**ZePrA 13 Release | July 2025**

**New Features and Improvements in ZePrA 13**

- New *Flows* tool provides new automation options

- New *Auto Setup* mode to set up Flows

- New options for enhanced *Image Quality*
  - New image scaling options that now allow for upscaling or downscaling of the *Image Resolution*
  - New option for changing the *Image Dimension*

- Create Multicolor SaveInk profiles on-the-fly using SmartLink

- New *SmartLink Method* for conversion to Multicolor with preservation of CMYK color spaces

- New option to overwrite existing items when importing configurations

- Define spot color conversion via external files

- *Expert DeviceLink Set* is included in ZePrA 13

- New smaller but great features for more versatility, speed and quality

**New Flows tool with more automation options**

In ZePrA, there are several options to directly automate various tasks. The new *Flows* tool has been developed to further expand ZePrA's automation capabilities. It provides the ability to connect multiple configurations, route files based on conditions and perform simple automation tasks by setting up rules for file processing. Flows help to reduce the number of queues and hot folders. More complex workflows, on the other hand, can be realized with high-end automation workflows such as HYBRID CLOUDFLOW or Enfocus Switch, into which ZePrA can easily be integrated.
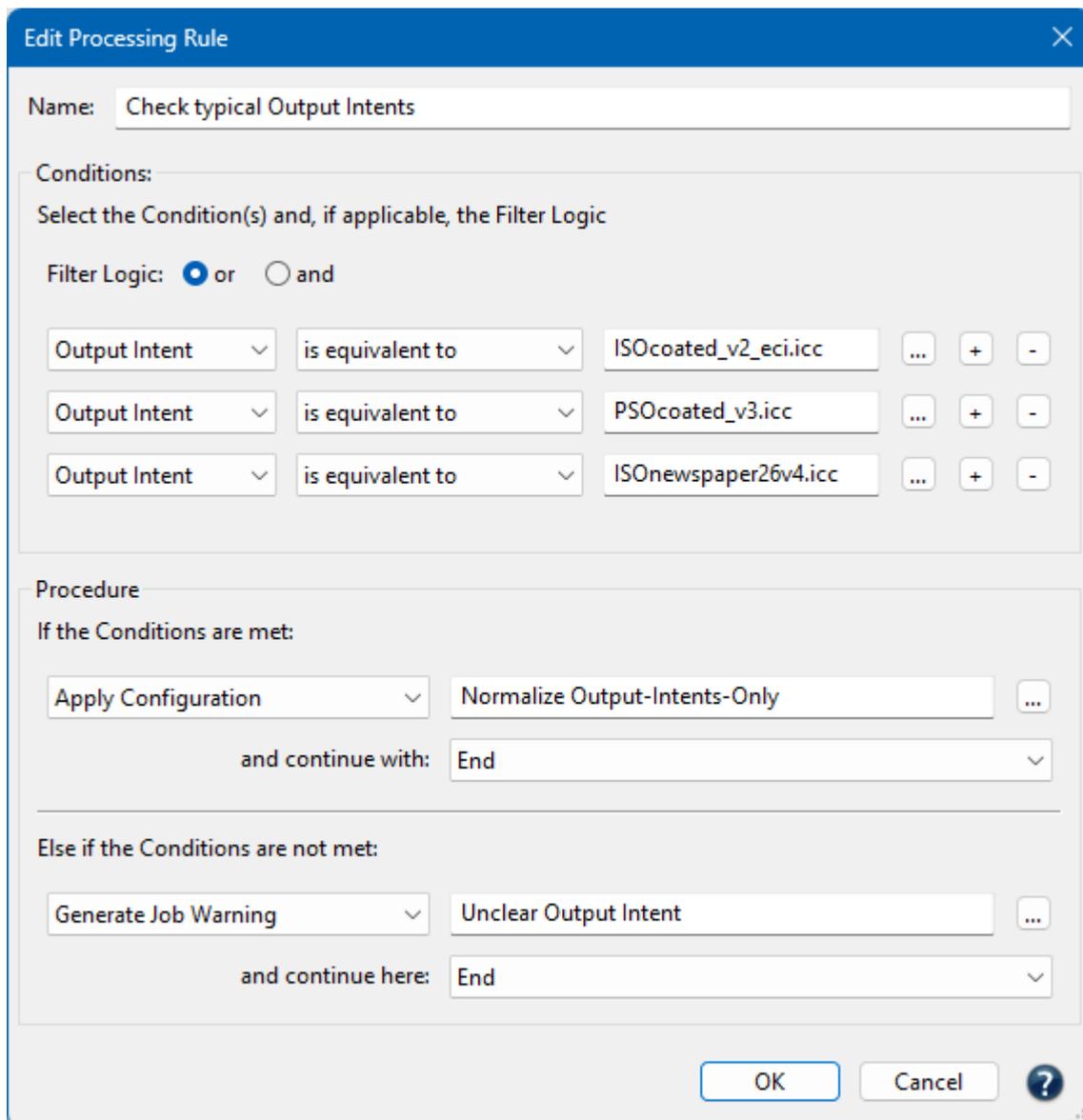
Currently, the new **Flows** tool covers the following automation scenarios:

