

# Epson SureColor EMX for ErgoSoft

# EMX for Ergosoft

- Epson have introduced the EMX Format
- Users can import Printer setup files directly into the Control Panel of the printer and Print Environments directly into the Ergosoft RIP
- This reduces the need for custom profiling and setup

# EMX for Ergosoft

- To implement the EMX there are a number of requirements:
  - Epson Control Dashboard (ECD)
  - Communications Driver for specific printer
  - Internet connection (Recommended)
  - ErgoSoft RIP
  - Ethernet connection to printer

# EMX for Ergosoft

- When installing the printer it is required that the Communications driver be installed
- This is not a printer driver but a communications link to the printer
- Epson does not make a printer driver for the SureColor printers, Rip software is the only way to print

# EMX for Ergosoft

- The Epson Control Dashboard (ECD) needs to be installed
- The ECD is the only way to download the EMX files
- Registration with the printer is required by the ECD
- The Serial Number of the printer is acquired for the ECD to operate

# EMX for Ergosoft

- The ECD communicates with the printer allowing the User to monitor all the features of the printer:
  - Ink Levels
  - Firmware Updating
  - Temperatures of the heaters
  - Notifications
  - Cleaning functions
  - Nozzle Check Patterns

# EMX for Ergosoft

Communications Driver

## Epson Control Dashboard

 EPSON SC-S60600 Series Comm Driver (Copy 1)  
Ready

Printer Type



Name : EPSON SC-S60600 Series Comm Driver (Copy 1)  
Model : SC-S60600 Series  
IP Address : 172.23.24.168  
Serial Number : 4641000001  
Firmware Version : HA016G6,1.09

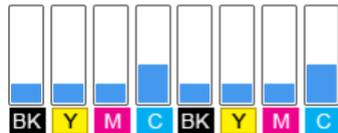
 Ready

Serial No.

Current Media :

**PG** Platen Gap : **W** Width : 1360 mm **L** Remained Length : 32 m

Ink Cartridge



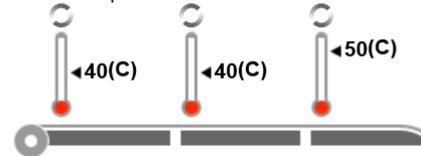
Waste Ink Bottle



Wiper Unit



Heater Temperature



Additional Dryer



# EMX for Ergosoft

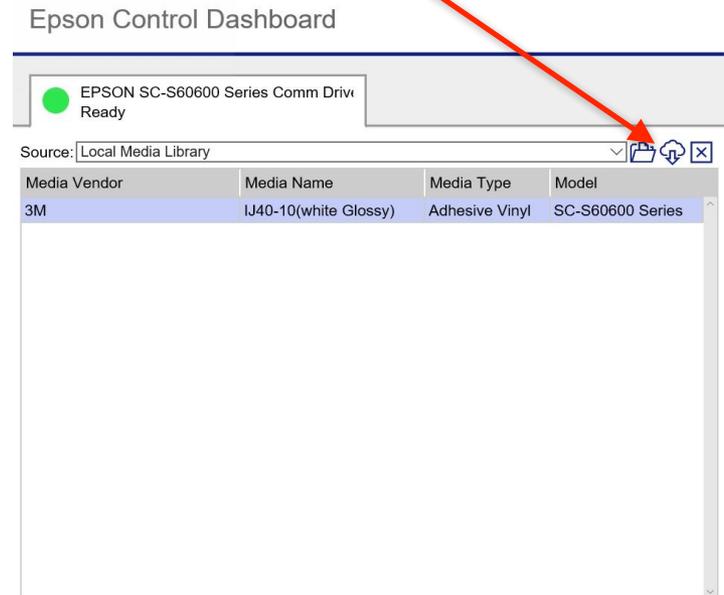
- Launch ECD and select Media Settings

## Epson Control Dashboard

The screenshot displays the Epson Control Dashboard interface. At the top, it shows the printer name 'EPSON SC-S60600 Series Comm Driver (Copy 1)' with a green 'Ready' status. Below this, a small printer icon is shown alongside its model, IP address (172.23.24.168), serial number (4641000001), and firmware version (HA016G6,1.09). The 'Current Media' section indicates 'PG Platen Gap', 'W Width : 1360 mm', and 'L Remained Length : 32 m'. The 'Ink Cartridge' section shows levels for BK, Y, M, and C. The 'Waste Ink Bottle' and 'Wiper Unit' sections show their respective levels. The 'Heater Temperature' section shows three temperature indicators at 40(C) and 50(C). The 'Additional Dryer' section shows a fan icon. At the bottom, a row of buttons includes 'Media Settings', 'Print Nozzle Check Pattern', 'Head Cleaning', 'Start Pre-Heating', and 'Firmware Update'. A red circle highlights the 'Media Settings' button, and a red arrow points from the top right towards it.

