

Issue 13

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Success story Bavarian State Library, Munich



How to get information in the Bavarian State Library

The Bavarian State Library, founded by Duke Albrecht V. as a Court library of the Wittelsbach aristocracy, is the central library of the free State of Bavaria and one of the largest scientific libraries in German speaking countries.

Germany's second largest library

It is in possession of almost 8 Mio. Volumes, has an outstanding stock of ancient books from the early times of printing, numerous special collections such as maps, testaments, autographs, Ex-libris, portraits, a picture archive and painter's books as well as one of the world's most significant manuscript collections. 86,000 manuscripts, 235,000 music note prints and 350,000 maps are not only a top address for scientists from all over the world.

Publications of all countries are gathered here except for Technology and Applied Agriculture. The library mainly focuses on Ancient studies, history, music, the Eastern and Southern European area, the Orient and Eastern Asia. The Bavarian State Library is the second largest library for periodicals after the British Library with more than 45,000 current periodicals and newspapers.

Excerpts and Copies from almost 8 Mio. Volumes
Information is the most important asset for production in the 21 century. It has to be channelled and put to use. The speed, as to which information has to be provided in our global and digital age, is of primary importance.

Visitors and users of the Bavarian State Library often need excerpts from books and reference works. However, repeated copying damages books by bending the back of the book and turning the inside more and more yellow. The damaged books either had to be repaired or even bought again. Rare, ancient and valuable books could therefore not be copied in order to protect them.

The Bavarian State Library needed to find a suitable and cost saving solution to protect the books due to a large degree of copies.

Innovative concept established

InduPrint GmbH (Limited) in Stuttgart, Germany, developed a unique concept for the library that left no questions unanswered. The concept was implemented and further developed in close cooperation with ImageWare Components.

InduPrint operates book and media scanning as well as other methods of copying in the Bavarian State Library.

15 Bookeye® overhead scanners for digital reprographics, partly equipped with a book cradle, are used to copy originals of up to A2 and a thickness of 35 cm.

Furthermore, microfilm scanners, high resolution A3 Color laser printers, a large size plotter and a lot of conventional printers and copiers are in operation.

www.bsb-muenchen.de

www.induprint.de

www.imageware.de

High Quality as Service

There are four Bookeye® overhead scanners, a Cannon Microfilm scanner and several black and white and color laser printers in the central office of the library's basement.

The copy and scanning service of InduPrint GmbH does not only provide for the continuous processing of interlibrary loan and internal loan but also scans, copies and prints 8,000 pages a day.

The employees work in three and six hour shifts from 8 a.m. to 8 p.m. to make sure that customers receive their orders in the fastest possible way.

Apart from scanning and printing, 120 pages an hour are also ready-made, sorted and sent by each employee. The document delivery service *subito* and the internal delivery service process the orders as fast as orders for interlibrary loan.

High quality and its implementation is at the core of all partners and employees. Ergonomically equipped working places, continuous quality control, constant trainings and a nice working atmosphere are the basis for that.



Technical equipment

- 14 Bookeye® overhead scanners
- 1 Bookeye® color overhead scanner
- thereof 4 with a bookcradle
- 1 Cannon microfilm scanner
- 18 copiers
- 17 PC's
- 1 A4/A3 color laser printer
- 15 KyoceraMita black/white laser printer
- 28 KyoceraMita black/white laser printer
- 1 HP large-sized plotter
- Ergonomically equipped working places
- Large-size cutting machine
- Thermo-binding machine
- Punch hole binding machine

Self-service in the public area

Visitors can use 11 of the futuristic looking scanners themselves in the public area of the library.

These scanners have replaced conventional copiers and enable the visitor to copy without waiting.

The overhead scanners can scan the opened up object from above without damaging it which is similar to scanning a photograph. An integrated book cradle protects the back of the book and arranges for an optimal position.



New forms of communication

Most users are excited about this new innovative concept because it saves time and costs. A page can be previewed and optimised on the computer before printing and paying it.

These high-tech scanners can be used like a copier due to a specially developed keyboard.

The digital technology prevents faulty scans and copies and, thus, bad and useless prints, saving costs for the user!

The balance is paid by Chip-card that can be loaded. The employees of the Bavarian State library can use their cost centres. 12,000 activated Chip-cards are in circulation.

More and more users view the Bavarian State Library as an attractive provider for information because of its outstanding services and short waiting times. A new form of communication and identification has been created since the visitors can use the equipment themselves in the public area. So, the old idea of dusty books is history.

Protective copying

Management always put the protection of valuable stock at the top of their list by trying to be open for new technology and ideas.

The Bookeye® can digitise the originals from the above so that the pages do not need to be pressed against the glass plate and protects them that way by not touching them.

This careful process protects valuable originals. The paper of books and newspapers do not turn yellow. Books are scanned without bending or separating their binding. Furthermore, oversized formats such as newspapers, maps and music prints up to A2 can be scanned. Digital post-processing is always possible.



Repair and book binding costs

All the idealism matches the economic benefit. The courage for an innovative concept has paid off for the Bavarian State Library. The use of media protecting reproduction technology has already saved several thousand Euro in repair in the first few months.



Getting know-how from far away

Not every customer of the library lives in the area of Munich or can visit the library during its opening hours. Therefore, the electronic interlibrary loan *Medea3*® or the document delivery system *subito* are right on the spot. The user can research for the desired excerpt, essay or article in the library catalogue and order them. The requested object will be sent to InduPrint GmbH for reproduction by the employees of the library.

Quality

- No lines and covers thanks to screen correction
- No uneven spots in the book-fold
- Saving time by printing in the background
- No waste, no black edges due to masking
- Preview function saves costs
- Digitalisation enables repeated printing
- Aligning the image
- Digital post-processing, e.g. paste objects
- Different printing options (enlarge, reduce, 2 pages on one sheet)

Thukydides, Homer, Hippocrate and Aristotle



The Bavarian State Library does not only set a landmark with its stone sculptures of Thukydides, Homer, Hippocrate and Aristotle, known to the people of Munich as the "Four holy wisemen"

With its vision and willingness to enter into a new age, the library has been able to enhance its top position among European libraries by setting new standards and being a pioneer and good example internationally.

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ImageWare Components GmbH

Since 1994 ImageWare GmbH has been setting trends in the development of scanning solutions. The company has set foot in the market as a leader for grey-level and color scanners and is operating worldwide today. Bookeye® is known wherever books and documents play an important role. Web-based electronic delivery systems such as MyBib and Medea3® contribute to the product philosophy.

The target of ImageWare Components is to strengthen its position as a leader in book scanning and to further optimise the electronic delivery systems. Ideas and the motivation of the employees are vital for the success.



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