ColorCert MIS Database Connectivity

Version History

August 7th 2015 - Version 1.0

Scope

This document describes the initial setup and usage of the MIS Database Connectivity. The detailed Database field specification is captured in a separate document. The General Job Setup Wizard Workflow is captured in a separate document.

Solution Summary



Requirements

- ColorCert Pressroom Client 2.6 (not available with Pressroom Essentials Client)
- Predefined ColorCert assets made with ColorCert Manager
- MIS database with necessary Job information
- Useful Samples and Information from http://www.xrite.com/colorcert/Library:
 - Color Basics for Pressroom (Rev. B)
 - ColorCert ColorBasics Sample Data
 - ColorCert X-Rite Edition Startup & Configuration Guide
 - ColorCert Job Setup Wizard
 - ODBC Meta Data Key Value Definition.xlsx (Describes the Interface for the MIS to ColorCert connectivity)

Initial Setup

This needs to be done in any ColorCert Desktop Solution that uses this Feature.

1. Start ColorCert and open Preferences and select the Job Setup Wizard tab

	_	_	_	_	_	_	_	_	
Program	Files	Application	Devices	Labelprinter	Network	Misc	Add-Ons	Versions	Job Setup Wizard
Wizard Scre	ens Shown	tabase Browser eplacement			Connect				
a. Seleo	Select C Ct MIS da	Quality Level	owser c	heck box t	o enable	the Con ı	1ect but	ton	Default
b. Click In the Or	Connec der Data	t to open (base wind	Drder D a low	i tabase wi	ndow				
00									
[Order	Database]								
ODBO	C Source:	Driver={File	Maker ODE	8C};Server=12	27.0.0.1;PR1		eadmin;Dat	abase=ADB(
N XI	rite			Load		Close		Connect	

- a. Enter **ODBC Source** string as provided by your database owner e.g. "Driver={ODBC};Server=127.0.0.1;PRT=2399;UID=admin;DB=ADBC"
- b. Click Connect to open DB Field Mapping window
- 3. In DB Field Mapping window

[DB Field Mapping]					
Table: Assets	3		\$		
ColorCert Field	Database Field	Data	base Field	Туре	
Name:	Name	Jobn	ame	text	
Job No:	Job No	Jobn	umber	text	
Customer:	Customer	Custo	omer	text	
Business Unit:		POnu	ımber	text	
Brand:		Artwo	ork Target	text	
Variety:		Varie	ty	text	
LIPC / Spec No:		LIPC		text	

- a. Select database table from Table drop down e.g. Assets
- b. Drag fields from right column (MIS database) to corresponding items in the left column (ColorCert Job)
- c. Save settings in cc_templates folder NOTE: File name must be DBLink.txt

Loading/creating a Job from MIS database

This can be done with the ColorCert Manager and ColorCert Pressroom Client.

1. In the ColorCert Chooser select Pressroom Tools and then select Job Setup Wizard



2. Job Setup Wizard database browser opens

Job Setup Wizard]	_	_	_	_	_	_	_	_	
Select Job from MIS Database									
Enter your Search Strings									
	Search:		Search						
Job Picker	-								
Name	Job No	Customer	Business Unit	Brand	Variety	UPC	Prod Order Number	Artwork Tar	
Job Record 4	12321	The Customer	Vending	A Brand	The Flavour	321654	VF5466	Digi Chroma	
Job Record 2	12321	The Customer	Vending	A Brand	The Flavour	321654	VE5466	Diai Chromi	

a. Enter name or number of the job or select from the list. NOTE: wildcard search possible.

b. Click **Select** to load the content of the database record to create the **ColorCert** job If allowed in the ColorCert Preferences Job Setup Wizard Tab you can now amend the Substrate, Primaries, Inks and Quality Level as per the usual Job Setup Wizard Workflow.

3. Finally you will be asked to save the job. The Default name for the job will be according to the naming convention of the Rules. Click **Save**.

