

## Aspen CMYKS option Quick Start

Version 1.2 NPD 22nd September 2015

### Preparation

If the PC where this product is being installed already has Aspen installed on it, this will need to be uninstalled first. If this is the case, the Aspen CMYKS installer will prompt for uninstallation; you will not need to uninstall it by hand.

Either for LDK security:

You will need an LDK Product Key to enable Navigator with the "Aspen CMYKS" option.

You will need a Xitron Navigator RIP Manager dongle with the "CMYKS" feature enabled, or a Dongle Upgrade code to update an existing Navigator RIP Manager dongle.

Or for HLS security:

You will need a Xitron Navigator RIP dongle and Security Code to enable Navigator with the "Aspen CMYKS" option.

You will need a Xitron Navigator Workflow dongle with the "CMYKS" feature enabled, or a Dongle Upgrade code to update an existing dongle.

### Installation

Run the installer (NavigatorInstaller.exe) and proceed as with an Aspen installation.

### Configuration

In addition to normal Aspen configuration, the following is required:

If you are using LDK security:

During the installation process you will be prompted to enter your Product Key.

Enter your Product Key and continue with the installation.

When the installation is complete, from the Navigator folder for this installation in the Start menu, select "Convert to LDK".

It may be that you are licensing the RIP via LDK but the Aspen RIP plugin using a Xitron security code. If so, please enter the code into the 'keys' file as shown below for HLS.

If you are using HLS security:

Edit the

`<Navigator installation path>\Navigator 10.0r1\SW\ai\keys`

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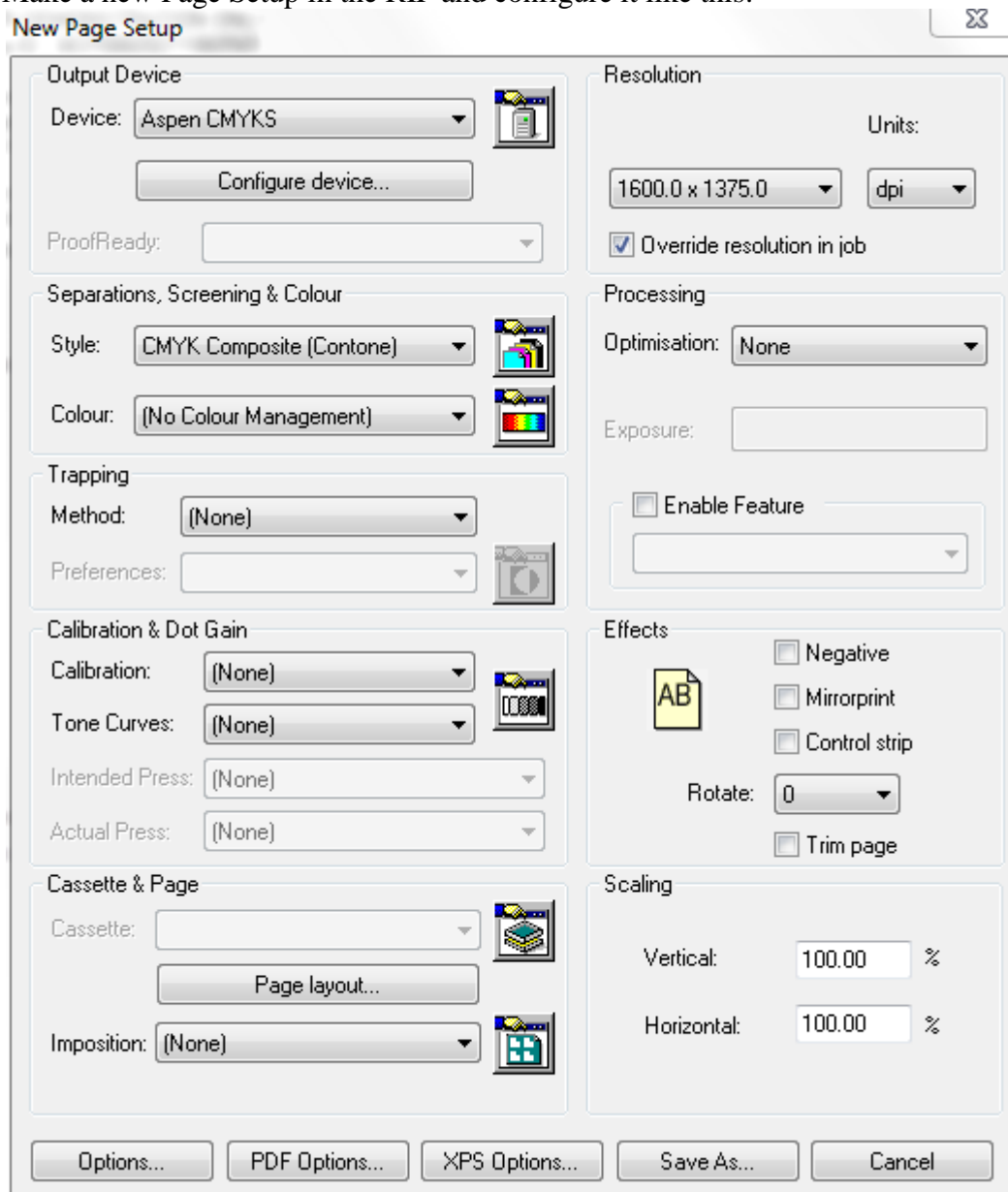
file in a text editor and enter your Xitron security code to enable the CMYKS option in the Aspen plugin at the foot of the file. For example (your number will be different):

```
8n3sm4zxvjncu4bjf4a1 - for CMYKS
```

