

ColorCert MIS Database Connectivity

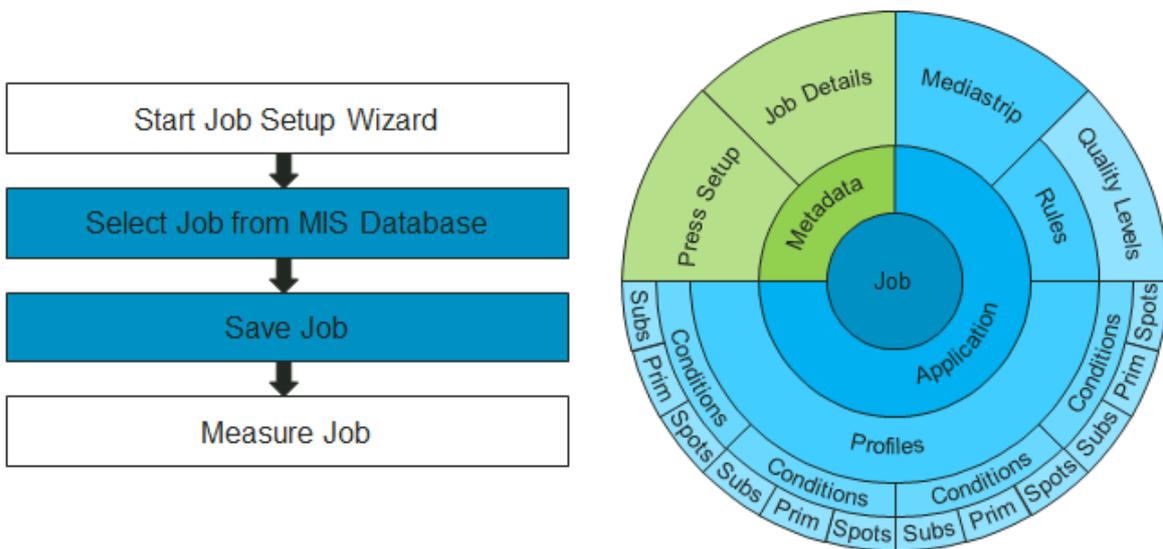
Version History

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.

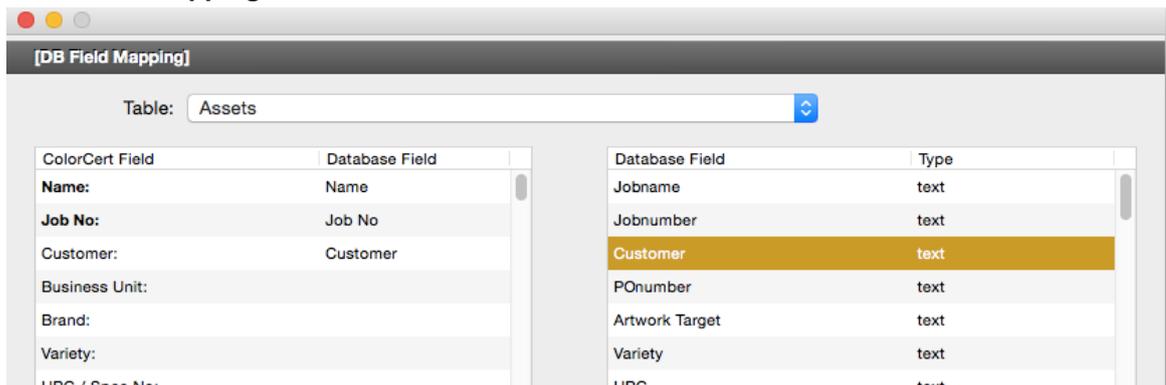
1. Start **ColorCert** and open **Preferences** and select the **Job Setup Wizard** tab



- a. Select **MIS database browser** check box to enable the **Connect** button
 - b. Click **Connect** to open **Order Database** window
2. In the **Order Database** window



