

## Welcome to SAi Flexi 12

The Flexi product group contains some of the world's advanced tools for print production and sign making software. We have added many new features based on your feedback.

### Operating Systems Supported

- Windows 10
- Windows 8 32-bit (x86) or 64-bit (x64) processor
- Windows 8 Pro 32-bit (x86) or 64-bit (x64) processor
- Windows 8 Enterprise (x86) or 64-bit (x64) processor
- Windows 7 Home Premium 32-bit (x86) or 64-bit (x64) processor
- Windows 7 Professional 32-bit (x86) or 64-bit (x64) processor
- Windows 7 Ultimate 32-bit (x86) or 64-bit (x64) processor

Installing on a Mac using parallels or bootcamp is not recommended and not supported.

### SAi Flexi 12

#### Build 2324

14 May 2016

### Bug Fixes

- Multiple copy jobs sent to Graphtec GPL no longer cut multiple times
- PDF and EPS files with CMYK indexed images are now handled correctly
- Fixed an issue with rendering of overprinted spot channels
- Fixed an issue with Find File crashing when the searched folders have many hierarchies of sub-folders
- Fixed an issue where Flexi would crash when trying to load corrupted preferences
- The list of File Types in Add Job is now displayed correctly
- Registration marks are now applied correctly when adding nested print and cut jobs with Default job properties set to center align
- Cut options are now applied correctly on the Roland GX640
- Fixed an issue with printing Spot Colors
- Uploading jobs to the Approval tool in metrics will now display correctly on the customer website
- Fixed an issue with simultaneous printing to HP Latex 200 and 300 series

### New Printer Drivers

- HP: DesignJet T7200, DesignJet T3500, DesignJet T730 36, DesignJet T830 36, DesignJet T930 36, DesignJet T1530 36, DesignJet T2530 36, PageWide XL 8000, PageWide XL 5000, PageWide XL 4500, PageWide XL 4000
- Epson: SC-S70675, SC-S50675, SC-S30675, SC-P600, SC-P20000, SC-P10000, SC-P20070, SC-P10070, SC-P20080, SC-P10080, SC-P20050, SC-P10050, SC-S40600, SC-S60600, SC-S40610, SC-S60610, SC-S40670, SC-S60670, SC-S40680, SC-S60680, SC-S40650, SC-S60650, SC-S80600, SC-

S80610, SC-S80650, SC-S80670, SC-S80680, SC-F6070, SC-F6200, SC-F7200, SC-F6270, SC-F7270, SC-F6280, SC-F7280, SC-F9270, SC-F9280

- Mimaki: TS30, TS500P, JFX200-2513
- Mutoh : VJ-1324X (ValueJet), VJ-1624X (ValueJet), VJ-1624WX (ValueJet), VJ-1924WX (ValueJet), VJ-2638X, VJ-1938TX
- Roland : XT-640, VersaEXPRESS RF-640A

## **New Cutter drivers**

- Comagrav: Comagrav
- Mimaki : CF-0907-2-S, CF-0912-2-S, CF-1215-2-S, CF-1218-2-S

## **Build 2253**

**30 September 2015**

## **Bug Fixes**

- Labels containing Japanese characters now print correctly
- Re-arranging production manager queue columns now displays the data correctly
- Fixed an issue with the Bitmap Pro driver containing black dots in white underbase and fill
- Fixed a crash that might occur when using rational angled screen with CMYKLcLm color modes
- Files containing spot colors with empty names will now print correctly when sending from the RIP and Print dialog
- Default Job Properties tabs for hybrid devices now display correctly
- Fixed a crash that might occur when sending a print and cut file with masks
- QR codes now display and print correctly
- Fixed an issue with sending icc profiler targets in RGB 8 bit mode
- Profiler will now ignore presets that were set in default job properties
- Fixed a crash that might occur when combining stochastic dither with 3x4 resolutions
- Combining purify gray with CleanColor no longer prints too light
- Brand name of Hewlett Packard setups has been renamed to HP
- Fixed a crash that might occur when using a background fill on grouped and locked frames
- Duplicate setup in SE now work correctly
- Fixed an issue with the French translation of certain menu items not displaying correctly
- Production manager device icons have been updated
- Color bands with SO Diffusion and Smooth Gradients now print correctly
- Fixed an issue where certain PDF/PS would rip slower if the ignore overprint option was unchecked
- Cut after printing now works correctly on hybrid devices
- Fixed an issue with hybrid devices using registration marks where sometimes the bottom line of a contour path was not cut

