

# Nesting for digital Sign & Display



*SignUp is an interactive layout application for the Digital Sign & Display market. SignUp reduces the preparation time for every job; it optimizes press time and substrate usage. With SignUp you can bring the waste of materials down to an absolute minimum. SignUp drives i-Cut enabled finishing devices such as the EskoArtwork Kongsberg tables, as well as HPGL devices. Automated converting was never so easy.*

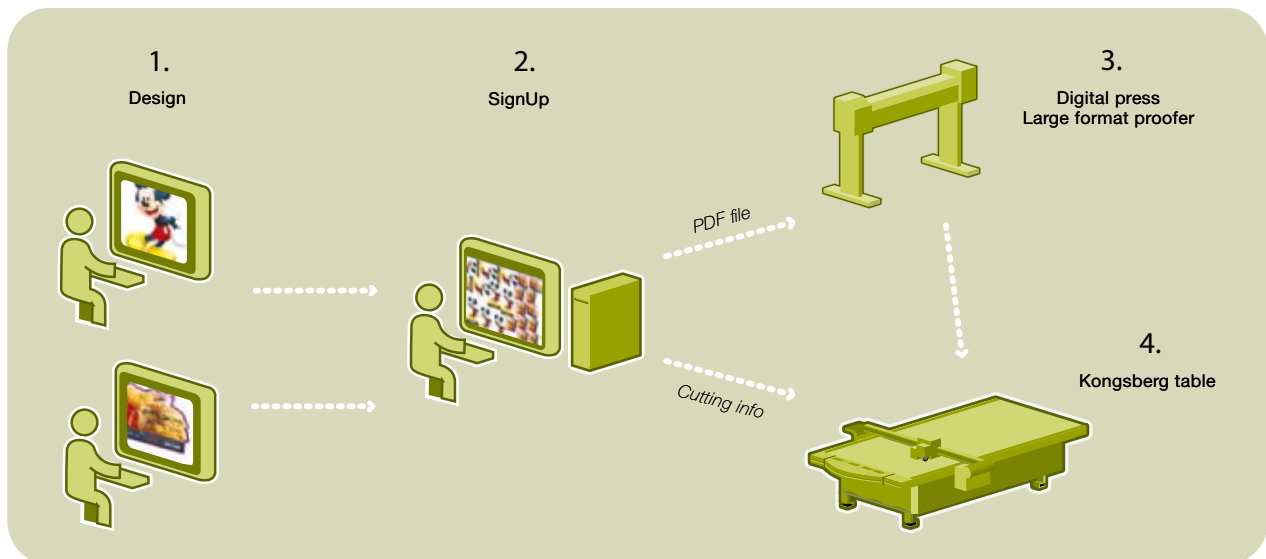
## Benefits

- Reduces material waste
- Reduces substrate usage
- Optimizes press times
- Rip-independent: a variety of digital printing and proofing devices, both sheet and roll fed, can be used