- Combining multiple configurations, such as a color conversion configuration with an ink-saving configuration, in just a single queue.

- Searching for output intents in PDF/X files and/or filtering out PDF files without output intents and forwarding them to the required configurations

- Distribution of files based on naming convention, file size, file type, pixel files width our height, or number of pages

- Embedding CxF/X-4 spectral data for spot colors in PDF/X files

- Automated creation of spot color reports for large numbers of PDF files and optional processing of the files with the best-suited configuration

**Flows** can be configured in the **Define Flows** section. Each flow carries a name and contains one or more **Processing Rules**. Similar to configurations, **Flows** can be created with or without a **Queue** and managed in the same way. **Flows** are identified in the **Overview** by a dedicated orange flow icon. For better distinction, configurations have their own blue icon.
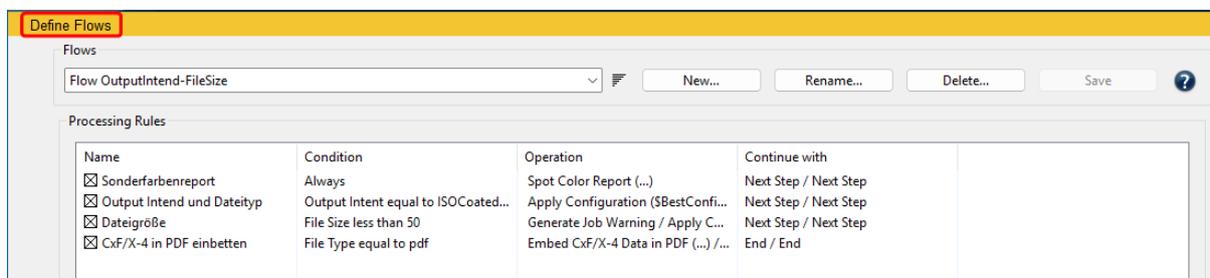
The core of all **Flows** are the **Processing Rules**. A processing rule can include one or more **Conditions**. If a condition is met, a **Procedure** can be defined, which will then be executed. The next step after that can be defined as well. If a condition is not met, an alternative procedure and an alternative next step can both be defined.

**Edit Processing Rule**　✕

Name:　Check typical Output Intents

Conditions:

Select the Condition(s) and, if applicable, the Filter Logic

Filter Logic:　● or　○ and

| Output Intent ⌄ | is equivalent to ⌄ | ISOcoated_v2_eci.icc | ... | + | - |
| Output Intent ⌄ | is equivalent to ⌄ | PSOcoated_v3.icc | ... | + | - |
| Output Intent ⌄ | is equivalent to ⌄ | ISOnewspaper26v4.icc | ... | + | - |

Procedure

If the Conditions are met:

| Apply Configuration ⌄ | Normalize Output-Intents-Only | ... |

and continue with:　End ⌄

Else if the Conditions are not met:

| Generate Job Warning ⌄ | Unclear Output Intent | ... |

and continue here:　End ⌄

OK　Cancel　？

*Job Control Files* have been improved to optimally support the new flow functions. This can be used to overwrite the settings of a flow or even to define a flow from scratch – similar to configurations.

In ZePrA 13, we have implemented the framework to provide you with a convenient start to automated flows. Please note that more options and application scenarios are likely to be added in the future depending on our customers' needs.