- 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

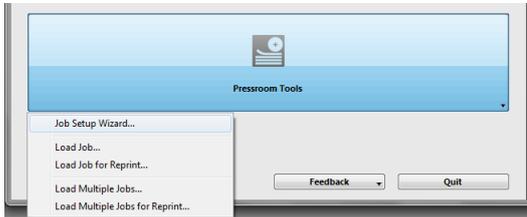


- a. Select database table from **Table** drop down e.g. Assets
- b. Drag fields from right column (MIS database) to corresponding items in the left column (ColorCert Job)
- c. Save settings in **cc_templates** folder NOTE: File name must be **DBLink.txt**

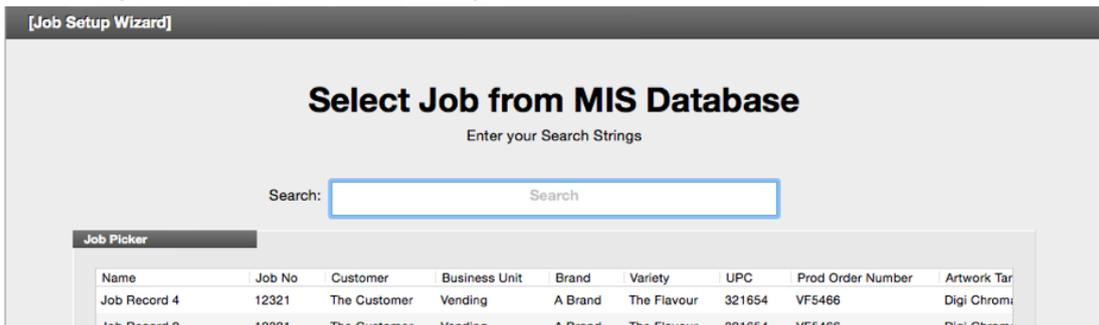
Loading/creating a Job from MIS database

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**

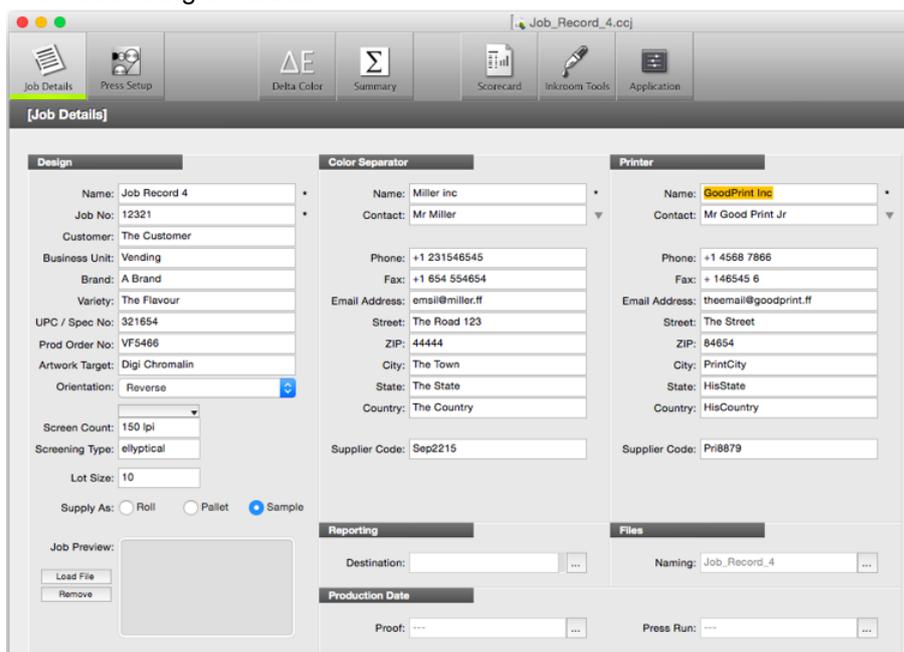


2. **Job Setup Wizard** database browser opens



- 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.



