

The increasing demands on security, monitoring and integrity are the reason for more complexity in the field of document processing. At the same time the creation of individualized mailpieces is getting more important.

With Software System Solutions, MB Bäuerle offers the appropriate answers for its automated inserting systems. Thanks to their modular design, the individual components can be adapted to individual requirements.

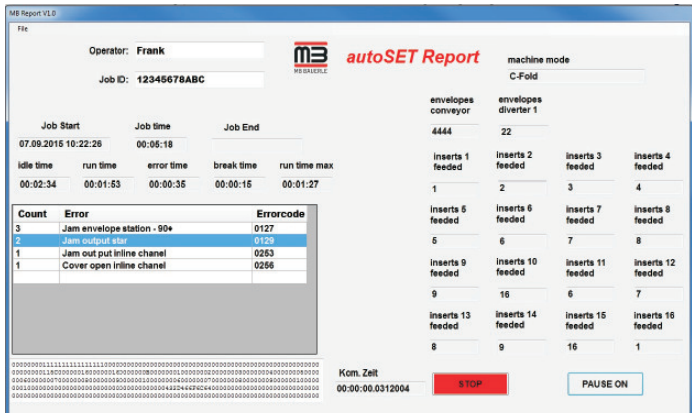
You will be well-prepared for future tasks, because the software can be extended any time.

Reporting System

With the Reporting System, the complete statistical information about a job can be recorded.

This means that all counts, the number of errors that have occurred as well as the runtimes, downtimes, error and break times of the job are registered.

After finishing the job, these data are saved in an Excel file for later evaluation.



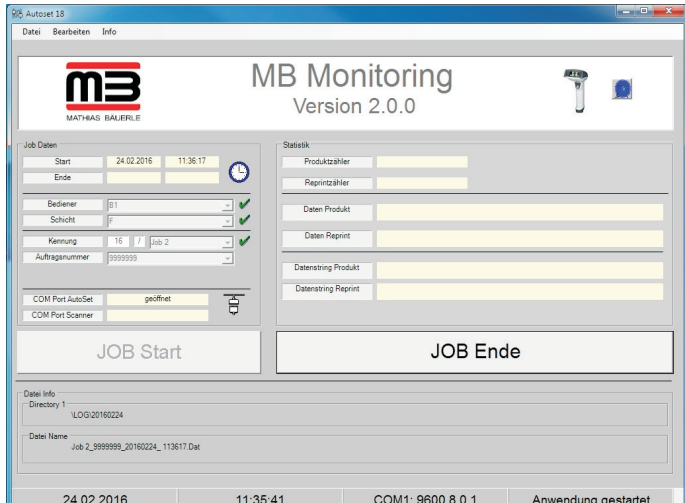
The screenshot shows the 'autoSET Report' interface. It displays job details for Job ID 12345678ABC, including start and end times. A table lists error counts and codes, such as 'Jam envelope station - 90+' with error code 0127. A grid shows the status of 16 inserts, with most marked as 'feeded'. At the bottom, there are 'STOP' and 'PAUSE ON' buttons.

Monitoring System

The Monitoring System captures all documents and envelopes throughout the entire production process and records them in the corresponding file.

The mailpiece data (customer number, account number, etc.) are stored with date and time. Thus the progress in processing individual documents can be verified any time.

Rejected mailpieces can be declared as "good" by means of a hand-held scanner.



The screenshot shows the 'MB Monitoring' software interface. It features a 'Job Daten' section with fields for start/end times, operator, and job number. A 'Statistik' section includes fields for 'Produktzähler' and 'Reprintzähler'. At the bottom, there are 'JOB Start' and 'JOB Ende' buttons, and a status bar showing the current date, time, and machine status.

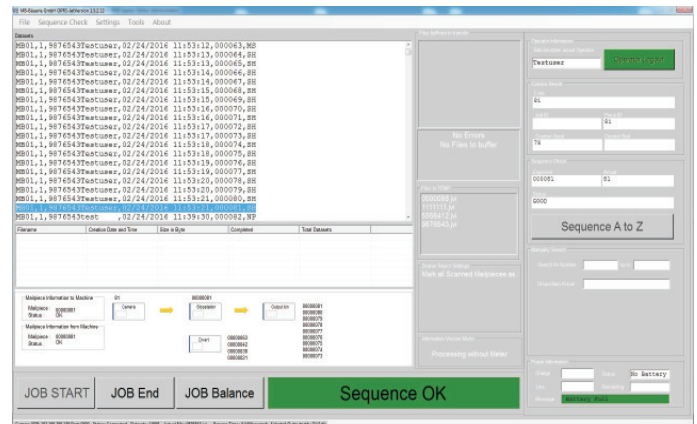


Output Read System

With the Output Read System, the target data of the documents are compared with the actual data.

The user generates a data base for tracking the mailpiece. The mailpiece data (customer number, account number, etc.) are stored in the respective data record together with the processing state as well as date and time. Rejected mailpieces can be retroactively declared as “good” by means of a hand-held scanner or they are marked as reprints. The reprint mailpieces are output in a separate text file and can be reproduced. Furthermore, a sequence and duplicate control (these are rejected) takes place during processing.

At “Job End”, a report of the respective status counter is displayed.

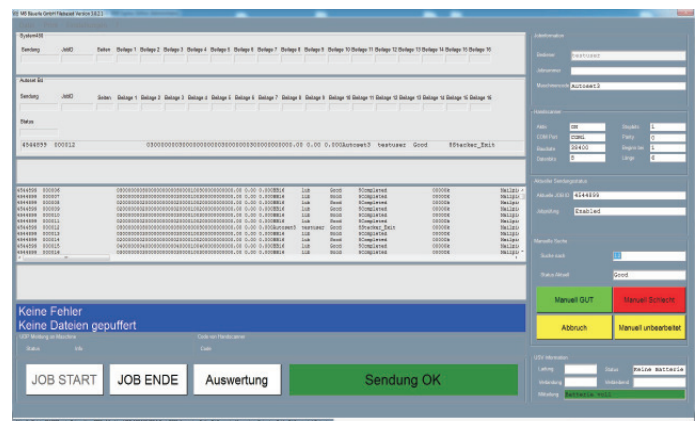


File Base System

During file-based inserting, target lists with the information how each document is to be processed are stored in a file base.

The control information is assigned to each product so that it is clear how the document should be processed. For this purpose the code on the documents contains a mailpiece or index number and the number of pages instead of the processing information. The index number is read in the system channel of the autoSET inserting system and transmitted to the file base system. This system searches the current index number in a txt-file base and sends back the appropriate processing information to the autoSET.

Thus processing can be changed or influenced even after the print of the mailpiece pages.



The prerequisite for the full functionality of Software Systems Solutions is the connection of a PC to the autoSET inserting system. This should be a standard industrial PC with the following properties: Operating system Windows, 1 GB main memory, 3 serial interfaces, 1 USB-interface for the touch-screen, protection against voltage drop (battery-buffered). A screened interface cable is provided by MB Bäuerle. The transfer of data to the PC occurs by two serial interfaces RS 232. As an option, MB Bäuerle can also provide the PC.

