

Digitization Support with the Open Source Product



Michael Luetgen

**Sales Manager Software Solutions
Board Member Goobi Association**



Our solutions



Hermes Digital



Omnican



3D-Explorer



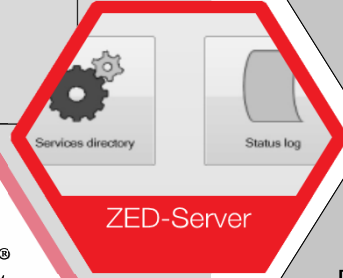
Scanners



Consulting



OS QM-Tool



ZED-Server

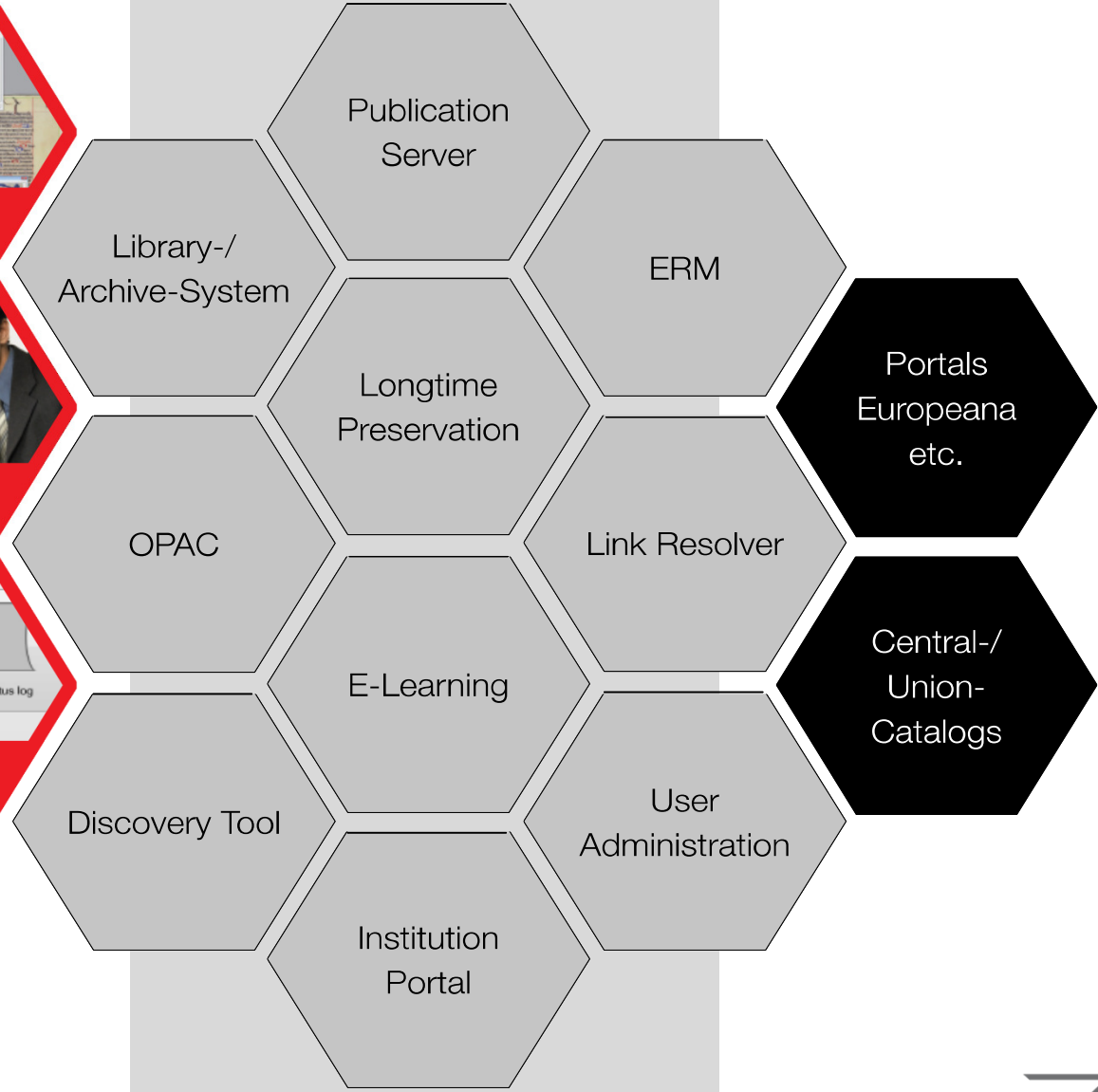
MyBib eL[®]

