

IMPORT ICC PROFILES



1. INTRODUCTION

To adapt your media with the whole Printer/RIP/Inks you have to do:

- A correct printer calibration. This calibration includes heads alignment depending of the media's thickness, the bi-directional setting, the feed avance setting, the temperature of heaters.

- A correct software calibration in the RIP. This calibration includes colours configuration, resolution, number of passes, dot pattern, uni or bi-directional, head speed

- A correct colour calibration in the RIP software. This calibration includes primairies inks restrictions, dark/light inks transitions, linearization, total ink limit.

- A correct colour characterization of the system with an ICC profile

When we import a calibration in a RIP software, this calibration must have inside all the parameters of the printer, of the RIP and an ICC profile.

This operation is simplified by different export formats used by RIP software manufacturers.

2. IMPORT PROFILES IN CALDERA

1- Go in Easy Media :

	VisualRip+ 🔹 🗖 X
Fichier Spécial A propos de	
Applications Règlages	
Info Fileman Trashcan Workflow FilipMax	EasyMedia Image: Compose Tiling+ Image: Compose
defaut	
défaut	
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driver_passengerfrontfront	Public Public

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2- Select the printer



3- Go to Install a Patch

EasyMedia	
Designjet-L25500	
Nom	Projets
Hexis HX100WG2 serie - Cast Adhesive Gloss Vinyl	1
Hexis HXL300WG2 - Latex PVC Free Adhesive Gloss Film v2	2
Hexis V200WG1 serie - Polymeric Adhesive Gloss Vinyl	1
Hexis V201TR1 - Polymeric Adhesive Translucent Vinyl	1
Hexis V203EG - Edge Glass Polymeric Vinyl	1
Hexis V3000WG - Adhesive Gloss Eco Monomeric Vinyl	1
Hexis V3000WM Matte Monomeric Vinyl	1
Hexis V300WG1 serie - Monomeric Adhesive Gloss Vinyl	1
Hexis V301WS1 White Satin Monomeric	1
Hexis V302CG1 - Clear Monomeric Gloss Vinyl	1
Hexis V400WG Eco Monomeric Vinyl	1
Hexis FRONT2 - HQ 550g Front Banner	1
Hexis FRONT3v2 - Eco Front Banner	3
Hexis JI300M1	1
Hexis P135 - 135g White Satin Poster Paper	3
Hexis PM150 - Matte Paper 150g	3
Hexis PUP125ELUS - Loated Polyester Upaque Silver grey Back	< 1 1
TEXIS UFLEAD	1
Jexis Mri2003D-Mri2004H Maii baber	1
Créer Dupliquer Supprimer Editer	HP Media Finder
Statistiques	Installer un Patch Créer un Patch
Sélectionnez le liveuia à cali Cliquez le bouton "Créer" pour créer un	brer nouveau Média



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4- Select your .calpatch an open it

Sélection du fichier	↑ □ ×
Dossier : /home/caldera/Bureau/profils_caldera/L25500	V V
Nom	
12_passes_derniere_version/	
Designjet-L25500_Hexis_INIP.calpatch	
Designjet-L25500_Hexis_VL2000WG_Polymeric_Vinyle_for_latex.calpatch	
Usignjet_L25500_Hexis_FRUNT2_B0081.calpatch	(\mathcal{A})
Designjet_L25500_Hexis_FRUNISV2ECO_Front_Banner.calpaten	
Designjet 125500 Hexis P135 B0321 calpatch	0
Design jet L25500 Hexis PM150 B0081.calpatch	
Designjet_L25500_Hexis_PM150_B1235.calpatch	모물
Designjet_L25500_Hexis_POP125ECOS_B0081.calpatch	-
Designjet_L25500_Hexis_UFLEX3_B1108.calpatch	
Designjet_L25500_Hexis_V301WS1_White_Satin_Monomeric_v2.calpatch	
Designjet_L25500_Hexis_V302CG1Clear_Monomeric_Gloss_Viny1_v2.cal	DE S
Designjet_L25500_HEXIS_WP13003D_WP13004M_Wall_paper_B1108.calpatch	
a (m)	
	_
Fichier : Designjet_L25500_Hexis_PM150_B0081.calpatch	
Ture X In - I I	V
Type : calpaton	2
Annuler	Ouvrir

6- Close *Easy Media*. If you want set the colour management you can go in colour management options after you had open a file:

