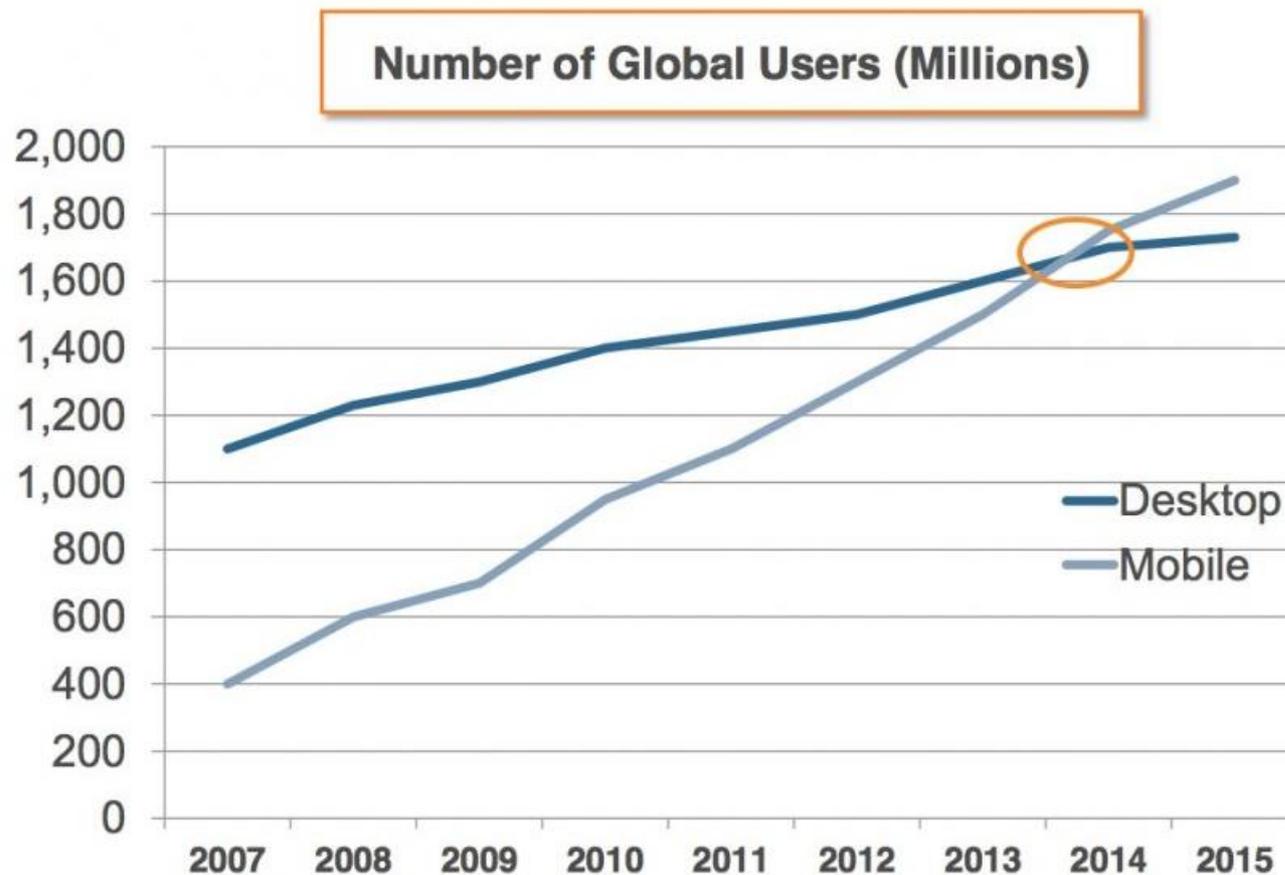
Digital Publisher?

Digital Museum?

Digital Exhibition?



