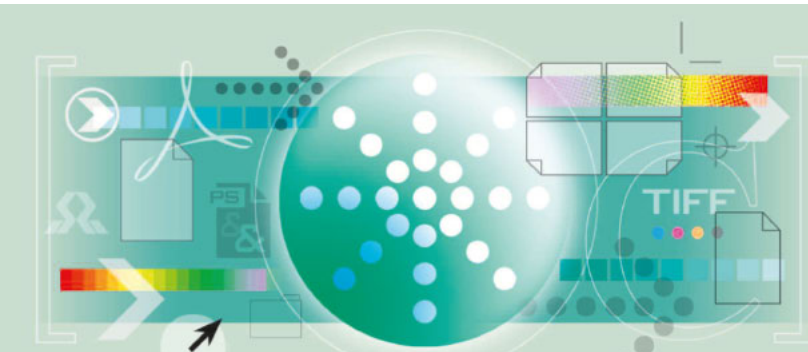# Omnitek
The Solutions Engineering Company

Signature

Signature is a powerful and user friendly client/server imposition package designed to create imposed jobs in a speedy and efficient manner with a minimal amount of training.

Signature's client/server design enables very high productivity and throughput. Its object orientated interface means it is very easy to learn and use since any changes are carried through automatically with no need to re-work the associated elements. There is no rigid method of working, template and job signatures being interchangeable and flexibility is unparalleled. The intuitive user interface with imposition preview, separate Page and Document Browsers and back-end Imposition server give a logical split of functions ensuring a quick learning curve and fast tracked productive output.

Signature comes in 2 variants: Signature-PDF and Signature-TIFF

Signature-PDF takes PDFs, single page or multi-page documents as input and outputs imposed PDFs.

Signature-TIFF takes pre-screened 1Bit TIFFs as input and outputs imposed 1Bit TIFF flats.

Signature can optionally create ink coverage information as a CIP3/CIP4 PPF file for CIP enabled presses, or as a graphical PDF report which can be used to manually setup the ink keys on press.

Signature consists of 3 main components – a Page Viewer, SMposer and a back-end Imposition server. The Page Viewer is used to create thumbnails of individual pages in PDF documents (or from screened 1Bit TIFF files) and these thumbnails are used to populate the runlist in SMposer. Once the imposition layout is complete in SMposer, it is printed to a hotfolder on the Imposition Server. The user, and other

networked clients, can continue to create new impositions, whilst the server processes the queued jobs in the background. This client/server design ensures a highly productive system.

Signature uses the same Imposition engine and SMposer GUI as SmartMove, the high-end client/server ROOM workflow which is in use driving many output devices via open standards (such as screened 1Bit TIFFs) or proprietary native formats including Brisque ct/lw, SCREEN .trp, Heidelberg DI, Delta and many more.
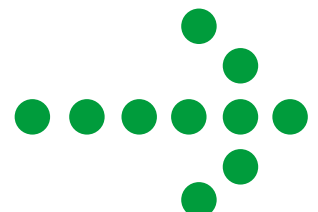
PDF Browser

Drag & drop single page or multi-page input PDFs onto PDF Browser to see the individual pages. PDF Browser can also show thumbnails with additional details such as size and separation information.

Pages can be sorted by name, number of pages, width & height, area, and number of plates.

Thumbnails can be dynamically resized, allowing the user to achieve the optimum balance between level of detail and number of pages visible. Pages can then be dragged from the browser into the SMPoser runlist. For PDF type imposition, the user can drag the PDF directly onto the required runlist slot and SMposer will automatically generate thumbnails for the runlist and populate the list.

1Bit Tiff Browser

This provides similar functionality to the PDF browser, allowing the user to preview 1Bit Tiff file set pages as input for the SMposer runlist.

SMposer

SMposer is designed to make creating impositions as simple as possible, without sacrificing power or flexibility.

To create an imposition job, the user first creates (or imports) one or more templates containing page slots and marks. The job is then created by combining a set of template instances (to provide the desired total number of page slots) and a runlist of the pages used to populate the page slots.

Creating an imposition with SMposer is a simple four step process, which follows the left-to-right order of the icons in the toolbar.

1) Create or import templates:

Choose the plate, paper and finished page sizes, (either from a user extendable set of defaults, or by entering a custom size), define the imposition layout for input pages, then add marks and colourbars.

Cut and Fold marks for blocks of pages are automatically created.

You can also import previously created templates from existing jobs.