# EMX for Ergosoft

- Select the Cloud services icon
- This will connect to the Epson Media Servers
- An internet connection is required



# EMX for Ergosoft

- The Download Media Setting dialog will launch
- Select the Global Region option then the required Media Vendor
- Select the Media Type
- Select the Model of printer
- Search and the media options will be loaded

Download Media Settings

Search media settings file(.emx) from Contents Server.

Region: Global | Media Vendor: 3M | Media Type: Adhesive Vinyl | Model: SC-S60600 Series | Search

Media Vendor	Media Name	Media Type	Model	Last Update	Status	
3M	IJ5346F	Adhesive Vinyl	SC-S60600 Series	06/07/2016	Not Acquired	
3M	PF000	Adhesive Vinyl	SC-S60600 Series	06/07/2016	Not Acquired	
3M	PF050	Adhesive Vinyl	SC-S60600 Series	06/07/2016	Not Acquired	
3M	PF051	Adhesive Vinyl	SC-S60600 Series	06/07/2016	Not Acquired	
3M	IJ1220G-10G(U printing film)	Adhesive Vinyl	SC-S60600 Series	06/07/2016	Not Acquired	
3M	SV480Cv3 Premium Envision Wrap Film Non-PVC	Adhesive Vinyl	SC-S60600 Series	28/12/2015	Not Acquired	
3M	PF052	Adhesive Vinyl	SC-S60600 Series	28/12/2015	Not Acquired	
3M	PF001C	Adhesive Vinyl	SC-S60600 Series	28/12/2015	Not Acquired	
3M	IJ5331Cv3	Adhesive Vinyl	SC-S60600 Series	28/12/2015	Not Acquired	
3M	IJ5341	Adhesive Vinyl	SC-S60600 Series	28/12/2015	Not Acquired	

1 2 3

Download Close

# EMX for Ergosoft

- Once the require media type is found select the Download button
- The requested media will then be acquired

Download Media Settings

Search media settings file(.emx) from Contents Server.

Region: Global | Media Vendor: 3M | Media Type: Adhesive Vinyl | Model: SC-S60600 Series | Search

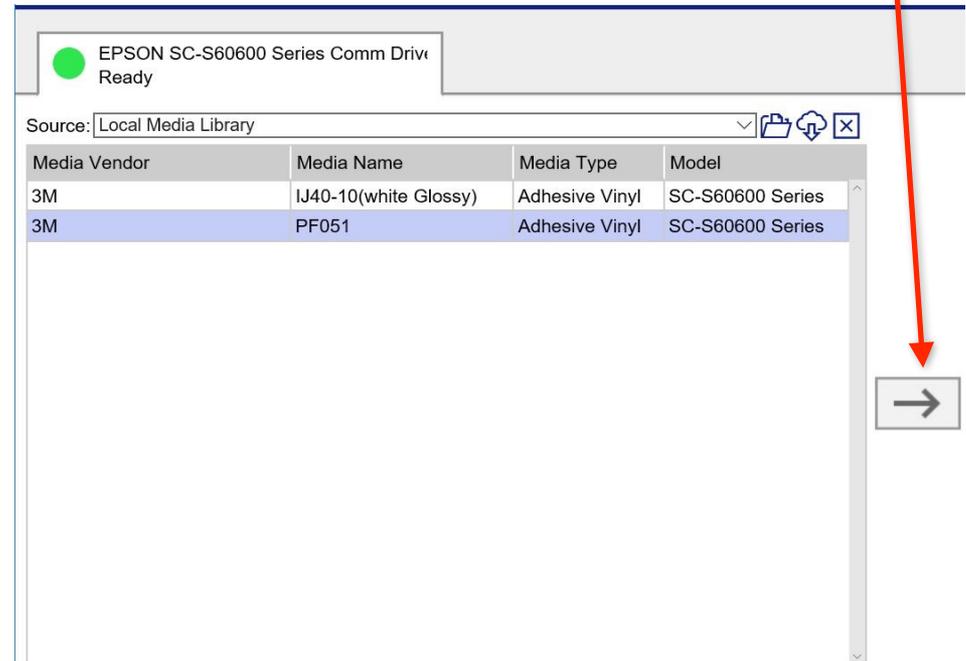
Media Vendor	Media Name	Media Type	Model	Last Update	Status	
3M	IJ5346F	Adhesive Vinyl	SC-S60600 Series	06/07/2016	Not Acquired	
3M	PF000	Adhesive Vinyl	SC-S60600 Series	06/07/2016	Not Acquired	
3M	PF050	Adhesive Vinyl	SC-S60600 Series	06/07/2016	Not Acquired	
3M	PF051	Adhesive Vinyl	SC-S60600 Series	06/07/2016	Acquisition Complete	
3M	IJ1220G-10G(JJ printing film)	Adhesive Vinyl	SC-S60600 Series	06/07/2016	Not Acquired	
3M	SV480Cv3 Premium Envision Wrap Film Non-PVC	Adhesive Vinyl	SC-S60600 Series	28/12/2015	Not Acquired	
3M	PF052	Adhesive Vinyl	SC-S60600 Series	28/12/2015	Not Acquired	
3M	PF001C	Adhesive Vinyl	SC-S60600 Series	28/12/2015	Not Acquired	
3M	IJ5331Cv3	Adhesive Vinyl	SC-S60600 Series	28/12/2015	Not Acquired	
3M	IJ5341	Adhesive Vinyl	SC-S60600 Series	28/12/2015	Not Acquired	