Like all good things in life, it is difficult to make a real digital library (Challenge 1)



versus



Building a social library (Challenge 2)

- Mobile computing is changing how information is consumed.
- The real revolution is in personalization, sharing and re-use of content.
- **Whoever doesn't adapt to this way of providing information is already seen as stuck in the past.**



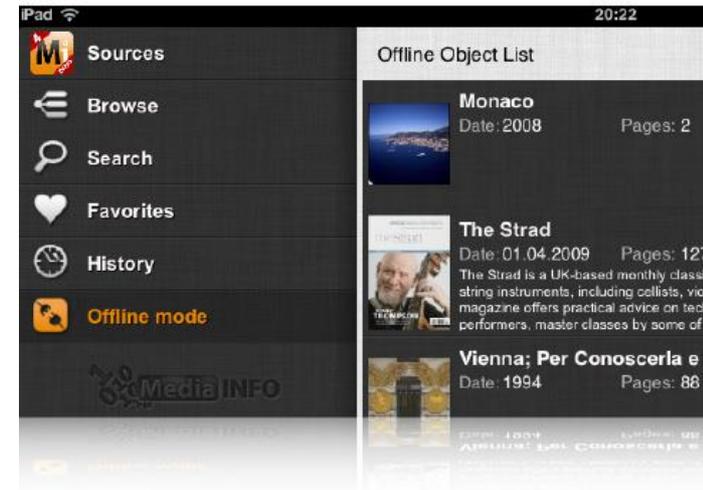
The Solution

- We developed specialized Digital Library software. Works on Desktops, Laptops, Tablets, Smartphones. **We now support HTML 5.**
- Ready for Social media: Any object in the digital collection of MediaINFO can be accessed by its unique and permanent URL.
- Content is discoverable directly by search engines, and index-able by them.



The Solution (new social tools)

- Content can be downloaded for offline use.
- Annotate & Share
- Favorites
- Make guided tours with Storyline
- Send annotations to others and collaborate



Reaching new audiences (Challenge 3)

- You need to reconnect with the people that do not visit your library.
- Libraries have always been at the forefront of technology. This time it comes with an opportunity to **reach the younger generations** through the places they already “inhabit”, social media (facebook etc) and the web.

Also reach those for who do not visit a library because they can't.

That elusive Wow! factor (Challenge 4)

First impressions matter. A fast and easy to use interface is necessary to make a demanding audience sit up and take notice.

NOT just about a pretty (inter)face to your digital library.

- productivity
- cost savings
- happy users.

That elusive Wow! factor

Amazing zoom

Fast search in the original

Annotate, share, collaborate

Search – A proper digital library must have (Challenge 5)

- Instant, relevant results from the complete text of digitized books.
- In the search results, the keywords must be highlighted directly in the original page itself as the book designer intended.
- Complex boolean, proximity, fuzzy searches, as well as exact phrases, and an ability to refine the results.
- Personal history of searches for easy repeat searches.
- Additional navigation through categorization of all content into a hierarchical, tree-like structure.

Intellectual property protection

(Challenge 6) Your library must have:

- A flexible system that gives you complete control
- Enforces compliance to copyright as well as your own rules
- Digital Rights Management that works on Computers as well as the iPad, and other mobile/portable devices (even phones)

Legal compliance, intellectual property protection



Control access rights:

- based on group/account settings
- Remote DRM enforces compliance to copyright and other rules
- Works on Computers as well as the iPad

The screenshot shows the MediaINFO Administration v2.03A interface. It features a navigation bar with tabs: Overview, Databases, Importing, Access Control, Integrity Checks, Storage, Look & Feel, and Search Engines. The 'Access Control' tab is active, displaying a 'Users' table with columns for Group, #, User, Status, Last login, Updated, Expire, #Login, Credit, PDF, Text, View, Email, O_URL, DLink, Publication, PDF, and Text. Below the table are sections for 'User Rights (group@geneca.com)' and 'Login Log'.