The **ColorCert** job opens with all delivered content from the MIS Database and is ready to use. Start Measuring as usual.

• •			Job_Rec	ord_4	l.ccj		
Details Pres	s Setup	E E a Color Summary	Scorecard Inkroom	🌶 n Tools	Application		
lob Details]							
Design		Color Separate	pr		Printer		
Name:	Job Record 4	• Name	: Miller inc	•	Name:	GoodPrint Inc	
Job No:	12321	* Contact	: Mr Miller		Contact:	Mr Good Print Jr	
Customer:	The Customer						
Business Unit:	Vending	Phone	+1 231546545		Phone:	+1 4568 7866	
Brand:	A Brand	Fax	+1 654 554654		Fax:	+ 146545 6	
Variety:	The Flavour	Email Address	emsil@miller.ff		Email Address:	theemail@goodprint.ff	
JPC / Spec No:	321654	Street	The Road 123		Street:	The Street	
Prod Order No:	VF5466	ZIP	44444		ZIP:	84654	
Artwork Target:	Digi Chromalin	City	The Town		City:	PrintCity	
Orientation:	Reverse	State	The State		State:	HisState	
		Country	The Country		Country:	HisCountry	
Screen Count:	150 lpi						
creening Type:	ellyptical	Supplier Code	: Sep2215		Supplier Code:	Pri8879	
Lat Cines	10						
Lot Size:							
Supply As:	🗌 Roll 🔹 Pallet 💽 Samp	ble					
		Reporting			Files		
Job Preview:		Destination (Jab Dasard 4	
Load File		Destination	•	<u> </u>	Naming:	000_N00010_4	•••
Remove		Production Da	to				
		Proof		•	Press Run:		•••

Possible Types & Resources

Here an overview of the possible Types and Resources that you can pull from an MIS Database to create a job in ColorCert. Details can be found in **ODBC Meta Data Key Value Definition.xlsx**.

File Types

- ColorCert® Assets (Job, Applications, Profiles, Rules, Mediastrips, Inks, Spot Colors, Substrates, Printing Conditions)
- ICC Profiles, IT8/CGATS,
- CxF, MIF

Files Resources

- Local filesystem
- ColorCert® Repository Server
- PantoneLIVE©
- Direct color values (Spectral, Lab, Tints)

Minimum asset requirements to create a template

Complete Job as Template

The MIS Database carries a link to the prepared job as a template.

Parts of the job (fields as well as assets) can be amended by any additional information provided through the interface as well. For example a complete Job plus a new Job Name and No and new Spot Colors or any other parts that differ from the original Job template.

Complete Job as Template

Complete Job plus any additional amendment



Application and Job Details

The MIS Database carries a link to the ColorCert Application and at least the Job Name and Job No.

Parts of the job (fields as well as assets) can be amended by any additional information provided through the interface as well.



Rules, Profiles and Job Details

The MIS Database carries a link to a ColorCert Profile, IT8 or ICC Profile, and ColorCert Rules, also at least the information about the Job Name and Job No. If there is a custom Mediastrip involved it can also carry a link to the Mediastrip layout.

Parts of these assets and fields can be overwritten by additional information provided through the interface as well.



Rules, Profiles and Job Details as template



NOTE: With the usage of ICC or IT8 Profiles you cannot define multiple printing conditions.



ICC/IT8 Profiles, Rules plus any amendment



Standards, Rules and Job Details

The MIS Database carries a link or the color values of individual color standards like Substrates, Primaries or Spot Colors and Rules, also at least the information about the Job Name and Job No.

NOTE: that with the usage of individual standards you cannot define multiple printing conditions.

If there is a custom Mediastrip involved it can also carry a link to the Mediastrip layout.

Parts of these assets and fields can be overwritten by additional information provided through the interface as well.



Standards, Rules and Job Details

Standards, Rules plus any amendment