🇯 De	siç	njet-L25500 🔹 🕈 🗕 🗆	×
		Caldera_Test_Print_Technica Fichier PDF 594.0 × 420.1 mm avec Contour de découpe	a_'
Copies	:	1 🛔	
Résolution	:	600	Y
Alimentation	:	Roll60	Y
Media	:	Hexis HX100WG2 serie - Cast Ac	Y
Mode	:	CMYKcm	Y
Qualité	:	12-pass-Bi	Y
Action	:	Imprimer	Y
		Conserver le fichier Rip	pé
\diamondsuit	2	1 4 10 0	
Prêt		Imprimer Quitte	er 🔤



7- Then go in the tab Output and check that the colour management and the curves are activated

Couleurs	↑ □ ×
Resumé Gestion des couleurs Sortie Autres	
Activer la gestion des couleurs	
– Profil de sortie (Auto)	Défaut
Designjet-L25500_HHX100WG2sCAGV_600_CMYKcm_10	pB.icc
- Profil de simulation	
Appliquer :	
Rendu : Colorimétrique	Y
Activer les courbes	
- Courbes de linearisation (Auto)	Défaut
Designist L25500 LUV100WC2+CACV S00 CMV//em 10	Dena
Designjer-L25500_HHX100WG2sCAGV_600_CMYRCm_10	pB.ppc
- Courbes de correction	
Appliquer : untitled.ppc	
- Séparation des encres claires/foncées (Auto)	Défaut
Designjet-L25500_HHX100WG2sCAGV_600_CMYKcm_10	pB.ppi
Règlages de calibration Défa	ut Fermer

8- To change the input profiles you can go in the colour management tab

Couleurs	↑ □ ×
Resumé Gestion des couleurs Sortie Autres	
✓ Profil Gris : [CalderaGrey.icc]	<u>x</u>
₹ Profil RVB : AdobeRGB1998.icc:sRGB.icc	Y
✓ Profil CMJN : Euroscale_Coated_v2-2.icc	Y
Rendu Images : Perceptuel	<u>y</u>
Rendu Vecteurs : Perceptuel	Y
✓ Préserver le noir pur : Vecteurs	<u>×</u>
Le fichier a un ou plusieurs profil(s) encapsulés	
Avancé.	Défaut
Règlages de calibration Défaut	Fermer



9- If you go in Advanced you can check your input profiles depending of your works habits. If you don't know you can let Caldera make the choice and select Auto for everything

1	Gestion	de	s couleurs		↑ □
Images Ve	ecteurs Option:	s			
	ICC	: [Activé	7	auto
Gris	Profil	: [[CalderaGrey.icc]	7	auto
	Rendu	: [Perceptuel	X	auto
	ICC	: [Activé	7	auto
RVB	Profil	: [AdobeRGB1998.icc:sRGB.ic	Y	auto
	Rendu	: [Perceptuel	X	auto
CMJN	ICC	: [Activé	7	auto
	Profil	: [Euroscale_Coated_v2-2.icc	Y	auto
	Rendu	: [Perceptuel	Y	auto
	Préserver	:			auto
Special	Point noir	: [Composite	7	auto
	Point blanc	: [Convertir	7	auto
e fichier a l	un ou plusieurs p	orofil	(s) encapsulés	_	
Perceptuel	Colorimétrique	+BP	C Charger Sauver	Déf	aut

10- You can close the colour management options and enjoy your printing !!





<u>Disclaimer</u>

In order to give the best customer support and ensure that you obtain the best printing results, Hexis provides a number of tools and recommendations for the use of our products.

These ICC colour profiles a provided free of charge.

Hexis declines all responsibility for any direct or indirect consequences resulting from the installation and the use of these ICC profiles.

The user is solely and entirely responsible for the printing quality and the colorimetric precision obtained withe the help of these profiles.

These profiles were developed by our colorimetrics specialists in our digital printing department. They are precise only for a given illuminant (standard illuminant), for the printer with which they were developed and for the ambient temperatures and the relative humidity corresponding to their set up. Indeed, certain parameters may change from one printer to another, but also in relation to environmental conditions which have important consequences on the printing quality.

The user must be aware that an ICC profile for an output peripheral does not work independently. It is only one tool amongst others in the digital imaging chain which allows him to master colour handling and the correct use requires solid knowledge of colour management.