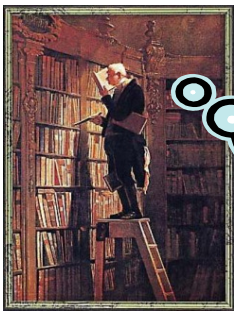
MyBib eL[®]



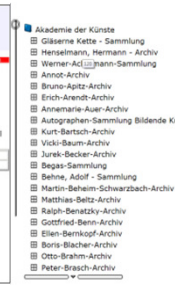
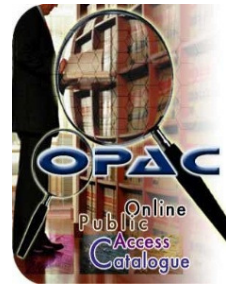
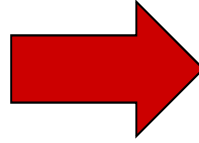
Perfect Book

Your environment





My treasures digital???



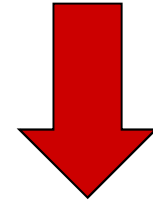
Project planning

- Collections defining
- Metadata rules defining
- Tasks defining
- Workflows defining
- Workers assigning
- Objects collecting

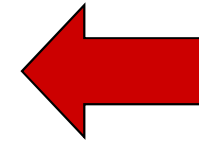
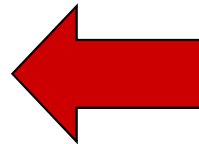


Metadata-Takeover

- from existing catalogs
- from Central/Union Catalogs
- from external systems
- Individual Takeover
- Z39.50 (SRU)
- Automated Task creation



Digitization with



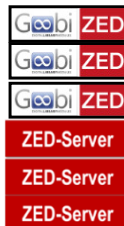
Scanning

- QA
- Reporting
- Controlling
- Automated data transfer



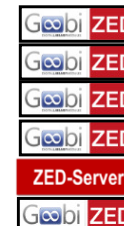
Presentation

- Integration in Institution-IT
- Inter-/Intranet
- OAI (METS/EAD)
- User Login
- Copyright Material
- others