1 2 3

Download Close

# EMX for Ergosoft

- Once the media is downloaded select it then press the Arrow to the Right
- This will send the EMX to the ECD



# EMX for Ergosoft

- Select an available slot to import the EMX too
- Once the EMX file is at the Target printer dialog there is a Red icon next to the name
- The EMX printer settings can be edited at this point if required
- Select Apply to commit the EMX to the printer

Target: EPSON SC-S60600 Series Comm Driver (Copy 1)

#	Media Name	Media Type	Edit	Current
1	MPI3000	Adhesive Vinyl		
2	IJ40-10	Adhesive Vinyl		
3	IJ5341	Adhesive Vinyl		
4	67778	Adhesive Vinyl		
5	IJ37-10	Adhesive Vinyl		
6	POz	Adhesive Vinyl		
7	EPSON TEST	Paper/Others		
8	3M IJ40 TRAINING	Adhesive Vinyl		
9	GS_Backlight-BL	Film		
10	ECLIPSE D20	Adhesive Vinyl		
11	PF051	Adhesive Vinyl		
12	IJ40-10	Adhesive Vinyl		
13		Adhesive Vinyl		
14		Adhesive Vinyl		
15		Adhesive Vinyl		
16		Adhesive Vinyl		

Last Update 12/08/2016 11:22:45

Parameters  

10	ECLIPSE D20	Adhesive Vinyl		
11	PF051	Adhesive Vinyl		
12	IJ40-10	Adhesive Vinyl		
13		Adhesive Vinyl		
14		Adhesive Vinyl		
15		Adhesive Vinyl		
16		Adhesive Vinyl		

