# Sawgrass Printers SPM Print Setup Guide: Illustrator CS6-CC

**IMPORTANT:** Before proceeding, ensure that the Sawgrass Print Manager and the Sawgrass driver have been installed. For assistance with installation, refer to the Installation Guide.

#### Adobe Illustrator Workspace Setup

1) Begin by opening Adobe Illustrator. In the menu bar, click Edit > Color Settings (see FIGURE 1).

File Edit Object Type Select Eff	ect View Window Help 🖿 🏢			
Undo Redo	Ctrl+Z Shift+Ctrl+Z			
Cut	Ctrl+X			
Сору	Ctrl+C			
Paste	Ctrl+V			
Paste in Front	Ctrl+F			
Paste in Back	Ctrl+B			
Paste in Place	Shift+Ctrl+V			
Paste on All Artboards	Alt+Shift+Ctrl+V			
Clear				
Find and Replace				
Find Next	1.000			
Check Spelling	Ctrl+I			
Edit Custom Dictionary				
Edit Colors	÷			
Edit Original				
Transparency Flattener Presets				
Print Presets				
Adobe PDF Presets				
SWF Presets				
Perspective Grid Presets				
Color Settings	Shift+Ctrl+K			
Assign Profile				
Keyboard Shortcuts	Alt+Shift+Ctrl+K			
Preferences	•			

FIGURE 1

2) In the Color Settings window that opens, match your settings to those shown below (see *FIGURE 2*).

Color Settings			
			sistent solar Ta
synchronized: Your Cr	e Color Settings in Bridge.	e not synchronized for cons	sistent color. To
Settings: Custom		▼ Load	. Save
Working Spaces			
B RGB: SRGB II	EC61966-2.1	V	
СМУК: U.S. W	eb Coated (SWOP) v2		
Color Management Policies			
RGB: Convert	t to Working Space		
CMVK Presen	e Embedded Profiles		
Drofile Mismatches: 🗸 Ask V	vhen Onenina    ✓ Ask Whe	n Pastino	
Missing Profiles: 🗹 Ask W	Vhen Opening		
Conversion Options			10
Engine: Adobe	(ACE)		
Intent: Percep	tual		
K→ ✓ Use E	lack Point Compensation		
Description:			
		016	Canad
		OK	Cancel
		V	

FIGURE 2

- A. Settings: Custom
- B. RGB: **sRGB IEC61966-2.1**
- C. CMYK: U.S. Web Coated (SWOP) v2
- D. RGB: Convert to Working Space
- E. CMYK: Preserve Embedded Profiles
- F. Profile Mismatches: Check Ask When Opening and also check Ask When Pasting
- G. Missing Profiles: Check Ask When Opening
- H. Click: More Options if Conversion Options are not available
- I. Engine: Adobe (ACE)
- J. Intent: Perceptual
- K. Check: Use Black Point Compensation
- L. After all of the settings match those specified above, click the Save button.

M. In the Save Color Settings window that opens, NAME your new preset in the **File Name** field and click **Save** when complete (see *FIGURE 3*).

Save As: Sublimation
Tags:
Where: Settings
File Format:       Adobe Color Settings File (*.csf)
Cancel Save
FIGURE 3

- N. Click **OK** to exit the Color Settings window (see FIGURE 2)
- 3) In the menu bar, click **File > New.** (see *FIGURE 4*).



FIGURE 4

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4) In the **New Document** window, make the selections shown below (see *FIGURE* 5).

New Document
Name: Untitled-2
Profile: [Custom]
Number of Artboards: 🗘 1
Spacing: 🗧 20 pt Columns: 🚽 1
Size: Letter 🗸
Width: 612 pt Units: Points
Height: 792 pt Orientation: 👸 🚯
Top Bottom Left Right
Bleed: ‡ 0 pt ‡ 0 pt ‡ 0 pt 3
Advanced
Color Mode: RGB
Raster Effects: High (300 ppi)
Preview Mode: Default
Align New Objects to Pixel Grid
Templates OK Cancel
FIGURE 5

- A. Click the down arrow next to Advanced
- B. Color Mode: RGB
- C. Raster Effects: High (300 ppi)
- D. Preview Mode: Default
- E. Click OK to save your changes and continue
- 5) When opening or importing images in Illustrator, you may encounter a Missing Profile or Embedded Profile Mismatch warning. For the Missing Profile instance, select the radio button for Assign current working space: sRGB IEC61966-2.1 and click OK to continue (see FIGURE 6A). For the Embedded Profile Mismatch instance, select Convert document's colors to the working space and click OK to continue (see FIGURE 6B).