## **New Printer Drivers**

- HP : Scitex FB550, Scitex FB750
- Roland : VersaStudio BN-20 ECO-SOL MAX3
- Lecai : LC-G5 Flag Printer, LC-Deluxejet 18SG+, LC-Deluxejet 32SG+

## **Build 2240 29 July 2015**

## **New Product Levels**

Flexi 12 has a completely new product line up that replaces the previous product levels and is better tailored to your needs

- **FlexiSIGN&PRINT**  
This SAI flagship product offers the total solution for print, print-and-cut and direct-to-vinyl production workflow. It includes a powerful production manager with a complete wide-format production feature set as well as a complete design application that makes sign and print design easy.
- **FlexiPRINT**  
This product has everything wide-format print businesses need for easy print and print-and-cut production. In addition to versatile nesting and tiling features, it also includes banner finishing, textile step-and-repeat and spot color matching and more. Also enjoy the industry's most seamless print-and-cut workflow that allows you to add multiple contour cut lines to any design in the fewest steps.
- **FlexiSIGN**  
This product has everything professional sign makers need for direct-to-vinyl design and cutting. It includes full graphic design, text serialization and color tracing features. It also has drivers for over 1000 cutter models and unique features to optimize cutting speed and make weeding faster and easier.

## New Design Features

- View and change object order. Flexi now lets you reorder the objects more intuitively, by selecting the objects in order, as well as having the option to optimize cutting start points. Access this feature via Arrange > Cut Order > Reorder.
- Preview how a job will be cut in the Animated Cut Viewer. Go to Arrange > Cut Order > Preview.
- You can now open and import multiple files at once. When you open multiple files, an .fs file will be created for each. When you import multiple files, your cursor will show a bounding box for each file. Click to position the first one, then click again to position the next.
- QR Code is now available for non-subscription users.
- 2D Data Matrix codes have been added. Type in text and select Text > Data Matrix > Text to Data Matrix.
- Artwork Approval Tool. Send Artwork out for approval to your customers before producing. Your customer will receive a website link to view the artwork you created and will be able to either add comments or approve. You can upload several revisions and monitor the status of each Artwork Approval Task. Create a job and select File > Send to Approval Tool to get started. Access the overview of all Approval jobs via the Job Approval icon in the Cloud window.
- Added True Shape Nesting for images with Contour Paths.
- Drawing placeholders for templates can now be scaled non-proportionally.
- The Send As E-mail feature now has a 'selection only' option.
- Flexi now supports TIFF files in planar format.
- The SummaFlex Swatch Library has now been added to Flexi.
- Cloud File Storage has been increased to 5GB.

## New Production Manager Features

- Updated Look and Feel. All levels of Production Manager now have a thumbnail preview in the queue for the selected job. All printing levels have a separate Hold, RIP and Output queue.
- Nesting Alignment Tools. Production Manager now allows more control over nested jobs. You can now select multiple jobs in a nest and align them either relative to each other or relative to the media edges.
- Apply Same Size to nested jobs. Select multiple files in a job nest and hit the Same Width or Same Height icons on the layout tab of Job Properties.
- Banner and Canvas finishing tools are now available to non-subscription users. Add grommets, fold and bleed to your jobs.
- Rectangular grommets and bleed option for corners of mirror and repeat bleeds have been added to the Finishing tools.
- Choke and Bleed. For color modes containing spot ink channels such as white or metallic, you can now define Choke or Bleed. Access this feature by selecting a color mode with a spot ink and hitting the Choke button.
- Smoother Gradients. Access this feature on the Color Management tab of Job Properties dialog or RIP and Print dialog. Gradients in EPS/PDF print jobs will be processed at a very high gradient precision, which will especially have an effect on lighter gradients rendered at larger sizes.