Last Update 12/08/2016 11:22:45

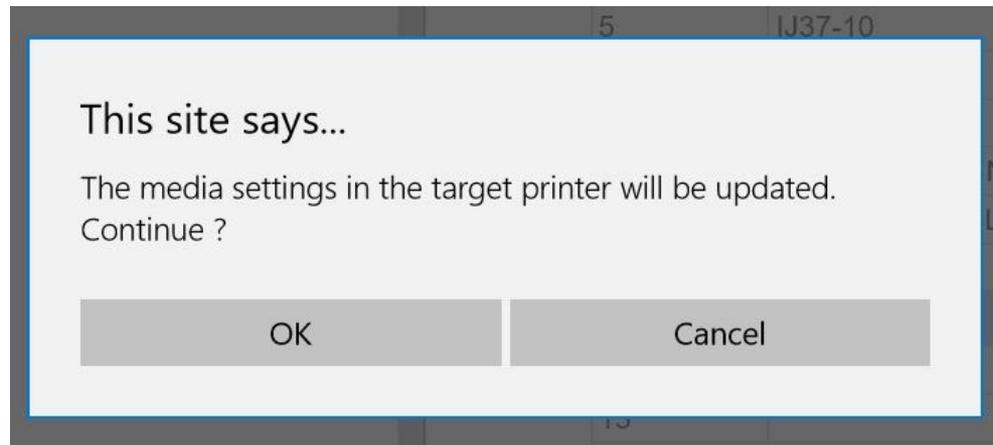
Parameters  

**Media Name** PF051  
**Memo** PF051  
Media Type Adhesive Vinyl  
Platen Gap 1.6  
Pre-Heater 40(C) (104(F))  
Platen-Heater 40(C) (104(F))  
After-Heater 50(C) (122(F))  
Drying Time Per Pass 0sec  
After Heater Feed Off  
Additional Dryer On

Apply

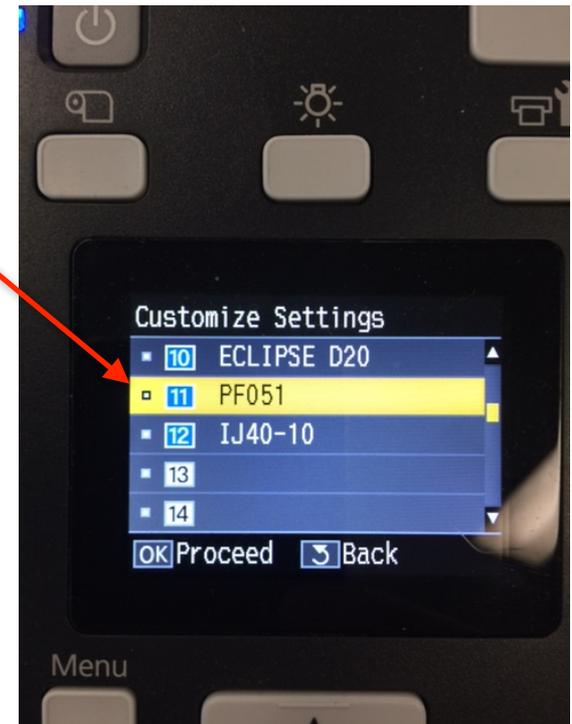
# EMX for Ergosoft

- The Media settings are now in the printers Control Panel and can be access as required