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)

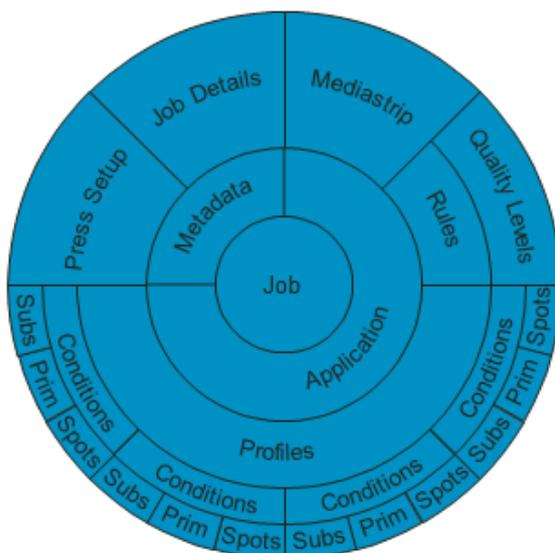
Minimum asset requirements to create a template

Complete Job as Template

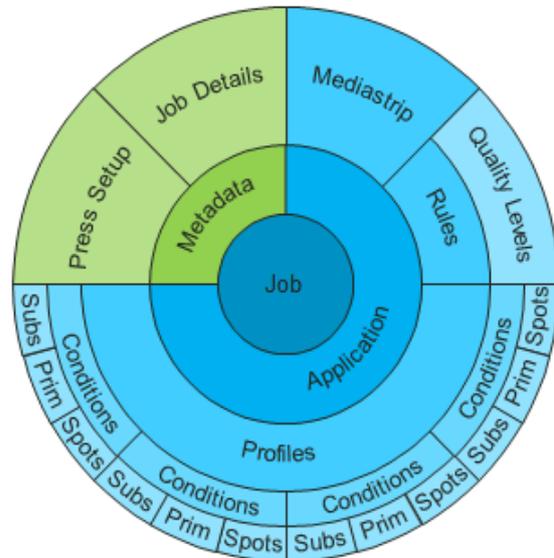
The MIS Database carries a link to the prepared job as a template.

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



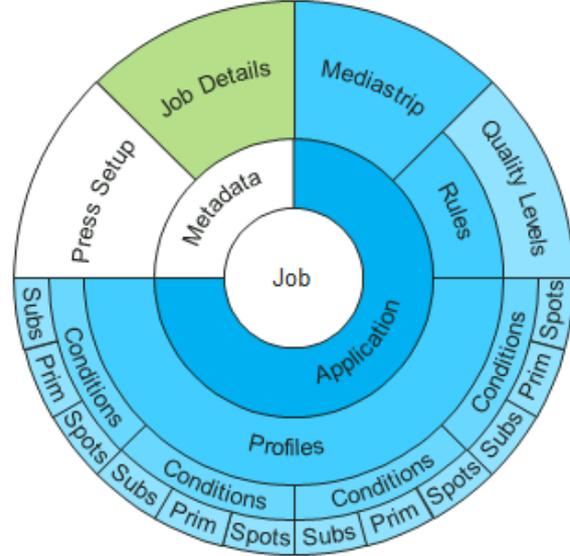
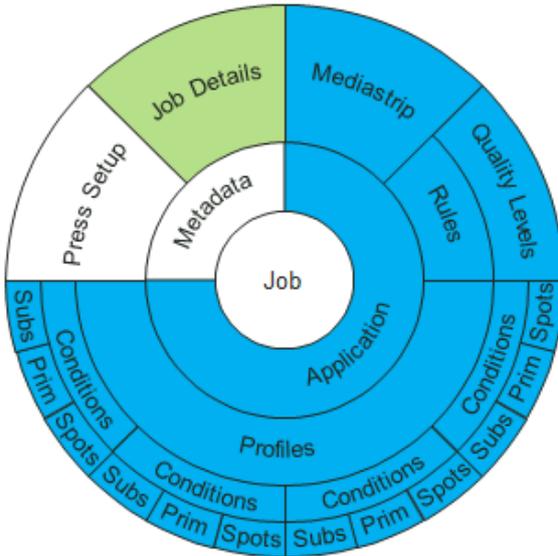
Application and Job Details

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.