- Improved Pure Hue tool. Pure Hue can now be applied to all Primary and Secondary colors as well as to Gray, as well as achieving better transitions with neighboring colors.
- CleanColor™ provides an alternative pure hue method. Whereas standard pure hue bypasses color management and will keep input values as output, CleanColor™ first processes the color through ICC profiles and will then remove any channels that might have been added. This method may achieve more balanced colors than standard pure hue.
- Tiling settings can now be saved into Default Job Properties and presets.
- PANTONE Plus Libraries have been added to Production Manager Global Color Mapping. The choice between old PANTONE values or PANTONE Plus can be set in the Global Color Mapping dialog. PANTONE Plus is now set as default.
- Automatic gradient recognition for legacy EPS files. Older .EPS formats were not capable of storing gradients as vector objects and converted them to bands. This feature which can be switched on/off in Preferences will automatically recognize one of these band gradients and convert them back into vector gradients, for smoother output.
- Anti-Alias Text. This feature applies extra anti-aliasing to text in EPS/PDF jobs and was added especially to improve the look of very small and fine text. When checked, it will apply to all text, even large but the effect will be mostly noticeable on smaller text.
- Find printer for TCP/IP. When adding a new printer in Production Manager with a TCP/IP port, it can now search the network to find available printers and their TCP/IP address. Access this feature by hitting the Find Printer button when adding a new setup. Not all printers support being polled for their IP Address.
- Eliminate line segment overlap for contour jobs. When 2 cut lines overlap, Production Manager will only cut the line once.
- Added printing Tile Trim Lines to make it easier to cut long tiles to assemble, especially with white in the background, where the tile edge is difficult to see. You can access this feature from the Print Marks drop down menu on the Labels and Marks tab of Job Properties once a job is tiled.
- Optiscout is now supported.
- Added support for Rasterlink 6 to send print and cut jobs as single .eps files.
- Added support for the SpyderPrint Spectro.
- The Summa F-Series SummaFlex is now supported. SummaFlex Mark Options allow you to control mark size and amount, the distance between job and marks. Switch on barcodes for camera or for hand scanner.

## Improvements and Bug Fixes

### Design

- PDF with Type 3 fonts are now imported correctly
- Fixed an issue with drop shadow on capital A letters in certain fonts
- PDF export of jobs with composites that contain a path with cut contour attribute now works correctly
- Rhinestone paths will now be kept after applying path editing tools such as scissor and cleaver
- Improved spell checker for files with a very large amount of text objects

- Fixed an issue in DesignCentral for outlines and shadows where sometimes the Apply message would be lost
- Copying bitmaps from Firefox to Flexi now works correctly.
- It is now possible to assign a different color to QR and Data Matrix codes
- Flexi will now automatically detect the location of the Adobe PhotoShop CC Plug-in folder
- The default monitor profile has now been set to sRGB
- It is now possible to select another bitmap when using the bitmap fill tool without needing to exit the tool first between switching bitmaps
- Archive to Cloud will now wait until the upload of one file is completed before allowing a next upload
- Fixed a crash when using the bitmap eraser tool on a transparent bitmap to erase to original
- PDF files containing masks with winding fill are now imported correctly
- Fixed a crash that might occur when loading certain .fs files containing spot color mapping
- Contour cut objects with fill only and no strokes are now displayed correctly
- Fixed an issue with generating underbase white for TIFF or JPG
- The alternative colors for exporting Pantone to PDF will now be calculated based on LAB values instead of the base colors
- .sci files now open correctly
- In the Arrange > Nest tool, the default panel height is now set to the document height
- The Color Mixer out of gamut alert is now based on DeltaE 2000 larger than 2
- Open paths in PDF files with a fill and only 2 points will not be closed automatically on import
- Improved the display of PANTONE color gradients in soft proofing
- Added export to Flexi 8.0 format
- Fixed a crash that might occur when opening .fs files containing shared brush items for outline or shadow
- Sending a design that has a pattern brush with a transparent bitmap to a desktop printer no longer crashes
- Palette View is now working correctly
- Fixed a crash that might occur when creating outlines for very complex paths
- If the color of a cut contour path is not one of the CutContour spot colors, Flexi will automatically assign a CutContour spot color upon export to .EPS
- PDF based AI files can now be imported as linked
- Custom changes in Casmate workspaces are now saved correctly
- Fixed an issue with importing PDF files containing pattern fills with column spacing that is very close to -100%
- Fixed an issue opening complicated .fs files with nested effects
- Layers now import in the order specified in the original document instead of alphabetically
- Fixed an issue that sometimes thumbnail images were not generated when saving .fs files
- .fs files with dash pattern strokes now load the dash pattern correctly
- After archiving a file to cloud, Flexi now prompts to save the file locally before exiting
- Auto-place on import now uses paste offsets specified in the Preferences dialog
- Meter limits are now kept on the inside paths for strokes when importing .ai files
- Fixed an issue importing PDF X4 files with PANTONE spot colors