Start the Server and Client via the Start menu shortcuts. The RIP and Durango Spooler will be started.

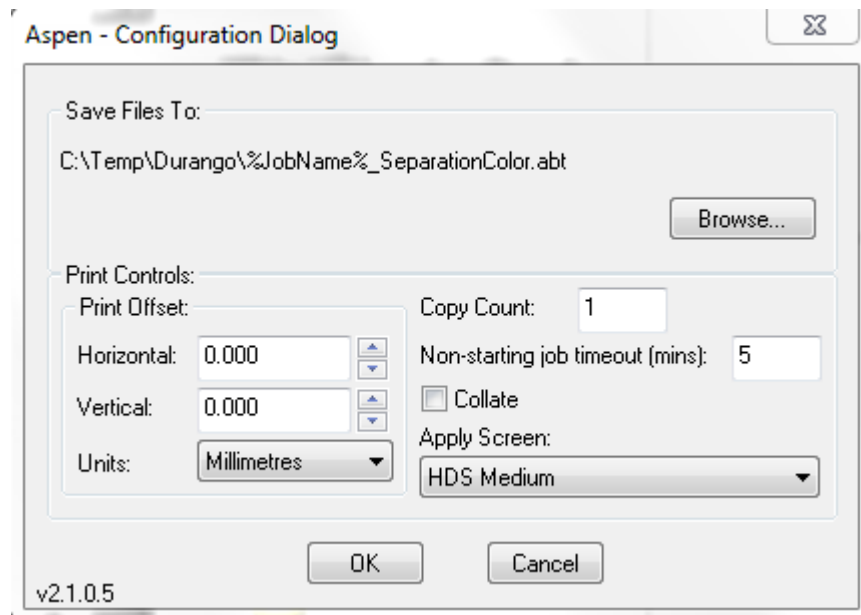
At this point, if you have been supplied with a Dongle Upgrade Code, apply it via the Server's Product Features menu entry, following any instructions you have been supplied. Entering this code requires the Server to be restarted.