# EMX for Ergosoft

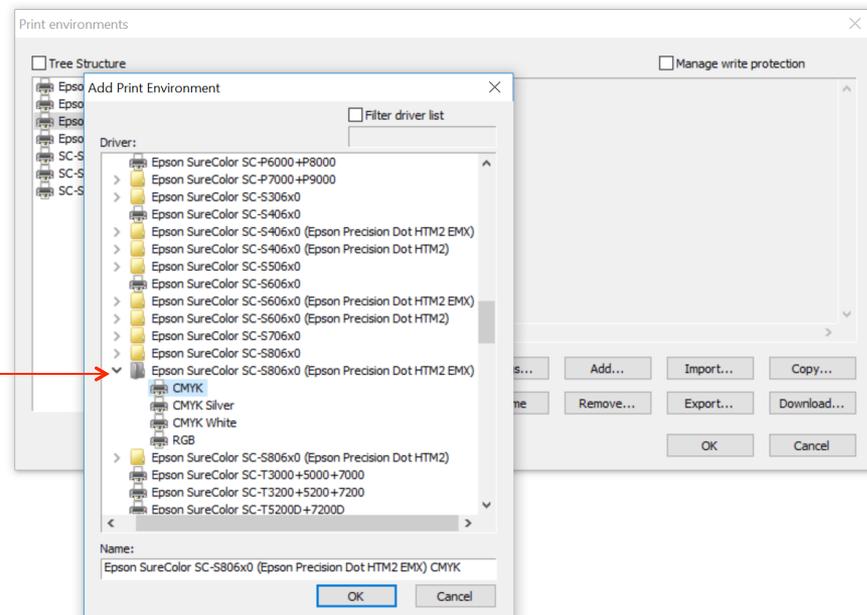
- Newly Media Added



# EMX for ErgoSoft

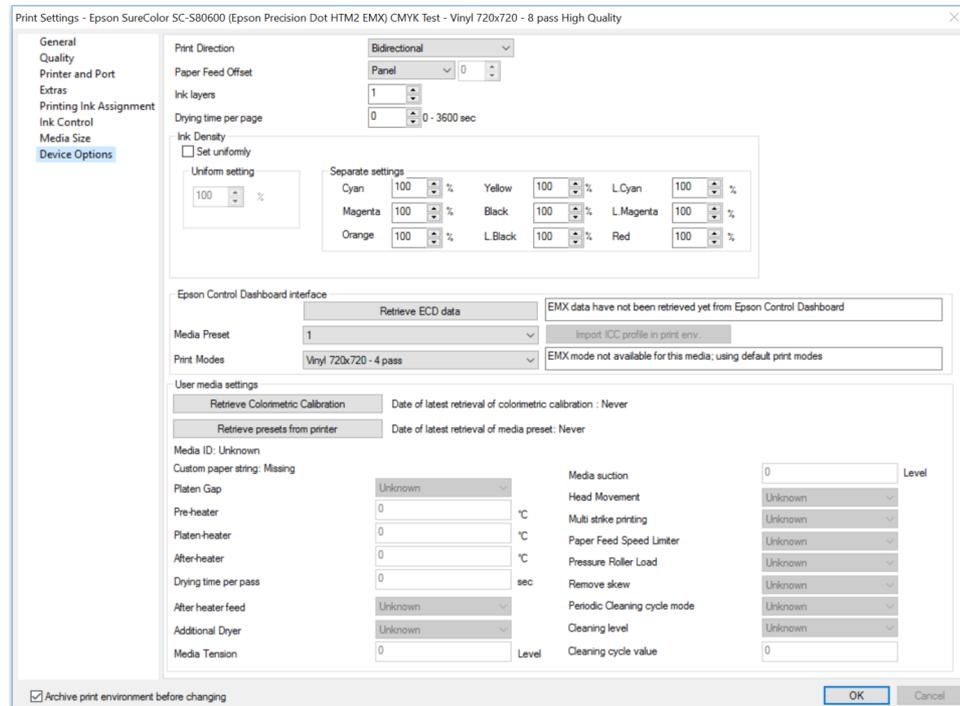
- To access the EMX correctly only the EMX driver can be used from the ErgoSoft RIP

HTM2 EMX



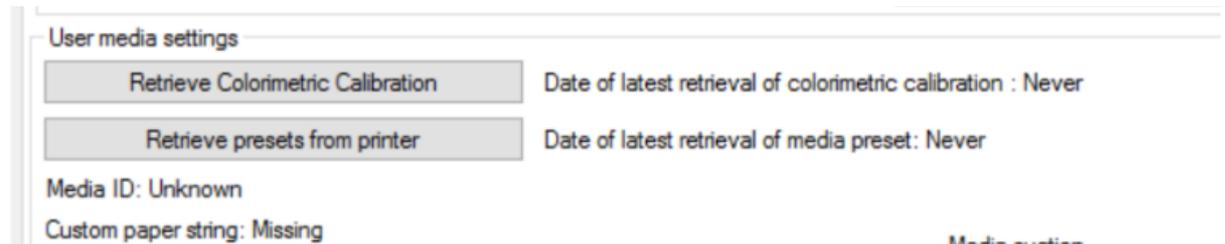
# EMX for ErgoSoft

- In the Print Settings go to the Device Options menu
- ECD must be running all the time



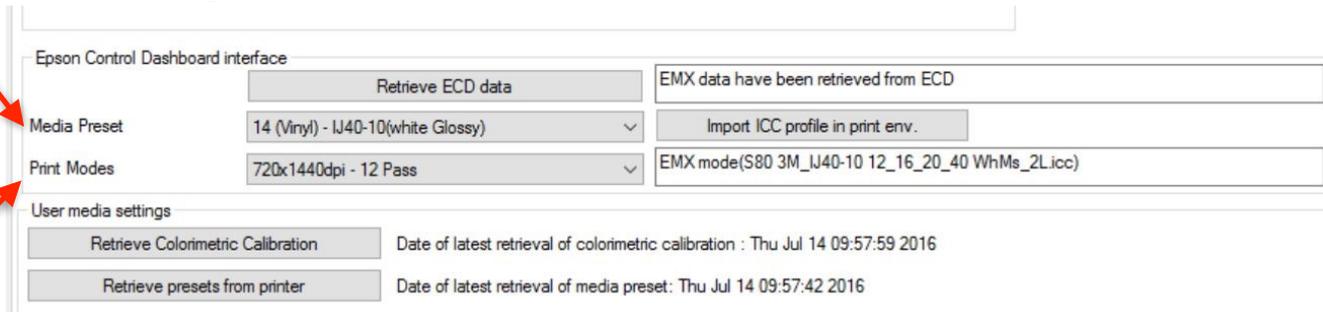
# EMX for ErgoSoft

- Select the ‘Retrieve presets from printer’ option
- This will set the correct settings for the media type