Group	#	User	Status	Last login	Updated	Expire	#Login	Credit	PDF	Text	View	Email	O_URL	DLink	Publication	PDF	Text
US Army	18		ACTIVE	20100623			146		1	1	1	1	1	1			
Web public	1		ACTIVE	20100901	20100901	20091231	462	90	1	1	1	1	1	1			
PRS	176		ACTIVE	20100920	20100920	20091231	111	30	1	1	1	1	1	1			
Emile	1		ACTIVE	20100920	20100919	20091231	2090	30	1	1	1	1	1	1			
French Public Demo	65		ACTIVE	20111125	20100915		10	999	1	1	1	1	1	1			
Public demo	28		ACTIVE	20100923	20100920	20091231	10723	999	1	1	1	1	1	1			
British Library	3		ACTIVE	20121819	20121819	20091231	1	30	1	1	1	1	1	1			
Hartbeitz	8		ACTIVE	20100920	20100820		1003	999	1	1	1	1	1	1			
DemoPublic	3		DELETED	20100432	20100428		12	30	1	1	1	1	1	1			
Basex	11		DELETED	20100911	20100528		4	30	1	1	1	1	1	1			

Publication	Article	Issue	Valid From	Valid To	View	BookView	Text	Email	PDF	DLink	O_URL	Shop
Cruc		*	20100008	20091231	1	0	1	1	1	1	0	0

Date	IP	Username	Session
2013-09-23 07:23:10			84C330C49A9861C32A046323607592
2013-09-22 11:41:53			2c5b207370047cc0b09851041e27e70
2013-09-22 11:32:00			059488060136824344075433460931

Metrics & Statistics

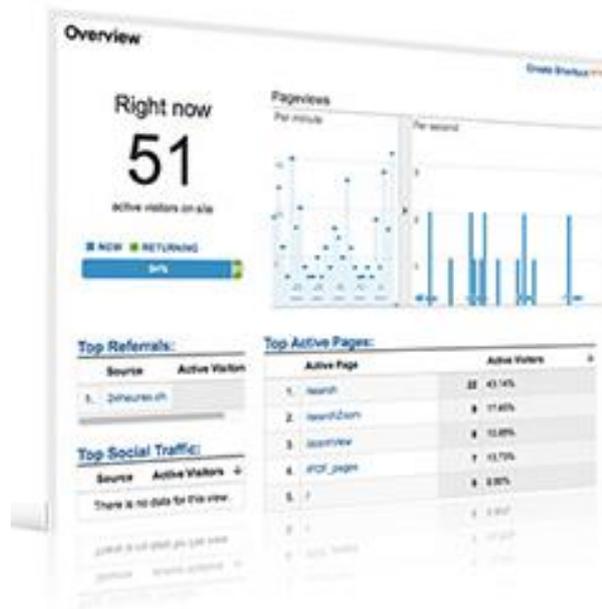
- A digital library has to know what is popular
- Need to make decisions based on facts to help decide what should be digitized/published
- Produce reports for management and other stakeholders

Measuring usage, adapt what you offer: Metrics & Statistics

- Built-in Statistics engine

- Support for Google Analytics, as well as through log analysis.

- Tracking of: objects, pages, indexed words, usage of social features...



Google Analytics

Piwik



Apache Software Foundation

Your library has treasures but showing & protecting them is contradictory

- The reality is that some of your best books, end up inside a glass box or cabinet because you need to preserve them.
- So the public can only see 2 pages out of each book
- **Result: Your best books are neither being read, and not preserved very well in the glass cabinet.**

There is a better way, with MediaINFO you can create a display that people can explore.

Let the public explore your treasures in detail and preserve them in the best way at the same time

Must be easy to install and adopt (Challenge 7)

- A digital library has to work within the existing IT framework if your organization.
- The users should not have yet another account and password to remember and manage!
- The system needs to support standards in metadata, formats etc. to ease integration.

Integration and unified accounts

MediaINFO includes tools that makes it easy to work with your institution's existing IT systems. Uses the logins and passwords your users already have.



Real projects, real needs, real solutions

Examples



With UKB, there are plans to expand the digital library and bring some very special UNESCO protected manuscripts online



Scriptorium project of Lausanne University Library ... 250 years of all published serial publications in Lausanne ... we have over 3 million pages and over 6 billion words indexed there, running on 2 servers ! and hosting thousands of visitors on peak days

Real digitization projects
need



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