Make a new Page Setup in the RIP and configure it like this:



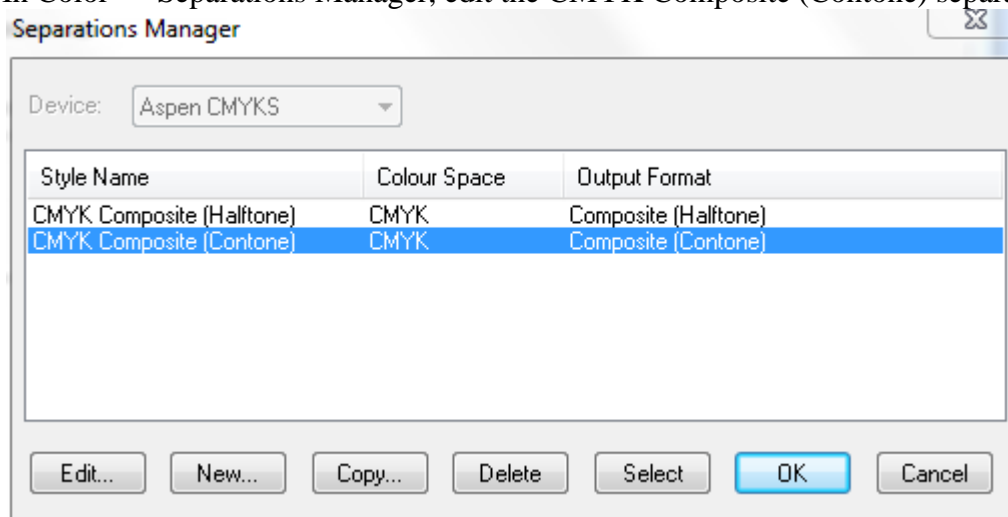
Press "Configure device..." and check that HDS Medium screen is selected:

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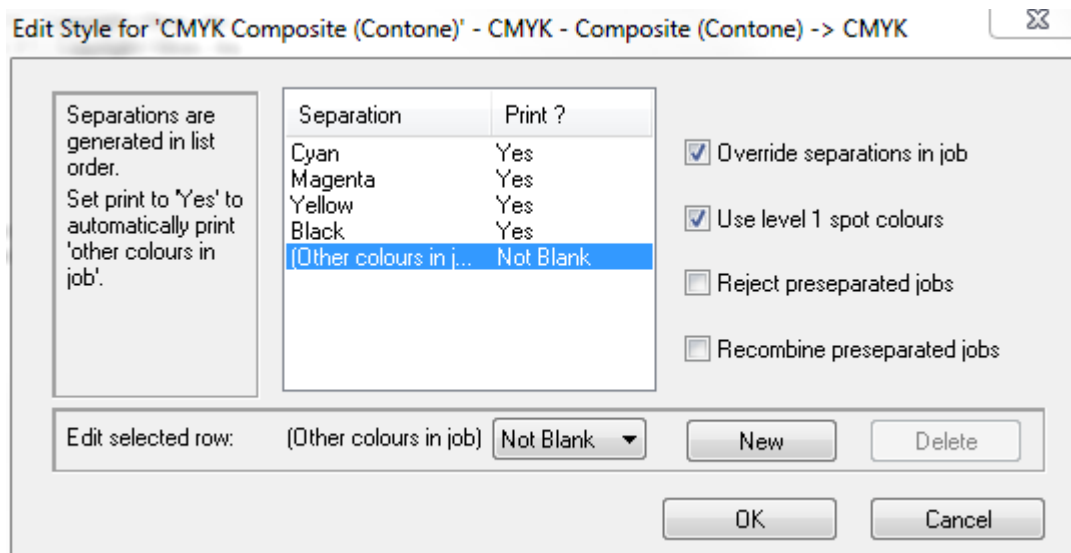
For the Separation style, select CMYK Composite (Contone):

In Color → Separations Manager, edit the CMYK Composite (Contone) separation style:

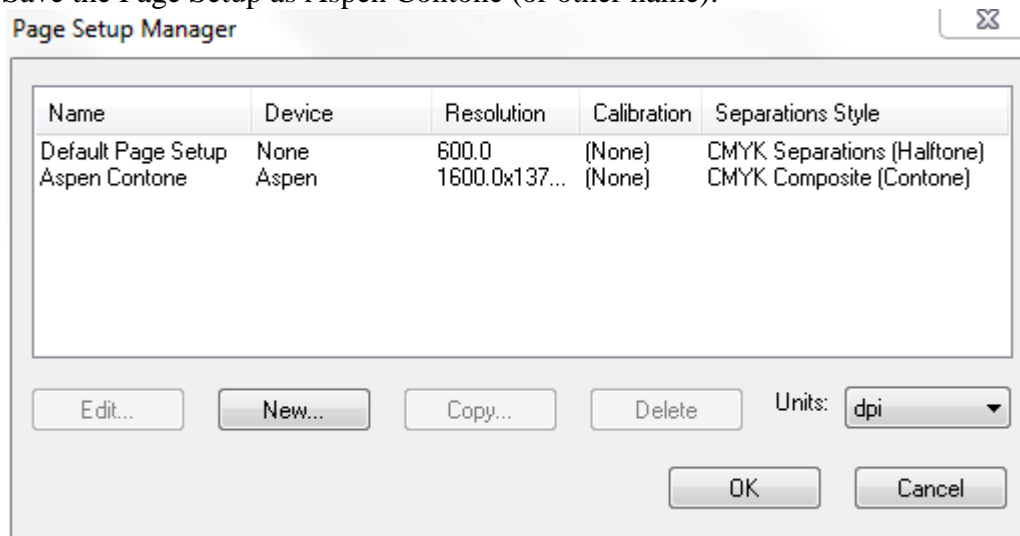


Set the separation style to 'Not blank' for 'Other colors in job':

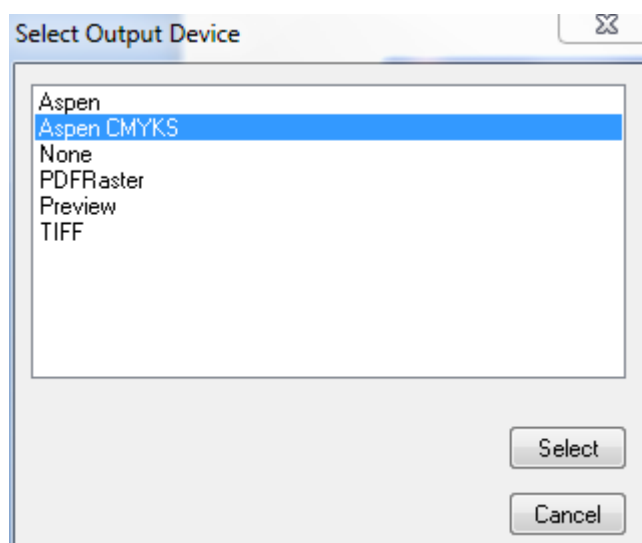
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Save the Page Setup as Aspen Contone (or other name):