**New Auto Setup mode to set up Flows**

The new *Auto Setup* method *Link two configurations* creates workflows that apply two configurations in the specified order to the data during conversions.
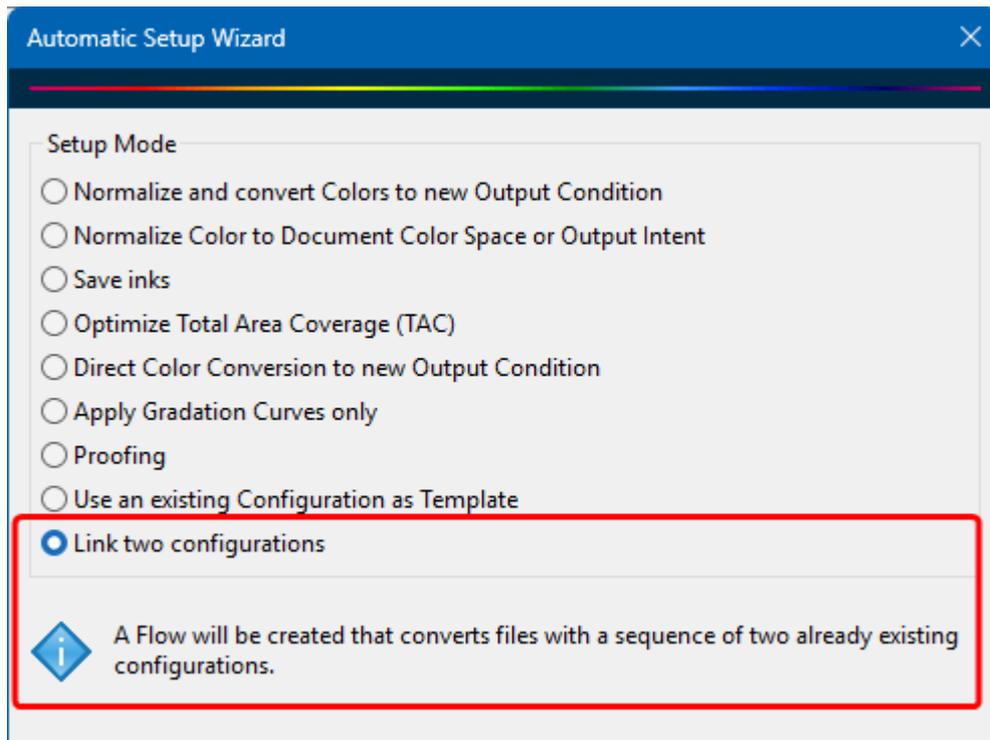
Simply select the two configurations to be used for the conversion and follow the wizard to set up the **Flow**. The two configurations will then be applied in the specified order.
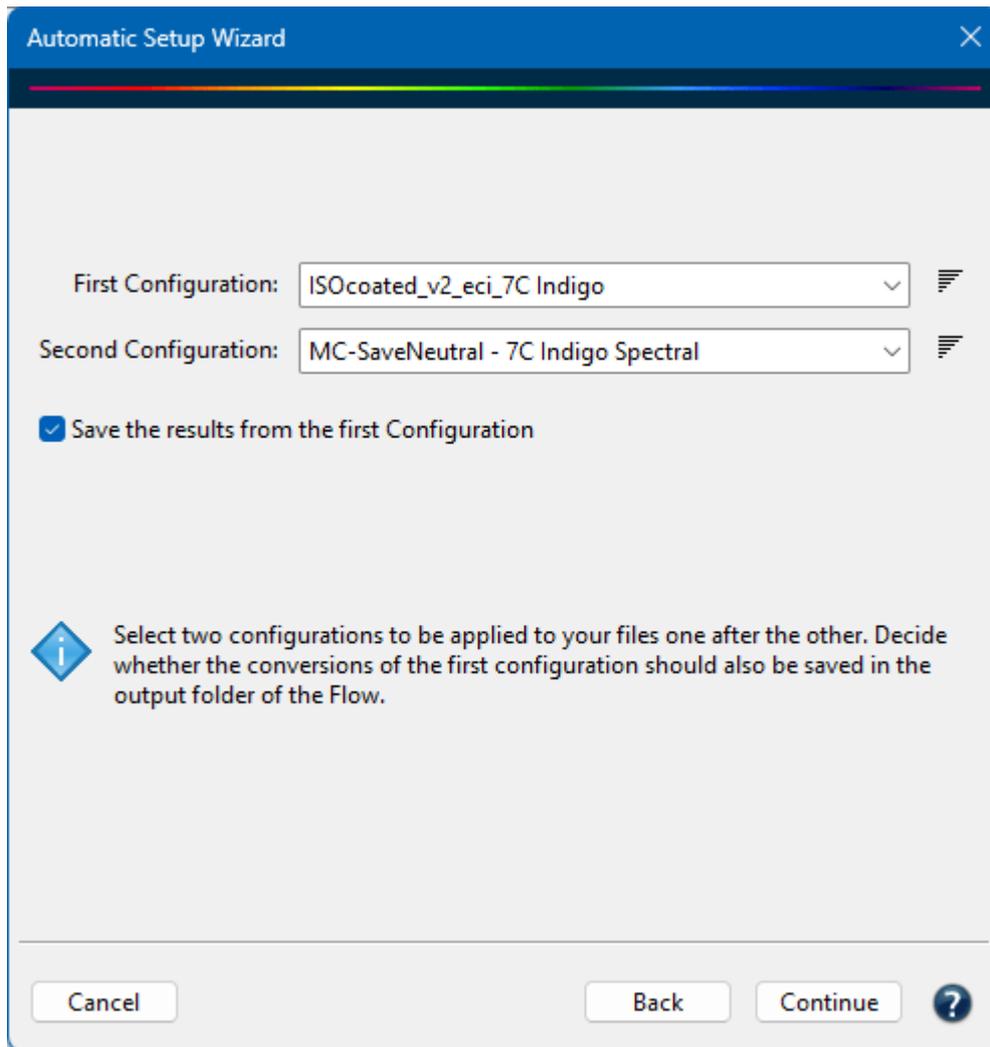
**New options for enhanced Image Quality**