Metadata Creation

- Adding Metadata
- Structuring
- Pagination
- QA
- OCR
- Export METS/MODS





Digitization with Goobi

Open Source Software for Culture Institutions

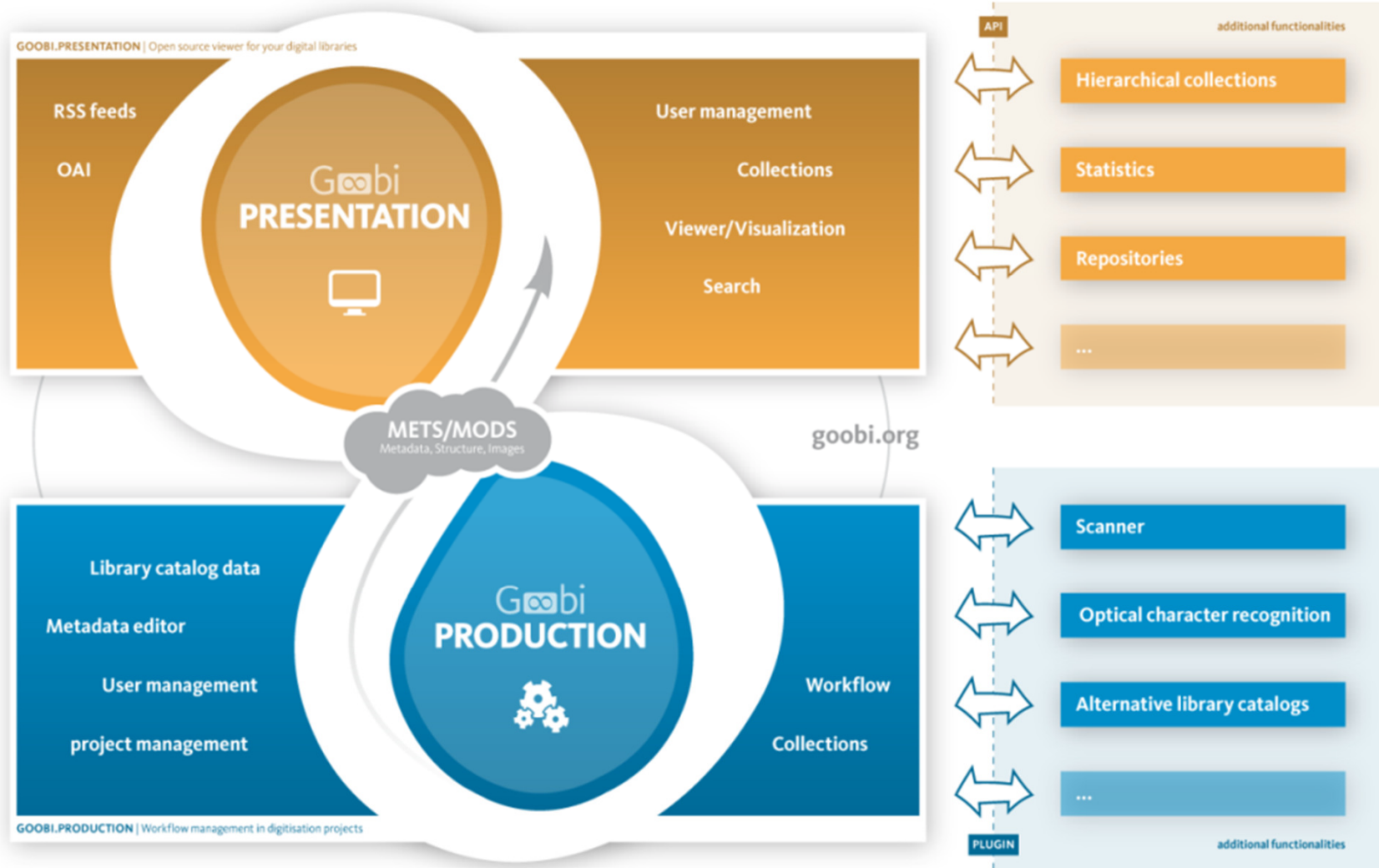
Libraries, Archives, Museums

What is Goobi?

1. An Open Source Software Suite for the Production and Presentation of digital objects and collections.
2. A growing community of users, software developers and service companies.
3. A legal entity and association:
„Goobi. Digitalisieren im **Verein** e.V.“

1. Software – Goobi. Digital Library Modules

- Production + Presentation (independently usable)
- Open Source – no license cost
- multi-client capability, flexible operating models
- Platform independent, web based
- International Standards, open interfaces
(METS/MODS, OAI-PMH2 -> DDB, Europeana, DPLA, DFG-Viewer, Catalog)
- APIs for integration of additional services
(OCR/OLR, LTP, NER, scan software, ...)



Goobi.Production

- Workflow Management
- Metadata Import from existing catalogs or other sources
- Structure-/Metadata Capturing
- Flexibility by Rule Set, Project Configuration, Workflows
- Automated and external workflow steps are possible and integrable
(OCR/OLR, NER, Validation, ...)
- granular right management
- Java-Web Application

Home page

- **General** -
 Technical background
 Current users

- **Workflow** -
 My tasks
 Search for volume
 > **Current processes**
 batches
 Process templates

- **Administration** -
 User
 User groups
 Projects
 Rule sets
 docket
 LDAP groups
 Task manager
 Module manager

- **User data** -
 User configuration
 Change password

Log out:
 Admin, test

Home page >> Process management

Process management

Current processes

Create new process

Select pre-defined filter:

Filter:

Hits: 47

Process title	Status	Project	Activity																		
<input type="checkbox"/> abdreot_34619251X		DigiZED																			
<input type="checkbox"/> adrefdis_0010203		DigiZED																			
<input type="checkbox"/> adrefdis_00286791901		DigiZED																			
<input type="checkbox"/> adrefdis_0239414		DigiZED																			
<input type="checkbox"/> adreunhad_x006601913																					
<table border="1"> <thead> <tr> <th>Number</th> <th>Title</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>OPAC Metadatenimport</td> <td></td> </tr> <tr> <td>1</td> <td>Scannen</td> <td></td> </tr> <tr> <td>2</td> <td>Quality control</td> <td></td> </tr> <tr> <td>3</td> <td>Meta-und Strukturdatenerfassung</td> <td></td> </tr> <tr> <td>4</td> <td>Export DMS</td> <td></td> </tr> </tbody> </table>	Number	Title	Status	0	OPAC Metadatenimport		1	Scannen		2	Quality control		3	Meta-und Strukturdatenerfassung		4	Export DMS			DigiZED	
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<input type="checkbox"/> bicanle		DigiZED																			
<input type="checkbox"/> bicanle_016493776_fuw		DigiZED																			
<input type="checkbox"/> bicanle_01649377888		DigiZED																			
<input type="checkbox"/> bicanle_016493778_2015		DigiZED																			

Possible actions

- Export metadata for DMS
- Set status of process up
- Set status of process down
- Execute GoobiScript
- generate excel
- create pdf
- Calculate number of metadata and images
- Statistical evaluation
- adjust filter
- Customise view

Goobi.Presentation

- Presentation Interface
- Collection Organization, Search Index (Lucene), (incl. Facetted Browsing, Full Text)
- Visualization of Meta- and Structure Data, Image-Viewer
- Flexibility by free field configuration (Index + Interface)
- Granular Right Management in the Backend
- Modern Templating-Engine, seamless Integration with Institution Website or Portal
- Modularization
- OAI-Interface, URN-Registration
- TYPO3-Extension (PHP5)

Goobi Digital Collections

On **Goobi Digital Collections**, the digital contents of the Library of the Mittweida University of Applied Sciences are provided and made worldwide accessible for scientific use. The digital collections contain outputs from retro-digitalisation of print media from the public domain, that's monographs and multi-volume works which are not subject to copyrights any longer.

Utilize the retrieval tool ...

Search

Extended Search

... or browse through our collections.

Show all collections

Show all documents

Holdings overview

Stay on top of things about inventory changes

Autenheimer, Friedrich Burg,
 Adam von Crookes, William
 Delabar, G. Doll, M. Ebel, Max
 Eytelwein, Johann Albert
 Gretschel, Heinrich Gross,
Hagen, Gotthilf Hirsch
 Meier Karmarsch, Karl Kle
 R. Kneser, Adolf Korschel
 A. Lübsen, Heinrich B. Mü
 Wilhelm Müller-Bresla
 Heinrich F. B. Otto, Jose
 Pisko, Franz J. Reuleau
Franz Rossel, A.
 Rühlmann, Moritz

The screenshot shows a digital image viewer interface. The main image is a black and white aerial photograph of Hamburg, labeled 'Hamburg' at the top and 'Chile-Haus (links)' at the bottom. On the left, there is a table of contents with items like 'Artikel: Genssa ist keine Stadt', 'Artikel: Kunstdruck-Teil 2', and 'Abbildung: Chile-Haus (links)'. On the right, there is a search sidebar with a search bar and a list of search results including 'Hamburger Luftbild' and 'Hamburger Luftbild'.



Digital Library / collections / Search result collection / Page view collection:

View page Bibliographic information Page preview DFG viewer



Search for:

Overall

Collection

Search

Return to list view

Table of contents

[Ansichtskarte von Otto Selz an Julius Bahle vom 18. ...

2. User Community

- Over 40 international Institutions and Service Providers
- Mutual Support via mailing lists
- Public Documentation
- Users meetings
- Common ongoing development and coordinated development orders
- Relevant creation of format standards
- Synergy effects towards aggregators

Media Types

- Address Books
- Archive Material
- Letters
- Prints
- Electronic legal deposit
- Photos
- Graphics
- Manuscripts
- Books
- Incunabula
- Maps
- Inheritances
- Parliaments Material
- School Books
- Drawings
- Newspapers
- Magazines
- Land Registers

www.goobi.org/referenzen

Visions of the Community

- Archives, Libraries and Museums developing, sharing and using in multi-discipline manor tools for digitization and long term preservation.
- Goobi is a wide used, sustainable standard solution for the production and presentation of digital collections – open source, platform independent and license free.
- Goobi is a strong international community and a model for the cooperation of the public and private industry.