- Zoom center now updates correctly with pan scroll
- License Manager shortcut is now available in the Program Groups

### **RIP&Print and Cut/Plot**

- Custom Spot Color mapping is now applied correctly when sending files with spot colors from the Rip and Print dialog
- Jobs sent from Flexi Rip and Print as Send Now will no longer be on hold when the Autoload Preview option is switched on in Production Manager preferences
- Flexi RIP and Print now remembers media size changes for the next job
- The list of ICC profiles now loads faster on the RIP and Print dialog when there is a long list of profiles
- For contour cut jobs, when the cutter is smaller than the printer, Flexi will only alert once about the difference in size instead of with every job
- The Cut/Plot and RIP and Print dialogs now remember user defined options when opening a new document
- Masking paths that are used as cut contour paths are no longer being skipped for cut output
- The RIP and Print dialog will now use the cut mark options that are set in Default Job Properties of Production Manager
- Changes in Color Adjustment Curves made in the RIP and Print dialog are now stored to preferences and inside the .fs file
- RIP and Print will now read the default selected label color from Production manager

### **Production Manager**

- All Zund ZCC cut types are now supported
- Zund ZCC barcode number is now added to the file name for easy visual reference
- Fixed an inconsistency of Zund ZCC mark placements between print and cut
- The default extension for Zund ZCC files has been changed to .zcc
- Fixed an issue when loading grommet settings from presets
- Summa barcode and XY lines now extend over all pages of multipage PDF jobs
- Nested jobs with both print only jobs and jobs with contour cut paths will now generate the cut job correctly
- Fixed a mismatch between print and cut when the output has many rows of small jobs as well as cut marks
- Fixed a mismatch between preview and output where sometimes the preview would allow more objects on a row than in output
- Output ICC profiles from presets now apply correctly to all sub jobs of nested nobs
- The finishing tool preview now have zoom and rulers
- Embedded grayscale input ICC profiles now apply correctly
- Negative Graphtec marks will now be in the center of the squares