# EMX for ErgoSoft

- Select the correct Media Preset that matches the loaded media on the printers control panel



The screenshot shows the Epson Control Dashboard interface with the following elements:

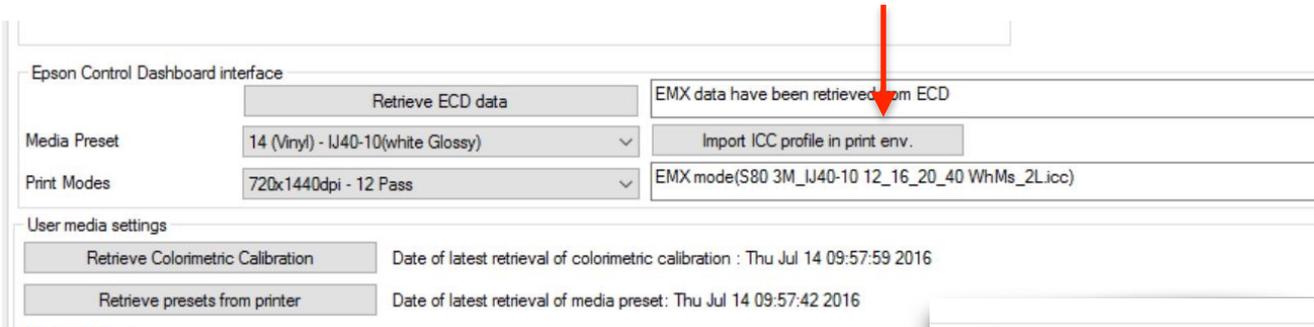
- Epson Control Dashboard interface**
  - Retrieve ECD data button | EMX data have been retrieved from ECD
  - Media Preset dropdown: 14 (Vinyl) - IJ40-10(white Glossy) | Import ICC profile in print env. button
  - Print Modes dropdown: 720x1440dpi - 12 Pass | EMX mode(S80 3M\_IJ40-10 12\_16\_20\_40 WhMs\_2L.icc)
- User media settings**
  - Retrieve Colorimetric Calibration button | Date of latest retrieval of colorimetric calibration : Thu Jul 14 09:57:59 2016
  - Retrieve presets from printer button | Date of latest retrieval of media preset: Thu Jul 14 09:57:42 2016

Two red arrows point to the Media Preset and Print Modes dropdown menus.

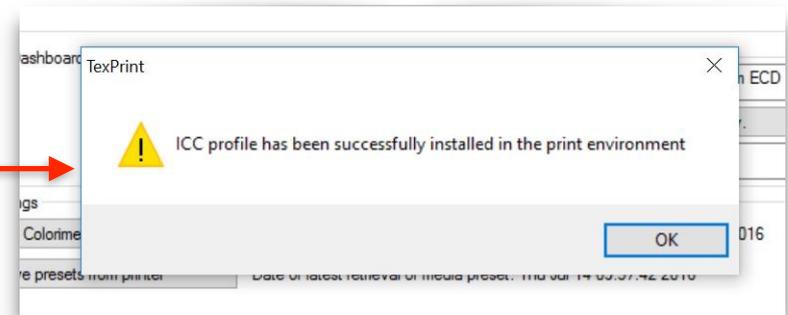
- Select the required Print Mode

# EMX for ErgoSoft

- Once the Media Preset and Print Modes have been selected use the Import ICC profile option
- This will import the ICC to the Print Environment