There is a new tab under *Configurations* named *Image Quality*. All image quality-related aspects, such as the new options *Image Resolution* and *Image Dimensions* as well as existing options like *Sharpening* and *Format Options*, which were previously located in the *Options* tab, are now grouped together in this tab.
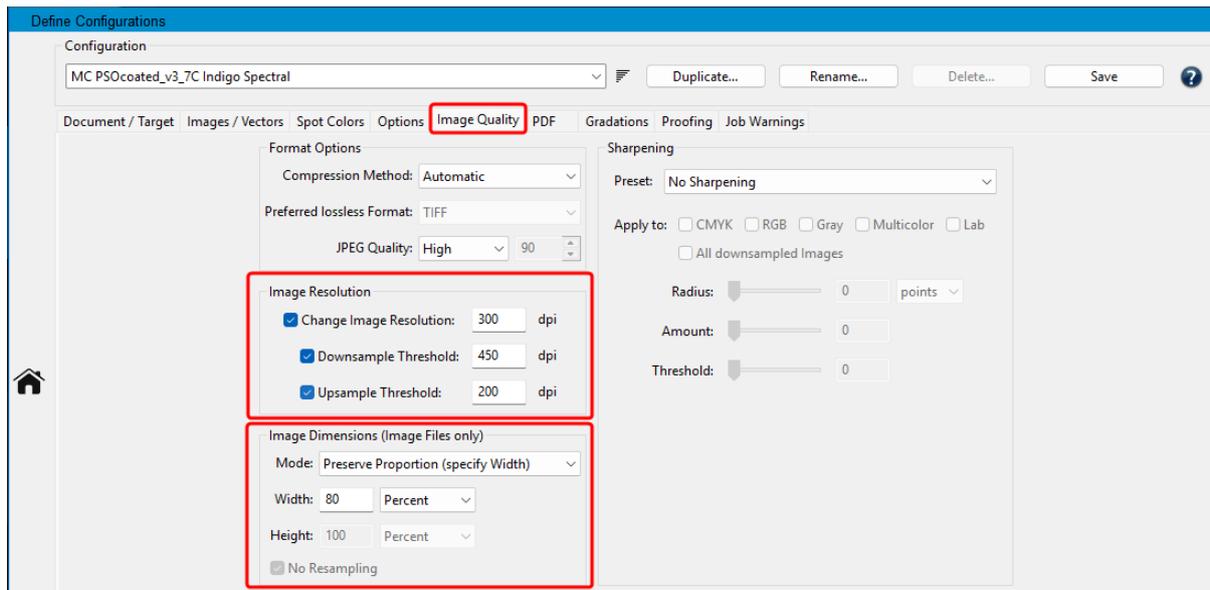
The new **Image Resolution** section allows changing the image resolution by adding thresholds for downscaling and upscaling. Previously, only a downscaling of the image resolution was possible; now, it is also possible to upscale it. The first checkbox defines the desired resolution and at least one of the threshold checkboxes must be enabled.