Missing Profile	Embedded Profile Mismatch
A The document does not have an embedded RGB profile.	The document has an embedded color profile that does not match the current RGB working space.
What would you like to do?	Embedded: ColorMatch RGB
<ul> <li>Leave as is (don't color manage)</li> </ul>	Working: sRGB IEC61966-2.1
Assign current working space: sRGB IEC61966-2.1	What would you like to do?
Assign profile: Working RGB - sRGB IEC61966-2.1	<ul> <li>Use the embedded profile (instead of the working space)</li> </ul>
	<ul> <li>Convert document's colors to the working space.</li> </ul>
OK Cancel	Oiscard the embedded profile (don't color manage)     OK Cancel
FIGURE 6A	FIGURE 6B

**NOTE:** Always choose to assign or convert to **sRGB IEC61966-2.1**.

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6) Everytime an image is opened or imported in Illustrator, ensure that RGB color mode has been selected. In the menu bar, click File > Document Color Mode > RGB Color. A check mark should now be visible beside RGB Color (see FIGURE 7).



FIGURE 7

#### Printing using the Sawgrass Print Manager

- 1) Unfortunately, on a Mac you cannot print directly to the SPM from Illustrator. You will have to export the artwork as either a .jpg, .png or .pdf file.
- 2) After the file is exported, go to the top toolbar and click on the **PM** icon and select **Open Local File**. (see *FIGURE 1*). If the icon is not there, then go to Applications and double click the Sawgrass Print Manager.



3) Locate the file that needs to be printed (see *FIGURE 2*).

	Desktop	0	٥	Q Search		
Favorites	xml versio0" encoding</p					
Desktop	Clock					
O Downloads	B Edited					
Applications	Facebook message					
Documents	FacebookPosts	•	T	EST		
iCloud	Final Cut Tutorial izzyvideo_fcle_bundle_v01	Þ				
iCloud Drive	Leatherette 2019	Þ				
Locations	Link.txt Screen Shott 3.33.30 PM					
sublimation's Mac	Screen Shot11.22.09 AM					
Macintosh HD	Screen Shot11.22.21 AM		te	est.jpg		
Uirtuoso Print ≜	Sign Supply ORL Phone.jpg test.ai		JPEG in	nage - 185 KB		
Remote Disc	test.jpg		Tags	Add Tags		
	Time Lapse.mov		Created	Today, 11:21 AM		
Wetwork	webinar.jpg		Modified Dimensions	Today, 11:21 AM 613×793		
				Can	cel	Open



4) SPM window will appear. If you have more than one printer be sure to select the correct one from the dropdown. Then select the **substrate**, **paper type** and **tray**. You can also set the print quality (most of the time **High Quality** will be used. If sublimating onto the front of the substrate, you will leave the **Mirror** option checked. If sublimating onto the back of the substrate (usually glass or acrylic) then uncheck it (see *FIGURE 3*).

Printer: SAWGRASS SG500	Print Manager
Material     Layout     Jobs     Color     Other       Substrate:     Print Quality:     High Quality     ✓       Paper:     Source:     TruePix Classic     ▼       ✓ Mirror     ✓     ✓	8.500 in
	Cancel Print

FIGURE 3

laterial Layout	Jobs Color Other			
Name	Copies Width Heigh		8.500 in	1
- +		sRGB IEC61966.2.1 (assumed by SPM) Width (in): 8.500 Height (in): 11.000 Pixels per inch: 300.0 Copies: 1	TEST	11.0 in
			ncel Print	

5) Under the **Jobs** tab is where the number of copies can be entered. (see *FIGURE* 4).

6) Under the Color tab, you can make color adjustments. Under the Color Mode there are two options available. Vivid setting (for logos or vector art) and Photographic (for photos). The Palette section will replace spot colors in the design with ColorSure colors. (see FIGURE 5).

Material Layout       Jobs       Color       Other         Color Mode       0       0       0       0         Vivid       0       0       0       0       0         Palette:       0       0       0       0       0       11.000 in         Disabled       0       0       0       0       0       11.000 in	Printer:	Print Manager
Used Swatches: 0	Color Mode     Color Adjustment       Vivid     0       Palette:     0       Disabled     0       Used Swatches: 0     Reset	8.500 in 11.000 in
Cancel     Print		Cancel Print



7) Once all options are selected click **Print**.