Application and Job Details as template

Application plus any additional amendment



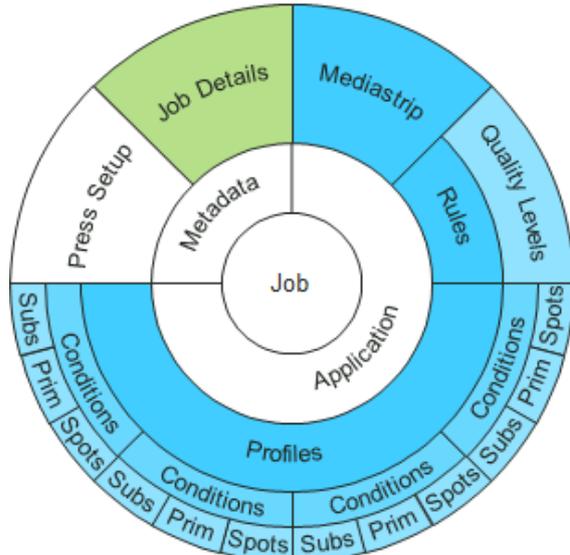
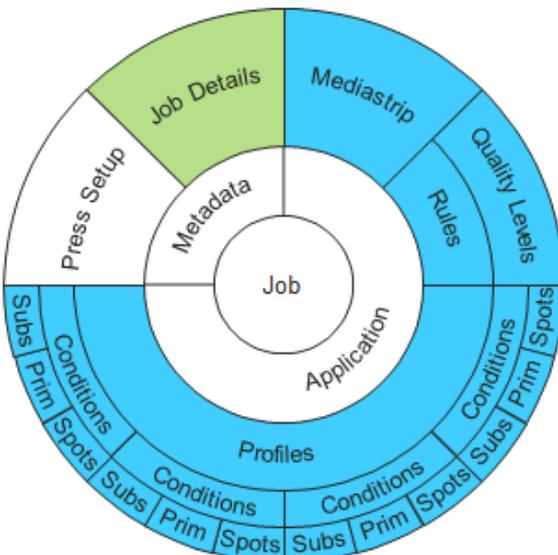
Rules, Profiles and Job Details

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

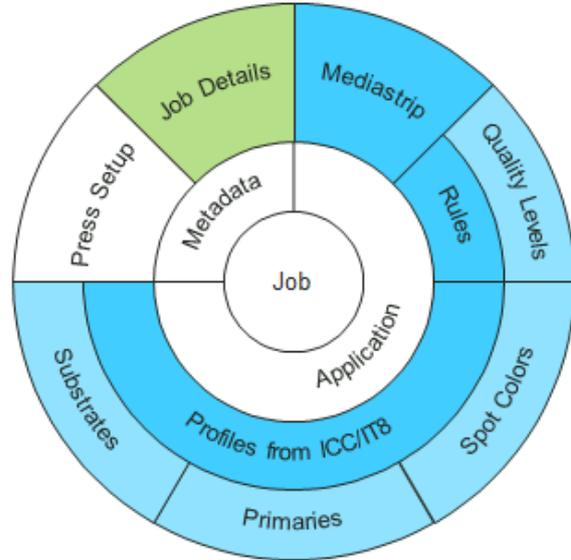
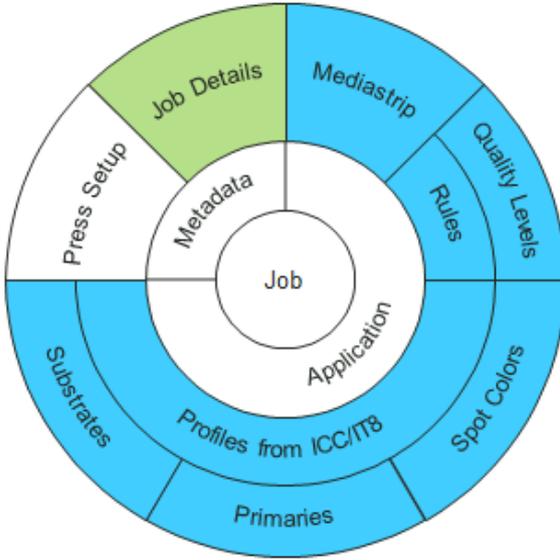
Rules, Profiles plus any additional amendment



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

ICC/IT8 Profiles, Rules and Job Details

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