Another new section called **Image Dimension** is available for resizing image files. Among other things, this is useful for adjusting the usually enormous dimensions of pictures taken with smart phones. Note that this only applies to image files (TIFF, JPEG, PSD, PSB files) but does not affect images in PDF files.

### Create Multicolor SaveInk profiles on-the-fly using SmartLink

ZePrA 13 provides the ability to create Multicolor SaveInk profiles on-the-fly using SmartLink. Previously, SaveInk for Multicolor was only available when using pre-calculated SaveInk profiles created by CoPrA, but was not available via SmartLink. Now there are three presets available in the **Auto Setup Wizard** and under **Configurations** to easily select the level of ink saving. Additionally, custom presets created in CoPrA (from version 11.1) can be shared with ZePrA 13.
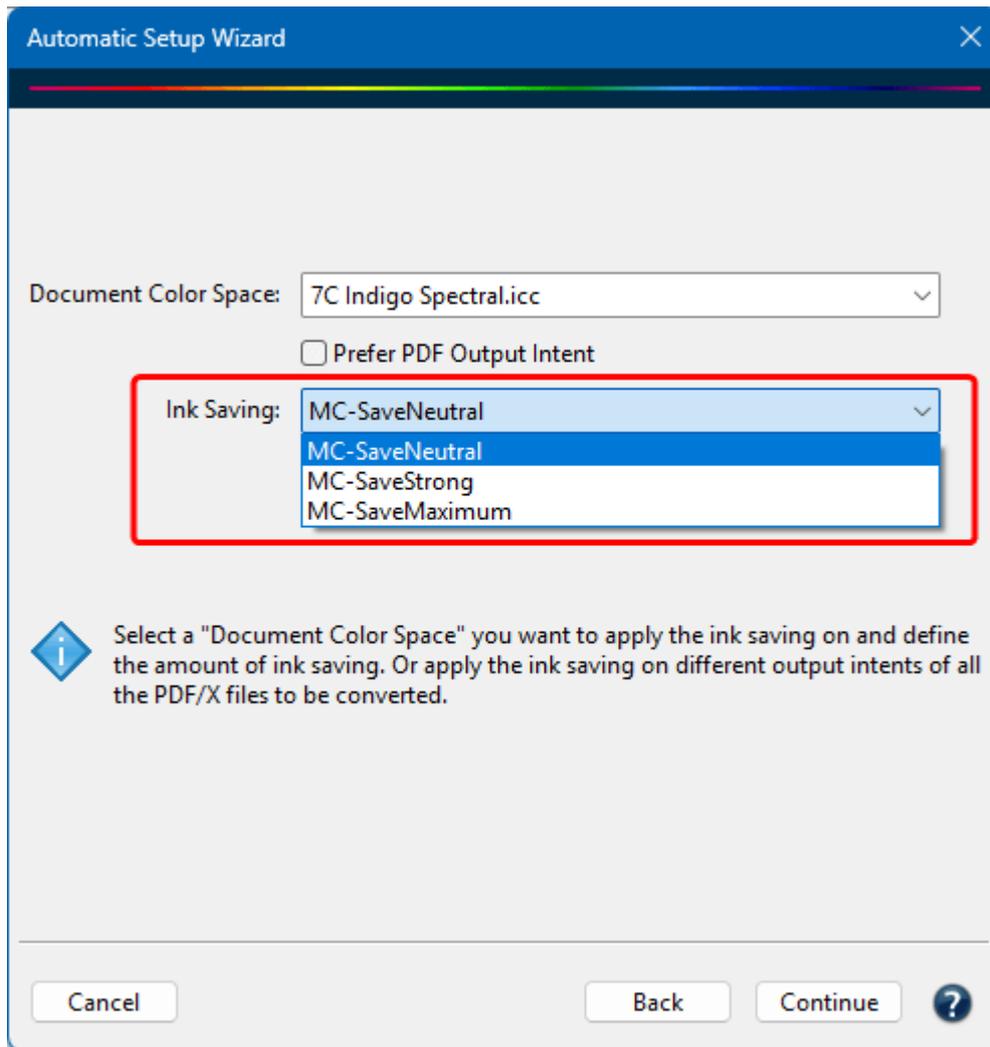
For the SmartLink method **SaveInk**, the ink saving method can be set separately for **CMYK** and **Multicolor 4-n** channels.
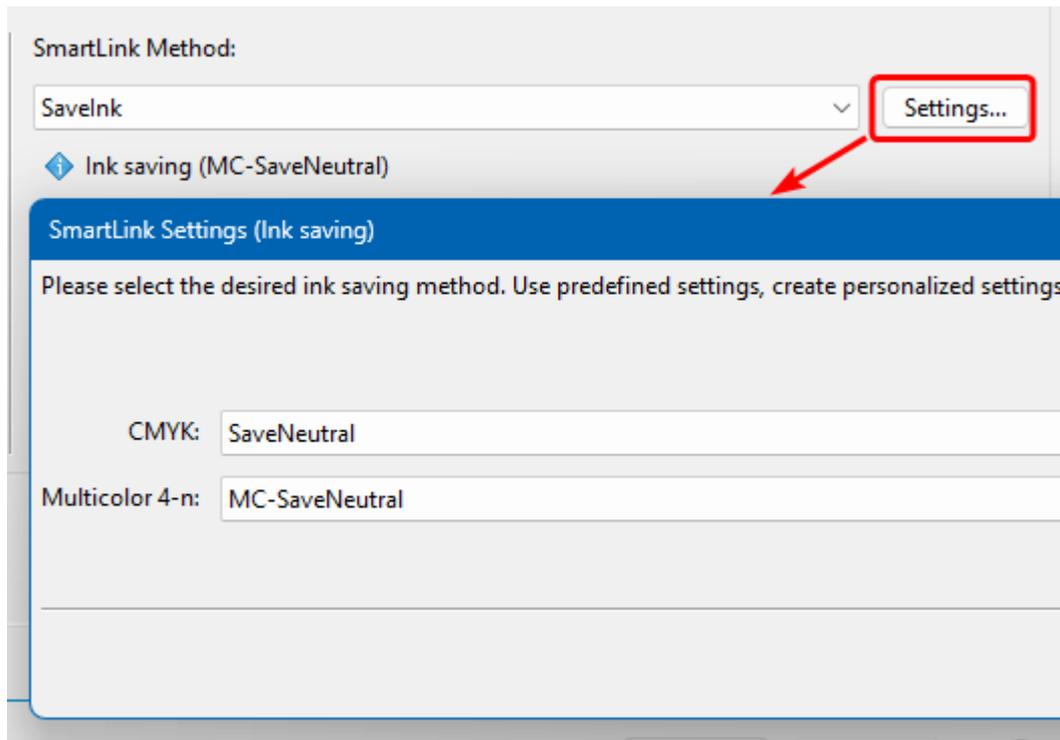
**New SmartLink Method for conversion to Multicolor with preservation of CMYK color spaces**