## How does it work?

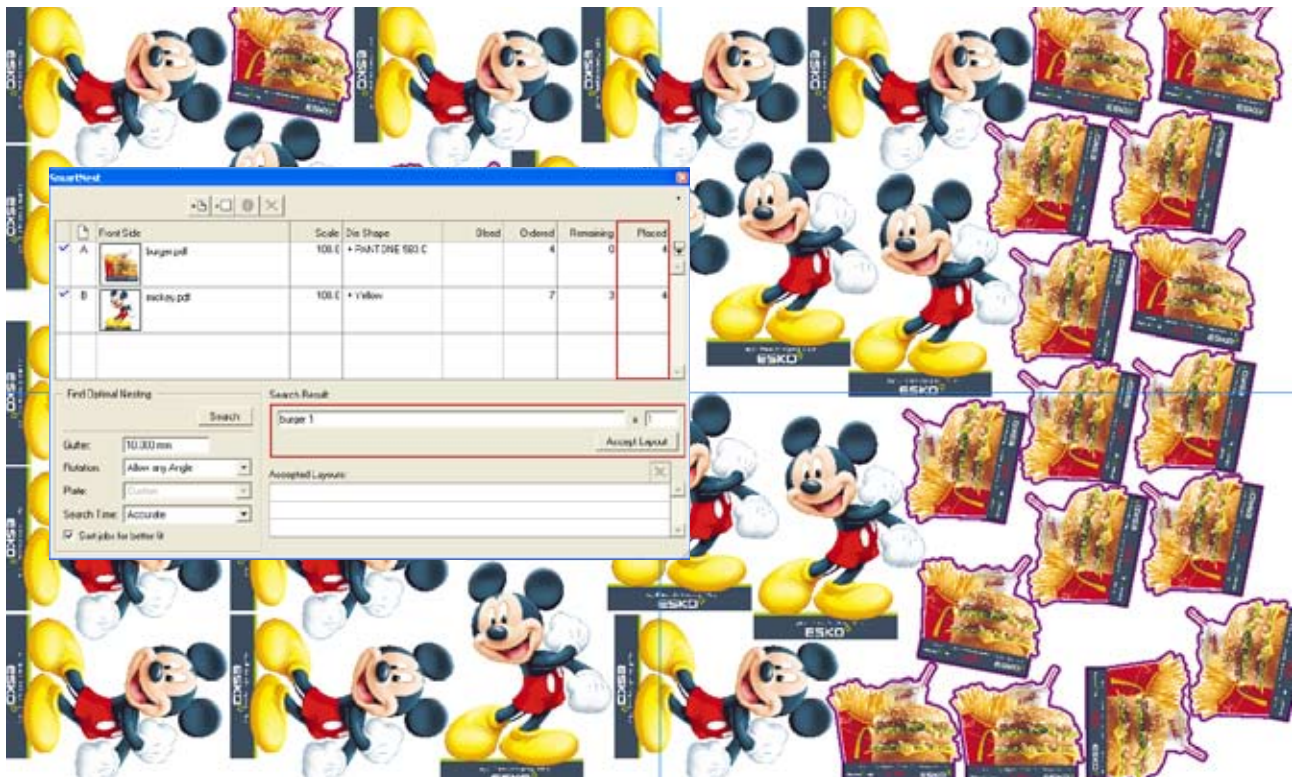
1. Jobs come in from a variety of desktop design and publishing packages.
2. SignUp nests them.
3. SignUp sends a PDF to the press.
4. The cutting information is sent to the finishing device simultaneously.

SignUp can also be used purely as a nesting application to cut laminating material for post print lamination purposes.



# Features

- True profile nesting. The nesting is based on the actual cutting contours, so the shape's irregularity is no issue.
- Nesting based on ordered quantities and job priorities.
- Automatic cutting contour generation.
- Cutting shape can be edited. For example to smoothen the shape for esthetic and cutting speed purposes.
- Automatic generation of back side double sided displays.
- Automatic synching between front and back side of double sided displays.
- Tiling for oversized jobs. Tiles can be edited interactively.
- i-Cut support for EskoArtwork Kongsberg cutting tables.
- Automatic contour masking and auto bleed. This is an optional feature for irregular shaped multi tile wall displays and special applications such as puzzles that require milling. This option saves a lot of the operator's time on the press side.



## Reduce waste, maximize your margins

SignUp nests pieces based on their true form and ordered quantities. It takes both regular and irregular shapes into account. This minimizes the number of printed sheets per job and optimizes the use of substrates as well as press time. This reduces labor costs and material waste, and decreases preparation time.



## Reduce errors

Reduce operator error with unique features such as links between the front and back sides of displays, guaranteeing a perfect match.

Precise cuts are assured with automatic placement of registration i-Cut marks and barcode-driven automation on i-Cut enabled finishing devices.

SignUp is extremely flexible. It allows for last-minute edits to cutting paths, is able to create a die shape automatically—for example, to provide smoother and straighter cutting shapes for aesthetic or cutting speed purposes.

## Save time

Because SignUp reduces the number of printed sheets per job, the press time is optimized.

The same can be said of the operator's time. The preparation of the cutting data takes a lot less time. And, because of the automation, the error rate is reduced significantly. Automatic finishing becomes the standard with finishing marks such as barcodes.

SignUp offers flexibility: die shapes are created automatically and cutting paths can be changed in the last minute.

## Tiling

SignUp is perfect for oversized jobs and billboards. It provides interactive adjusting for specialty purposes. Irregular tiles can be defined for special applications, such as exhibition booth corners, wall coverings, and store displays.

SignUp is second to none for jobs that need tiling for both the graphics and the cutting contour such as for large outdoor displays. Tiling the graphics as well as the cutting path for perfect registration on the cutting table saves hours of operator time and dramatically reduces error rate.

## Jigsaw

Prepare a jigsaw puzzle for printing and milling with just one click. SignUp offers automatic mask generation for every piece of the jigsaw. SignUp also compensates for milling on the contours, so that pieces fit perfectly when they are taken off a cutting table.