- When a default cutter is set in default job properties, registration marks will be skipped for jobs without contour cut paths
- Invalid characters in ICC profile names will be removed automatically in Color Profiler
- Variable White in RIP will now be generated by lightness instead of ink density
- Color Adjustment curves from presets created in Production Manager are now set loaded correctly in the RIP and Print dialog
- Improved rendering speed of files with spot color gradients
- Fixed a crash that might occur in the Cut/Plot dialog with the tile all copies feature when there is no cut object in the job
- When nesting jobs in Production Manager, sub jobs will be rotated automatically to avoid tiling
- Advance after plot is now selected automatically when a repeat job is specified
- Jobs can now be dragged across different sheets of media on flatbed printers in manual nesting
- Fixed an issue with HP Latex Printers synchronizing media containing special characters
- Fixed a crash that might occur when closing the Job Properties dialog while the preview is being generated for textile step and repeat
- Renamed options for Graphtec marks. Size has been renamed to total size. This option is for adjusting extra margins outside the marks. Margin refers to the distance between the corners of the marks and the job. Length has been renamed to Mark Length
- Fixed an issue with opening Driver Properties for the Graphtec GPGI driver
- Passmask now applies to spot channels such as white for Roland drivers that support it
- Fixed an issue that might cause extra cut lines when the knife offset is not 0
- Improved rendering of overprinted spot channels
- Moving jobs with presets in non-English locales now works correctly
- The automatic tile flip check box has been moved from the preferences dialog to the tiling tab of Default Job Properties
- Fixed an issue with Repeat Job sent to Hybrid devices
- Object Color Control now works for PDF files with transparency groups or transparent bitmaps
- Fixed an issue where sometimes skipped separations were still printed
- Nested jobs now apply the correct media and resolution when Job Properties are different from Default Job Properties
- Fixed an issue that sometimes ink split was applied to ink limit targets when Default Job Properties had an ICC Profile set
- Fixed an issue that when a different color than black was chosen for labels, the preview in Production Manager would still display it as black
- In Job Properties, center on layout is now remembered when changing media size after setting positioning
- Fixed an issue in the Save As dialog in Production Manager that sometimes a change in format selection was not being applied
- The line width of Mutoh AASCII marks has now been changed to 0.1mm for large marks
- Fixed an issue with printing separations with spot channels
- Fixed a RIP error that might occur when the label color is a spot color that is also used in the design



- Pages of Multipage PDF files are now kept side by side when assigning marks while center aligned
- Job names are no longer truncated in Production Manager if the original .fs file name contains an extra period
- The default value for Ignore Overprint is now unchecked
- Fixed a RIP error that might occur with very small gradients
- Margin and Border now print correctly on printers with RGB 8 bit color modes
- When a mark is changed from margin to other types, the label width is now adjusted accordingly
- The job previews in the main window for tiled print and cut jobs now display correctly.

### **New Printer Drivers**

- DYSS: DYSS-GH-2200-16SFWFV, DYSS-GF-2613-12FRWRV
- Hewlett-Packard: HP Latex 370 Printer, HP Latex 110 Printer
- Mimaki : JV300-130, JV300-160, CJV300-130, CJV300-160, JV150-130, JV150-160, CJV150-130, CJV150-160, CJV150-107, CJV150-75, JFX200-2131, UJV500-160, SIJ-320UV  
Mutoh: VJ-628X, VJ-1628X, VJ-1938WX, VJ-1638WXLA
- Roland: SOLJET PRO 4 XR-640 C, SOLJET PRO 4 XR-640 WMT, SOLJET PRO 4 XR-640 LkW, SOLJET PRO 4 XR-640 LkMT, Texart RT-640
- SID : SID Triton Series
- Titan: TT-4C DYE, TT-4C ECO, TT-6C DYE, TT-6C ECO, TT-6C-2 DYE, TT-6C-2 ECO, TT-8C-LLK, TT-8C-LY, TT-8C-Textile, TT-8C-WV, TT-Ricoh-4C, TT-Ricoh-6C, TT-Ricoh-Textile, TT-Ricoh-UV,
- Xenons 4740TX-8C, Xenons 4740TX-6C, Xenons 4740TX-4C, Xenons RICOH-WV

### **New Cutter Drivers**

- AZONColor: CC64w, CC24a, CC48a, CC64a
- Eurosystems: Optiscout
- GO: GO MaxCut ARS
- Mimaki: CJV300-130, CJV300-160, CJV150-130, CJV150-160, CJV150-107, CJV150-75
- Roland: SOLJET PRO 4 XR-640 C, SOLJET PRO 4 XR-640 WMT, SOLJET PRO 4 XR-640 LkW, SOLJET PRO 4 XR-640 LkMT, GS-24
- STM Robotics: STM24, STM48, STM721, STM1351,
- SUCHI: SC-730, SC-730E, SC-730S, YX-730L, SC-1300, YX-1300L, SC-1350E, SC-1350S, YX-24L, YX-48L
- Summa : F SERIES (SummaFlex)
- Titan: TITAN 3 ARMS