2) Build a runlist of the desired input pages

Simply drag and drop input page thumbnails from the browser (or a PDF in the case of PDF imposition) into the desired runlist slots.

SMPoser prompts for automatic insertion of subsequent pages for multipage documents.

Runlist entries can be reordered as required, and the imposition view in the GUI automatically changes to reflect the current runlist.

3) Select and repeat templates to handle the desired number of input pages:

Having set up one or more templates, they can be repeated if needed in any order to handle the required number of input pages. Select how many pages are required (or use the number in the runlist). A new template list can be created automatically, or manually by drag and dropping templates into the list. An existing list can be manually tuned as required.

4) Send the job to the imposition server to create the imposed files.

Using the print function, you can send the complete job or the desired plate sets/separations to a chosen queue on the imposition server.

Increase productivity by reusing templates or jobs

You can import existing templates into new jobs, or edit a previously created job. Adapting a template for a new finished page size is easy: Since SMposer allows you to create intelligent SmartMarks which are referenced to other objects you can simply change the default finished page size and the SmartMarks will automatically adjust their size and position accordingly, avoiding the need to manually reposition and resize the marks.

Signature

PDF/TIFF Imposition Server

The imposition server allows an unlimited number of individually enabled/disabled hotfolder queues, allowing different settings including priority, input/output folders, and other options for each queue.

If desired, you may add a 'blue line' separation for proofing, with bleed, safe area, and reader's pair join lines.

You may also create an additional 'reader's pair' output file to allow easy checking of facing pages, with trim box settings either user defined or automatically determined from the PDF file.

A CIP3/CIP4 output option is available to create a PPF file with or without a PDF ink coverage report.

The CIP option can also output a cutter guide for systems so enabled.

Output for PDFs can be scaled uniformly or asymmetrically by a specified factor, or scaled to fit a set size.

The TIFF imposition server has a watermarking option which stamps a specified 1Bit screened TIFF watermark image over all seps.

The PDF imposition server can optionally produce JPEG or TIFF preview/proofing images at a user defined resolution.

The Server maintains a log of processed job information.
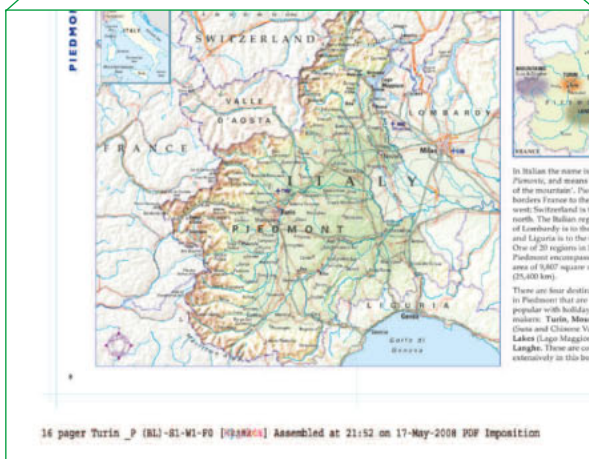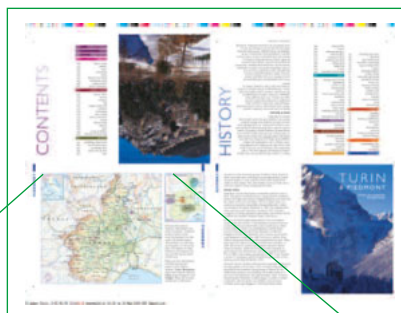
Signature

Signature Features

- Post RIP (1Bit TIFF) and pre-RIP (PDF) Imposition (Signature-TIFF and Signature-PDF)

- Supports multiple imposition working styles

- Previews imposed signatures

- Easy creation of complex imposition schemes

- SmartMarks automatically adapt to changed sizes, simplifying reuse

- Configurable automatic colour bar generation

- Supports custom marks

- PDF Browser to select input pages (Signature-PDF)

- TIFF Browser to select input pages (Signature-TIFF)

- Client/Server for high productivity

- Unlimited prioritised hotfolder queues for flexibility

- Object orientated architecture

- Intuitive user interface with a logical left to right flow of tool icons to complete the imposition

- CIP3/CIP4 PPF output option with PDF ink coverage report capability

System requirements

HW: Intel Pentium 4+
RAM 1GB+
Disk 200GB+ depending upon input PDFs and 1Bit TIFFs

OS: W2K Professional, W2K Server, W2K3 Server, XP Professional, Vista

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