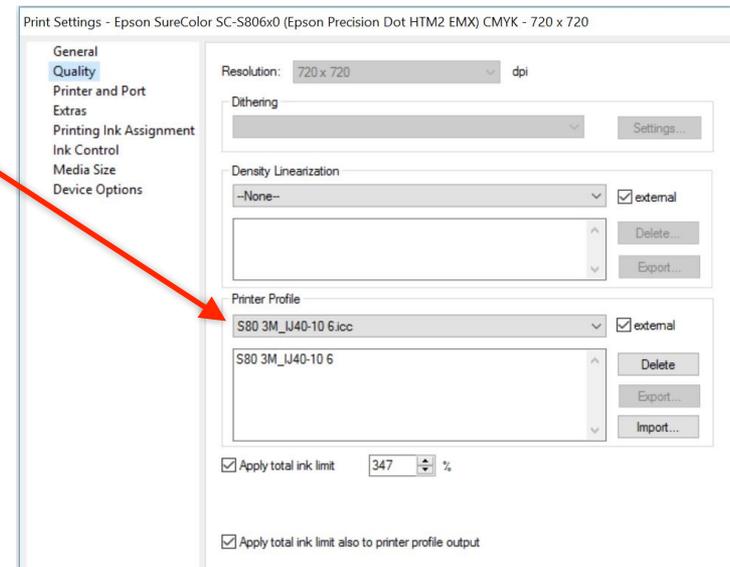


A confirmation dialog will appear. Press OK



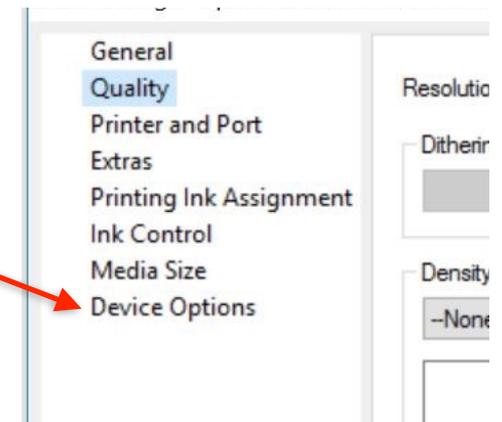
# EMX for ErgoSoft

- Select the Quality setting in the Print Environment
- The ICC profile will be displayed



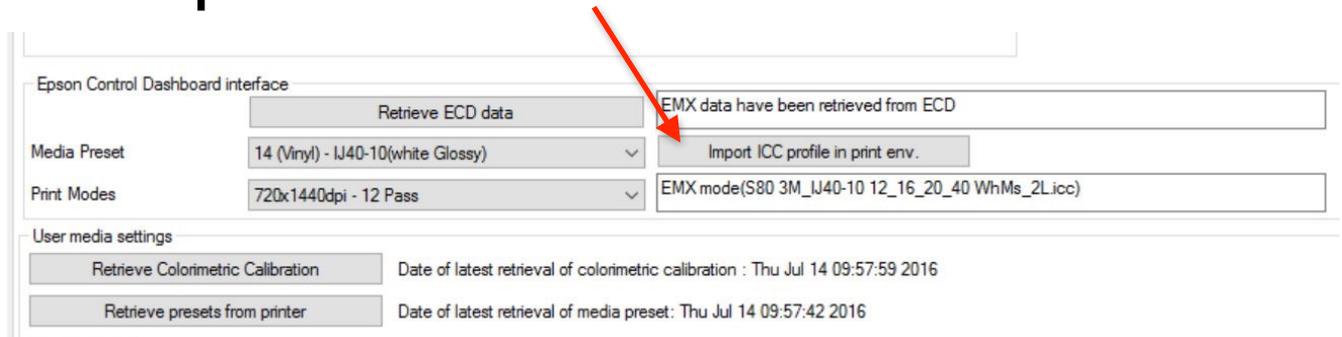
# EMX for ErgoSoft

- The Print Environment is now been set for printing to the required media
- If a different printing resolution is required, change the res in the Print Environment Device Options not the Quality Dialog



# EMX for ErgoSoft

- If the Resolution is changed, Import the ICC profile for the required resolution
- Apply the new ICC for the newly selected resolution
- This will now update the Print Environment



The screenshot displays the Epson Control Dashboard interface. A red arrow points to the 'Import ICC profile in print env.' button. The interface includes the following elements:

- Epson Control Dashboard interface**
  - Retrieve ECD data button
  - Media Preset: 14 (Vinyl) - IJ40-10(white Glossy)
  - Print Modes: 720x1440dpi - 12 Pass
- User media settings**
  - Retrieve Colorimetric Calibration button
  - Retrieve presets from printer button

Additional information displayed includes: 'EMX data have been retrieved from ECD', 'EMX mode(S80 3M\_IJ40-10 12\_16\_20\_40 WhMs\_2L.icc)', and dates for the latest retrieval of colorimetric calibration and media preset.

# Thank You

If you have any question please  
contact your Pro Graphics Dealer