3. Goobi. Digitalisieren im Verein e.V. - The Association

- | | |
|---------|---|
| 12/2010 | 4 big libraries and Zeutschel signed a Goobi Release Management Agreement and started regular meetings as a Goobi Community Board |
| 03/2011 | Begin of the half year open Goobi users meetings |
| 05/2011 | Agreement of the Goobi Community Board with intranda GmbH about future cooperation |
| 09/2012 | Establishment of the Goobi Association with 12 Libraries and private Companies |
| 01/2013 | Registration in the German Association Register |

www.goobi.org/goobi-ev/digitalisieren-im-verein

Goobi e.V. Association contributions

- Legally clearly defined form with legal regulations - both internally and externally.
- Financial and political stability – Independency from single persons or institutions.
- Basically democratic Organization form with similar rights and duties for all members.
- Tax advantages (Sponsoring)
- Limitation of liability risks.
- Enhanced visibility of Goobi and the Goobi User Community
- Formal framework for regulated cooperation of the members.

Organization

- Association Board (5 members)
 - Political representation of members
 - Public Relations
 - Coordination of strategic decisions
- Release Management
 - Code administration on github.com
 - Coordination of developments
 - Controlling of formal development rules (Coding Guidelines)
 - Documentation of bugs and development wishes
 - Release-Planning and –Implementation
 - Technical consulting of the Goobi Board

github.com/goobi/

Future Developments: Archives

- METS/MODS-Profile for digitalized Archive material
 - EAD -> MODS-Mapping
 - Implementation in DFG-Viewer
 - Coordination with Software-Vendors archive Systems
- EAD-Import to Goobi
 - Overtaking of metadata from find books
 - Import of existing structure data
 - Test with the Kalliope-Central Catalog
- Standardization of Rights Coding
 - granular Rights and License access on object level
 - Standardized Coding
 - Implementation to Presentation System

Future Developments: General

- Goobi.Publication
- Interface to docWorks (CCS) for article level workflow
- Re-engineering of the complete system (DFG)

Added value by using the ZED-Server

The screenshot displays the ZED-Server web interface. At the top, a red header bar reads "ZED-Server Herzlich willkommen" with a "Deutsch English" language selector. Below this are three main navigation icons: "Dienstverzeichnis" (gear icon), "Bearbeitungsprotokoll" (document icon), and "Konfiguration bearbeiten" (chart icon). A second red header bar says "ZED-Server Prozesse nach Katalog anlegen". The main content area is divided into three sections: "Produktionsvorlage:" with a dropdown menu containing "Workshop_tku" and "DigWu_WF1"; "Bibliothekskatalog:" with a dropdown menu listing "SUB", "GBV", "JAL", "SWB", "HEBIS", and "DNB"; and "Suchfeld:" with an empty input field. A second "Deutsch English" language selector is present. Below this is another red header bar: "ZED-Server Zählereinstellungen". It shows "Nächste ID: 0000001" and a checkbox "Den Zähler verändern". Under "Präfix", there is a text input field. A table with four columns is shown: "Stelligkeit" (value: 7), "Zählerstand" (value: 1), "Intervall" (value: 1), and "Prüfzeichen" (value: keine). A checkbox "Warnen Sie mich, falls sich der Zähler in der Zwischenzeit geändert hat." is checked, and a "Zähler setzen" button is at the bottom.

- ZedControl – ZED-Server control center
- zedProcessCreator – Process Generator
- zedExporter – image conversion, derivate creation, MyBib eL connection
- zedZ39.59 – Using existing Catalog data
- zedOCR – Interface to OCR Tools
- zedOSGo! – Interface to OMNISCAN

And more by users' needs and requirements...

...

Goobi Services by Zeutschel

- Consulting and Conception for Digitization Projects
- Solution Integration in existing environment
- Complete Solutions in cooperation with partners
- Development
- Installation and Training
- Localization
- Maintenance and Support
- Hosting



More information:

www.goobi.org

<https://github.com/goobi>

www.zeutschel.com

We support and consult you in the
Digitization Area.

We guarantee ...

The Future of the Past



ZEUTSCHEL

Michael.Luetgen@zeutschel.com

www.zeutschel.com



Спасибо Asante

شكرا لك

Gracias

Waad ku mahadsan

Ngiyabonga

ありがとう

Thank you

Danke

Merci

grazie

Tack

감사합니다

תודה

謝謝

Děkuji

obrigado

dziękuję

Спасибо

Dankie

teşekkür ederim

Mauruuru