1.2   Program versions and modules

- **KIM | Standard**
- **KIM | Small Format**
- **KIM | Auto**
- **KIM | Auto Small Format**
- **KIM | News**

Optional add-on modules for the individual versions:

- **JDF - MIS Input / Output (Interface)**
- **JDF - Workflow Output (Interface)**
- **JDF - Cutting Output (Interface)**
- **Barcode Output**
- **PerfectPlan**

  Automatic sheet optimization for <u>more</u> than 4 products per print sheet for label and packaging printing as well as webshop application.

Background

Essentially, today, two different ways of working in the field of the digital pre-press stage can be considered. On the one hand, it is the processing of PDF data as a de facto standard, on the other hand, it is the processing of information using standardized job tickets. Here, the JDF (Job Definition Format), which was first introduced at the DRUPA 2000, has established itself as standard. These processing capabilities are reflected in the product differentiation of KIM 6. As a basis, the four KIM versions designed for different application areas can be referred to, which can be optionally supplemented by using the JDF format. This means investment security, even, for example, if you are not planning to use the JDF format until a later date.

Function overview

KIM is a professional imposition program for efficient and rapid processing of "native" PDF files without any conversion or format changes. KIM has a very wide range of functions and meets all functions of sheet assembly. The many years of experience in the area of imposition at Krause is clearly reflected in KIM with its large libraries for foldsheets, printsheets, print marks and machine parameters, etc. The program sequence in KIM corresponds to the sequence of events of a job in the sheet assembly. Like no other imposition solution, KIM has established itself as an excellent tool within the pre-press stages, through a sophisticated user interface. The error rate in the sheet assembly is reduced by KIM and the efficiency per workplace is increased by approx. 40 % compared to competitors' programs. Imposition sheets, including all relevant data (trims, print marks, etc.) can be saved and arbitrarily combined to form a complete job. KIM also supports the generation of partial sheets or the arrangement of multiple foldsheets on a printsheet or the replacement of pages in the final printsheet. Page content, state of the pages or colors can be monitored visually at all times. By the same token, the entire structure of a print unit can be visually followed and modified using Drag-and-Drop. The printout can take place by subdivision (strip or block) on output devices, the exposure area of which is smaller than the printsheet size (so-called tiling). KIM furthermore allows the print sheet output as a "booklet" sperated into single pages or fore folded version as double pages.

KIM Versions

KIM is available in different versions, thus covering various requirements placed on the sheet assembly with regard to format size, application or degree of automation.

KIM | Standard

The standard version offers all basic functions for the digital printsheet assembly and processes all sheet formats without limitations for sheet-fed printing and web-fed printing.

KIM Small Format

Identical functional range as its "big brother", the only difference being that the KIM SF is limited to a maximum format of 760 x 630 mm on the output side. Hence, this version is suitable for digital printing and the 4-up range for printing presses such as the Heidelberg Speedmaster 74 or man-roland 500, for example.

KIM | Digital

The version "Digital" is intended to match the 2-up range and is neant for digital printers. The max. output format is limited to 560 x 480 mm. There are no limitations functionally compared to the bigger versions but will be sold to an attractive price

KIM | Auto

KIM Auto offers the same functional range as the standard version, however, it operates as a Client-Server System and, in addition, monitors input folders on the Server and automatically assigns incoming data (pages) to the imposition templates stored according to naming conventions. This results in a completely imposed sheet with print marks in form of a PDF file, which can subsequently be put out directly to a RIP or visually rechecked. KIM AUTO can be set up in such a way, that sample imposition sheets can already be deposited and an automatic check takes place to ensure that all pages required for a complete printsheet are available. In this manner a very high degree of automation in the imposition process can be achieved and the Client-Server configuration allows the realisation of very large throughputs or the separation of imposition and data competence.

KIM | Auto Small Format

The function range is identical with KIM Auto. There is only a limitation of the output format size of 760 x 630 mm.

KIM | News

KIM News is the KIM solution for the newspaper sector. On the output side, KIM News is limited to the formats prevalent in the newspaper sector. This solution is perfectly suited for specific functions in the newspaper sector, such as pairing, for example.

Optional add-on modules

In addition to the content-based operating method with PDF documents, optionally available add-on modules enable the complete integration of JDF functions (Job Definition Format). This makes KIM ideal and it can be easily integrated into existing MIS systems or workflow environments (e.g. Prinergy or Apogee). In addition, JDF presetting data can be created for cutting and folding machines when the appropriate module has been activated. The use of the JDF functions provides your company with completely new possibilities in multiple use of data.

An additional module allows barcode marks to be generated for the plate output or further product processing on binders.

Different modules are available depending on the intended use.

JDF - MIS Input / Output (Interface)

The import of job data from management information systems for the use in KIM for digital sheet assembly.

JDF - Workflow Output (Interface)

Connection of KIM to JDF compatible workflow systems such as Prinergy or Apogee, PuzzleFlow oder fujyfilm XMF, for example.

JDF - Cutting Output (Interface)

Generation of JDF data by KIM, which can be used to preset a cutting machine.

JDF - Folding Output (Interface)

Generation of JDF data by KIM, which can be used to preset folding machines.

Barcode Output

Generation of barcode marks by KIM, which can be used for the plate output or processing on binders.

PerfectPlan (Sheet Optimization)

When Krause programmed KIM 7 another new development of the still existing higly estimated "KIM ETI" software had been developd simultaneously. This application represents an automatic sheet optimization. Via job specific data will be calculated by "PerfectPlan" the optimized sheet utilization. This is highly interesting for label printers as well as for printers using an integrated webshop to automize the production line. One feature is the import of csv files or XML files. Already the basic versions contain "PerfectPlan" and can limited to 4 products calculate an automatic optimized print sheet. For a higher number of products (sorts and ups) accommodated on one printing sheet there is only a dongle update of the full version via internet necessary. Even with this module Krause tracks the modulated architechture of their software.