CLOUDFLOW®

ANDERSON & VREELAND INC.

Module

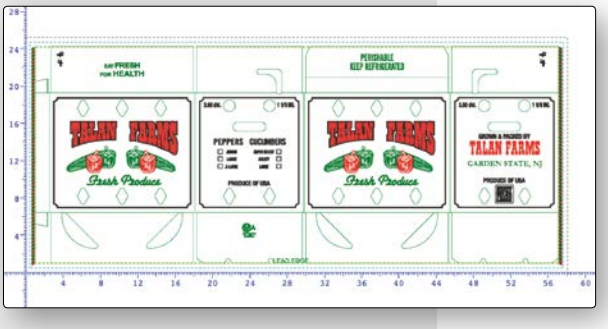
PATCHPLANNER

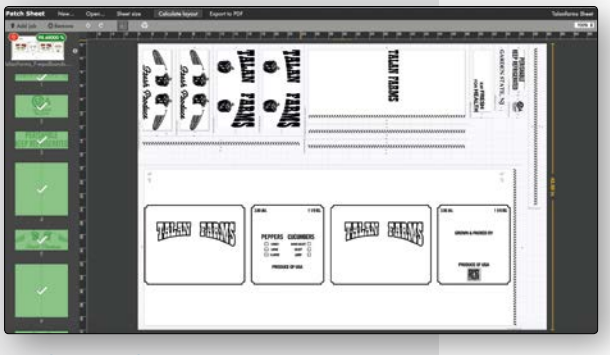
Mounting Solution for the corrugated plate industry

Functionality Overview

- Optimize flexo plate usage and increase mounting efficiencies
- Native PDF workflow – no need to RIP or screen files first
- Intuitive web-browser interface (up to 10 concurrent users)
- PROOFSCOPE quality control check before patching
- Cylinder mark definition, reduces plate waste (applying coordinates for register mark placement without artwork)
- PATCHPLANNER's zero coordinate is the same as your traditional zero coordinate (Lead Edge Center)
- PATCHPLANNER speaks your mounting language, so you don't have to learn a new language for digital mounting
- Auto-detect all artwork patches with a single mouse click
- Custom marks capabilities

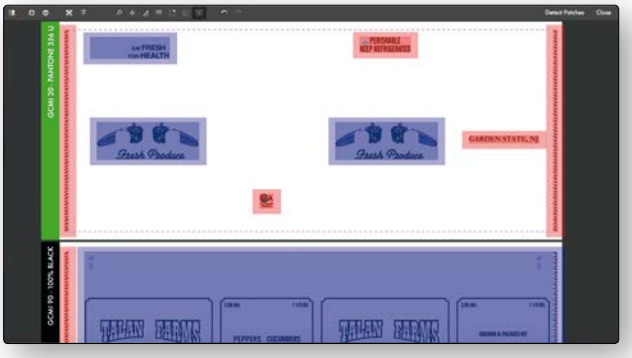
Original design





Resulting patches

Cylinder mark creation



Automatic patch detection

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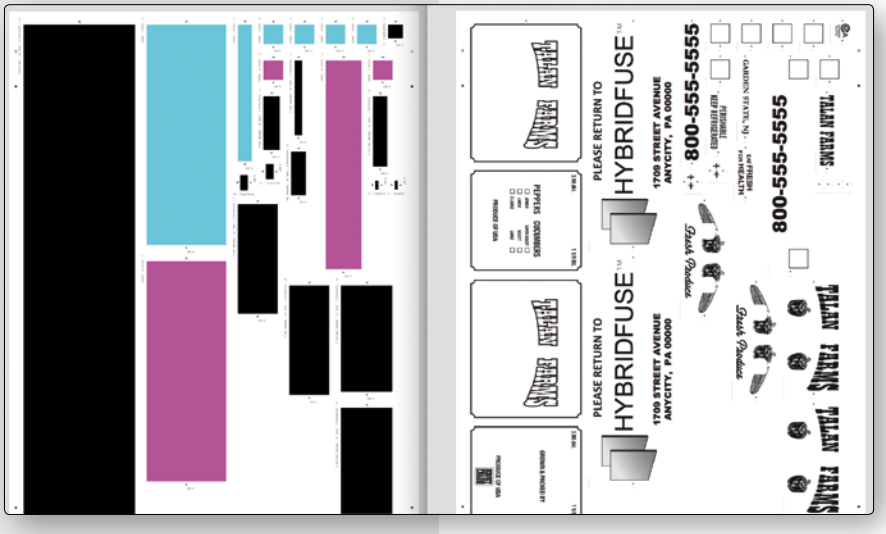
Benefits

Distinct separation between Jobs and Sheets

- A PDF file is uploaded to PATCHPLANNER, patched and MOM file generated to reassemble at mounting unit via XML coordinates
- Multiple job patches are associated to a sheet for optimal media usage
  - Database control over which patch was associated with a particular sheet
  - Database control displaying which patches remain to be plated

Multiple jobs positioned on sheet layout



Clear visibility of job groups in sheet layout

- Automatic overview cut sheet creation to easily show cutting depart what patches below to what job
- Intuitive sheet optimization algorithms for least waste and greatest production efficiencies
- Cut sheet PDF created of cut lines and sheet registration when using digital cutting for plates

- Runs on Mac or PC Server (customer supplied)
- Cross-platform support of standard web browsers (Chrome, Firefox, Safari, Internet Explorer 9 or later)
- Accepts print-ready PDF files from all standard graphics applications
- Separates multi-color PDFs into individual separations for patch planning
- Different crosshairs (sizes and designs) or microdots
- Output xml (e.g. 'mom' file) file with mounting mark coordinates which is automatically transferred to the Optimount
- Adjustable spaces and borders (additional space around, space between subject and crosshair…)
- Adjustable patch-suggestions
- Easy handling of grouping/ungrouping of patches
- Output is an optimized PDF file for film or plate imaging

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