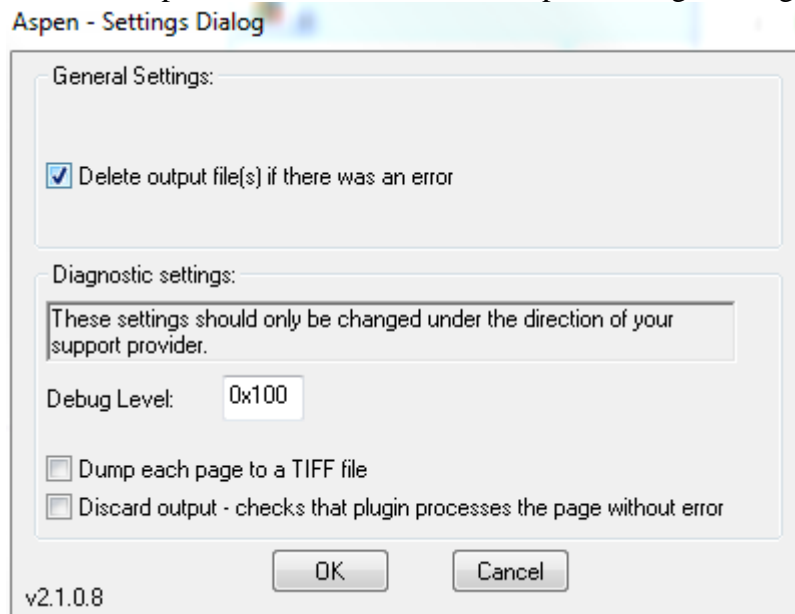


Select device "Aspen CMYKS" from the third menu:

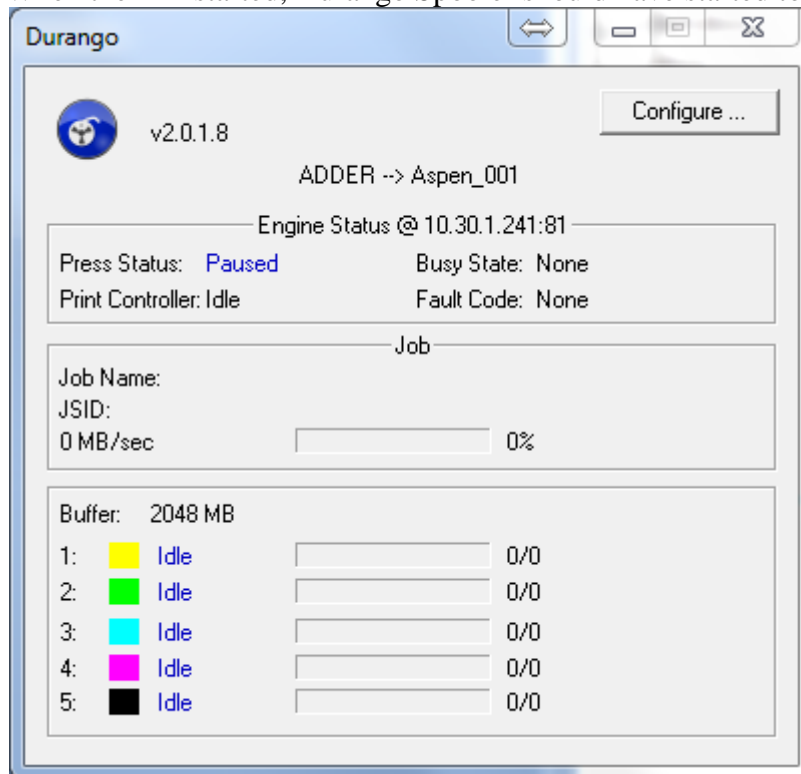


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From the Aspen CMYKS menu, select "Open Settings Dialog" and configure it like this:



When the RIP started, Durango Spooler should have started too:



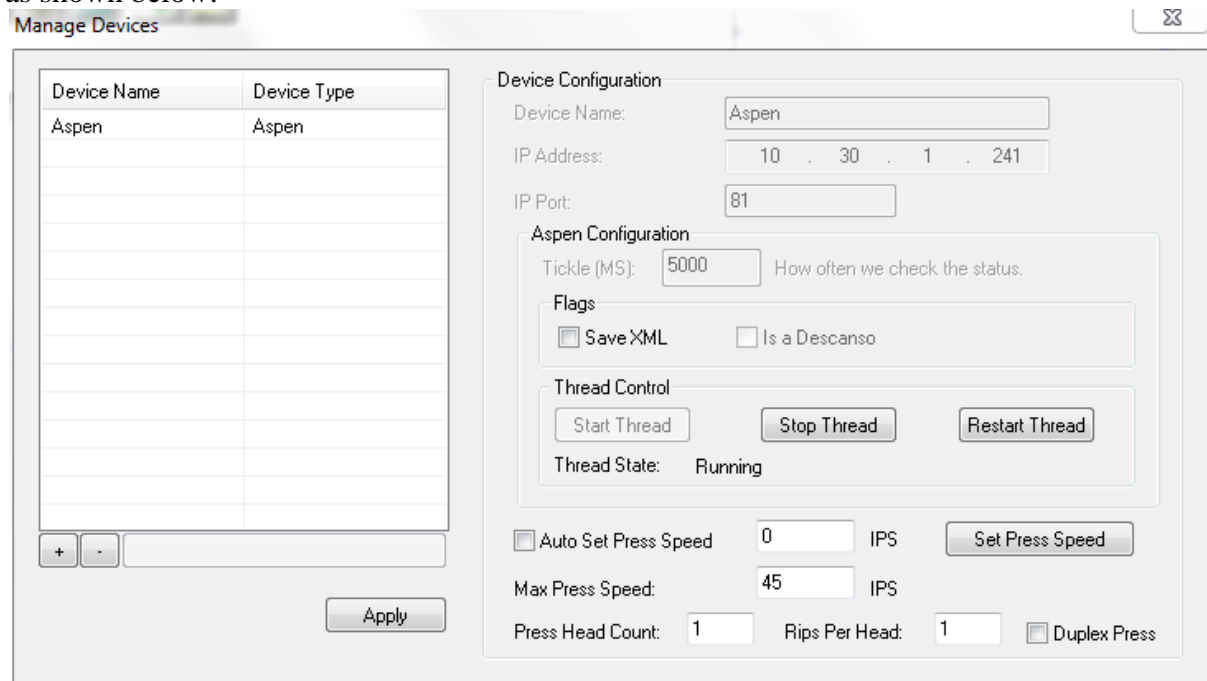
Press "Configure..." and set up for Socket mode, with the IP address and port number of the printer.

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If you change either the IP address or the Port, press Set.

In the Navigator Server, Server Setup → Manage Devices, add an Aspen device for example as shown below:



In Navigator RIP Manager, set up a File Prep workflow as shown below:

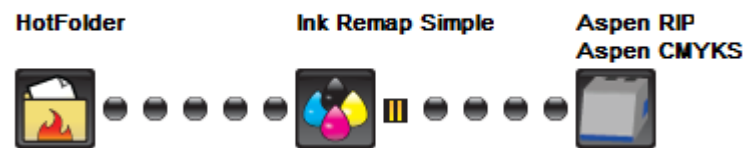
## 1. File Prep



The Copy Action should copy to the Press Output workflow shown below.

Make a Press Output workflow:

## 2. Press Output



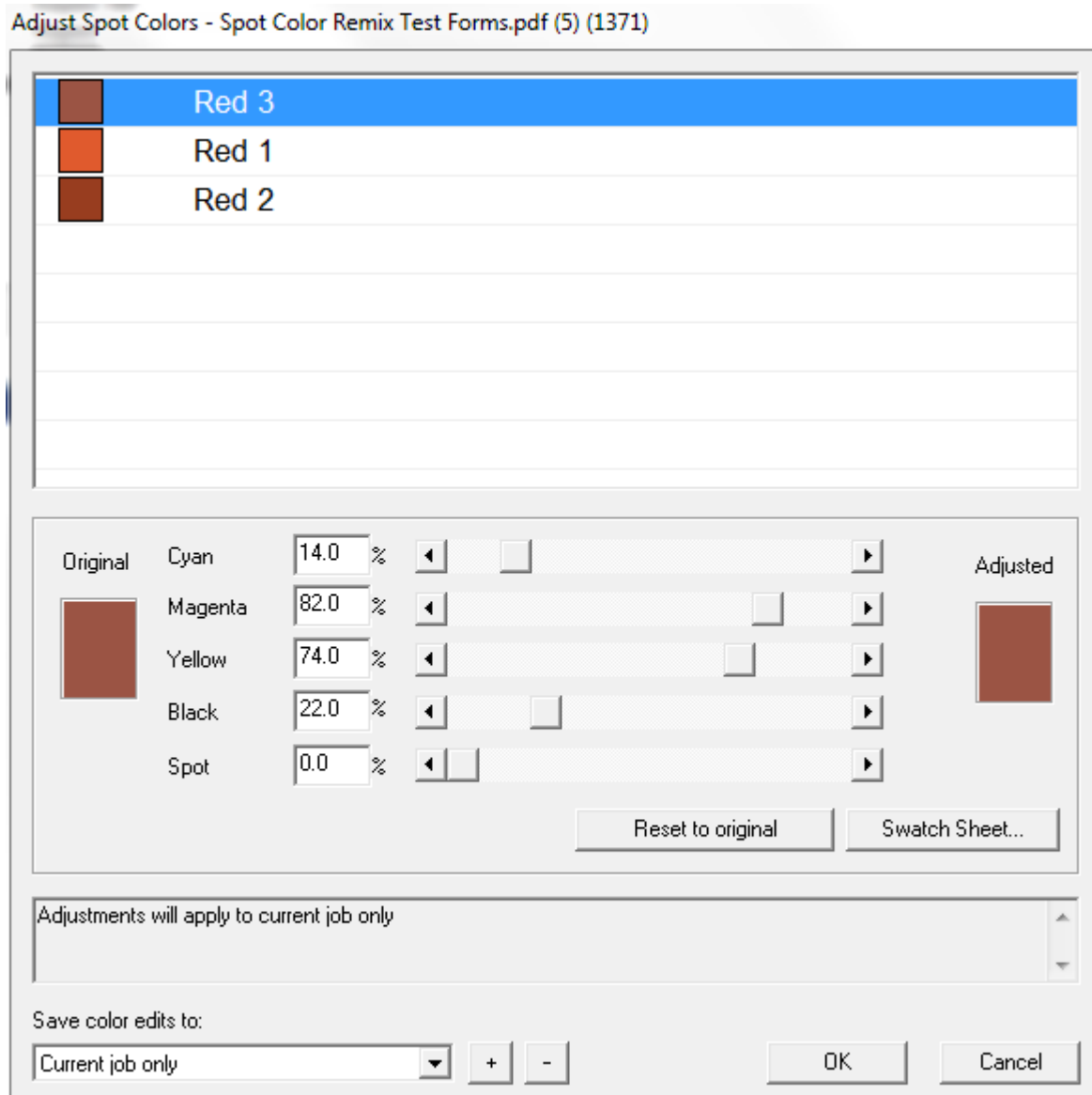
including Ink Remap Simple, set to "Pause After". Following this, a RIP Output Action, configured similarly to Aspen, with your "Aspen Contone" page setup selected for "Configuration".

### Operation

Submit to this workflow a job containing one or more spot colors.

From the job's context menu in the Client, select "Edit spot colors...":

