

# MESO – Media Compilation and Sorting

## Effortless Sorting of Media!

Sorting the returned media is a time-consuming process for medium and large reference libraries. According to the signatory, books often have to be presorted in several work process steps before they can finally be placed back into the bookshelf.

That is where **MESO** (**M**edia **C**ompilation and **S**orting) starts off: It takes over the inconvenient presort of the media, generates a sorted list according to the library's bookshelf configuration and supports the sorting process by software as well as by optical visualization.

In brief: **MESO** speeds up the processes and takes some of the work load off the library's staff.



### System components/configuration:

- ❖ **MESOmobil** media trolley
- ❖ **MESOsoft** intelligent sorting software

**MESOmobil** is a media trolley with three levels; each level is divided into two sections. On average, approximately 150 media (depending on the size of the books) can be placed on one **MESOmobil**. The media trolley is equipped with a specialized RFID technology which implements fully automatic recordation and presorting of the media. The **MESOmobil** is completed by the intuitive software package **MESOsoft**, which features an interactive support during the sorting of the media

### How it works:

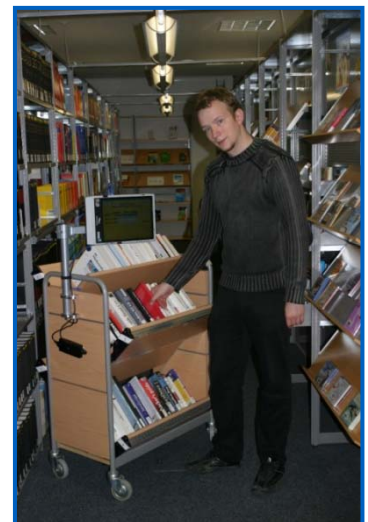
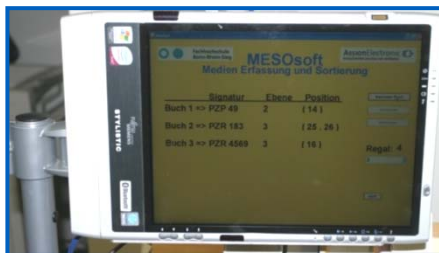
**MESO** is based on modern RFID technology. Each book is endowed with a transponder label containing the signatory and further relevant media information.

Returned books will be placed on the media trolley **MESOmobil**. The **MESOmobil** is equipped with a Tablet PC running **MESOsoft** which performs the presorting of books on the media trolley.

**MESOmobil** records the signatures of all books placed on the trolley and **MESOsoft** performs the presorting according to the library's bookshelf systematic. The bookshelf systematic (which signatories have to be placed in a particular bookshelf) can be given manually or can be requested by **MESOsoft** from the integrated library system.

If the media trolley **MESOmobil** is positioned at a bookshelf row, the software indicates the user sequential all books on the media trolley which must be sorted into this shelf. A list of these books appears in the display of the Tablet PC, in addition, the position of the book on the trolley is indicated optically by lighting up of the lamps on a LED display.

**MESOmobil** and **MESOsoft** supports the user listing and visualizing the next book to be sorted.



### Customer's benefit:

- ❖ Quick availability of relevant facts
- ❖ Relief of the library staff
- ❖ Rationalization & acceleration of the in-plant work routines and the flow of information
- ❖ Reduction of the administration costs

The development of the **MESO** system is a cooperation with Bonn-Rhein-Sieg University of Applied Sciences, Department of Computer Science. **MESO** is already integrated and is used currently quite successfully as a pilot in this university.