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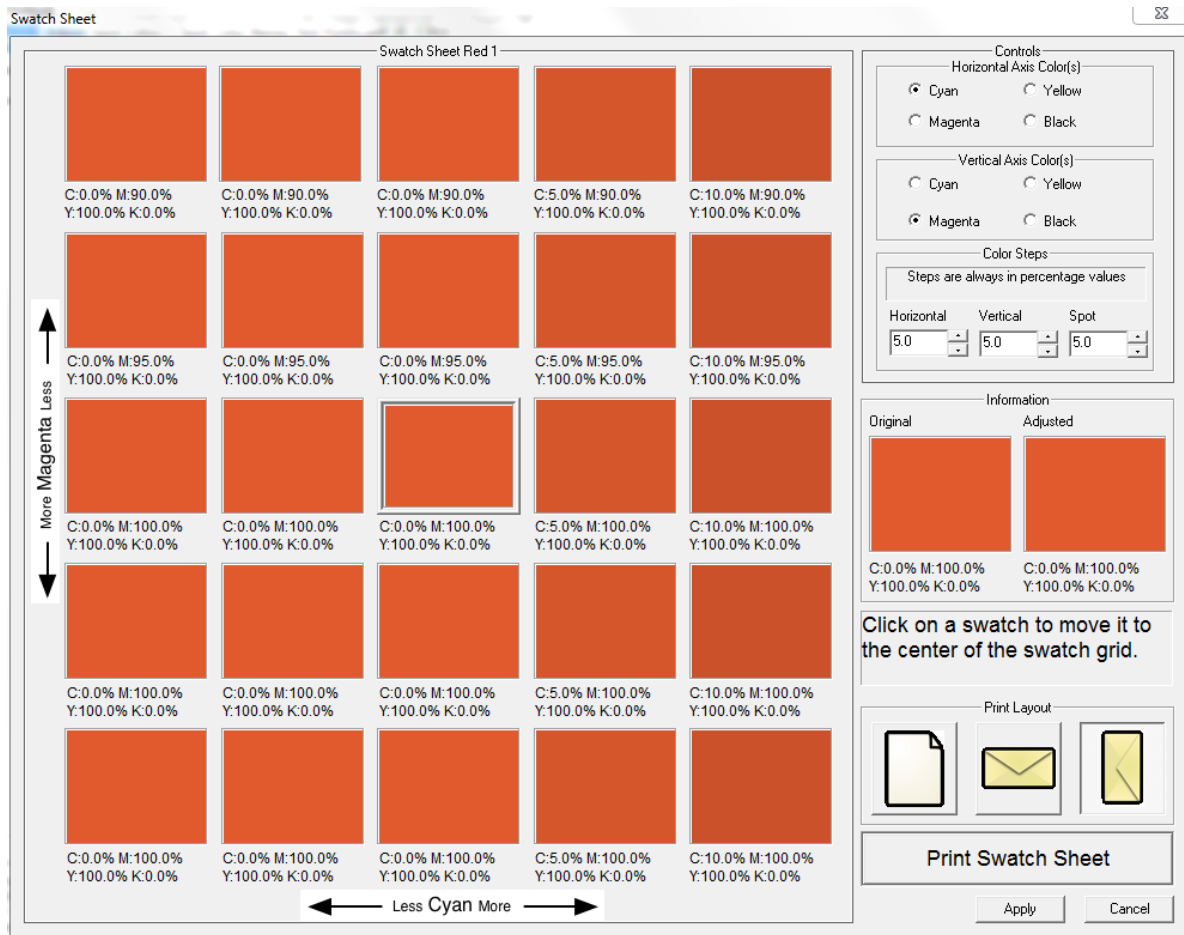
Notice that because CMYKS option is enabled, there is a new "Spot" slider. This may be used to mix in a proportion of spot (fifth blade) ink into this spot color. If the "Spot" slider is left at the "0.0" position, this color will be converted to process colors as is the case for Aspen without the CMYKS feature enabled.

The positions of the CMYK sliders will be pre-set to the CMYK value for the spot in the PDF job.

If (and only if) you set the Spot slider to a non-zero value, the Swatch Sheet dialog will contain a new Color Steps stepper control for Spot:



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You may now use the "Letter" button (but neither of the Envelope buttons), followed by "Print Swatch Sheet". Rather than a single sheet, a stack of up to five sheets will be printed, with the spot density varying through the stack. Regard this as a third dimension.

Choose a particular swatch from a particular sheet. On the Swatch Sheet dialog, select the patch you chose, and "Apply". On the Adjust Spot Colors dialog, move the Spot slider to the position indicated by the particular sheet you selected. As usual, this process may be repeated to refine the color selection. You may reduce the value of the Color Steps to increase the precision of your color choice.

Now 'Release' the job as usual.