There is a new *SmartLink Method* in the *Configuration* and the *Auto Setup wizard* whenever a Multicolor target profile with 5 and more channels has been selected. The method *Multicolor – Preserve CMYK* makes sure that CMYK objects in PDF files or CMYK image files are preserved as CMYK when converting to Multicolor.
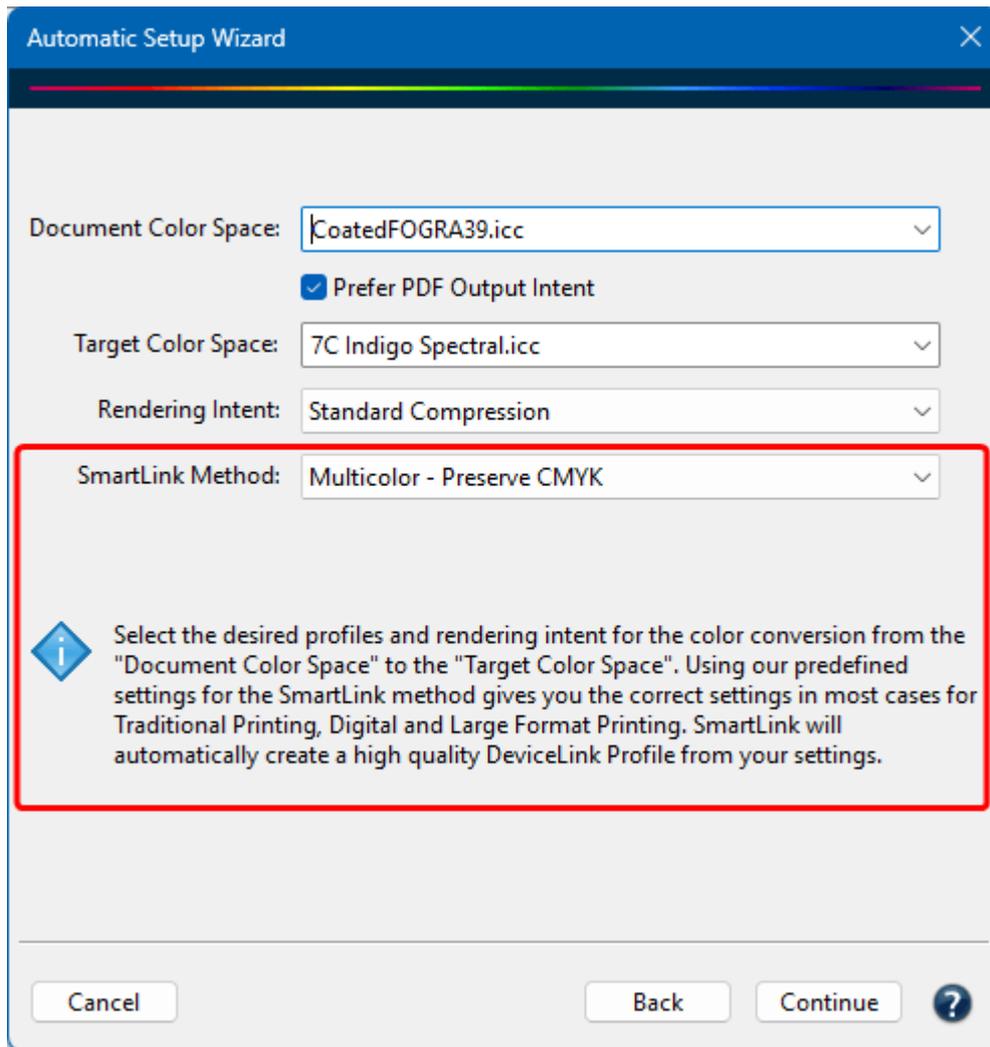
This is a requirement from packaging customers who often get provide with files having CMYK plus spot colors. When printing, especially in digital printing but also in analog ECG printing, the requirement is that the spot colors get converted to Multicolor but objects that are CMYK in the original file should be preserved as CMYK after conversion. Of course, the CMYK objects will be converted to the CMYK part of the Multicolor target color space in order for the color rendering to be printed correctly.

When the new **SmartLink Method** is selected the generated multicolor separation preserves CMYK objects as CMYK. Other color spaces such as RGB or spot colors if the conversion is activated, are converted to Multicolor with the black and color generation of the target profile for best color fidelity. For image and vector conversions color exceptions are generated automatically.

**New option to overwrite existing items in the Import Configurations dialog**

When importing *Configurations* and *Flows* via the *Import Configurations* dialog, existing items such as folders, configurations, flows, ICC profiles, spot color libraries etc. are no longer imported and overwritten by default. This is a change compared to previous versions in which such items were overwritten, which was not desirable in all cases.

By default, ZePrA 13 does not overwrite existing elements, such as configuration names, if the new **Overwrite existing Items** checkbox is deactivated. In this case, existing items are not displayed in the list.

When enabling the checkbox **Overwrite existing Items**, all new elements are listed, including those that differ from the existing elements despite having the same name, for example configurations or queues that have the same name but different settings.
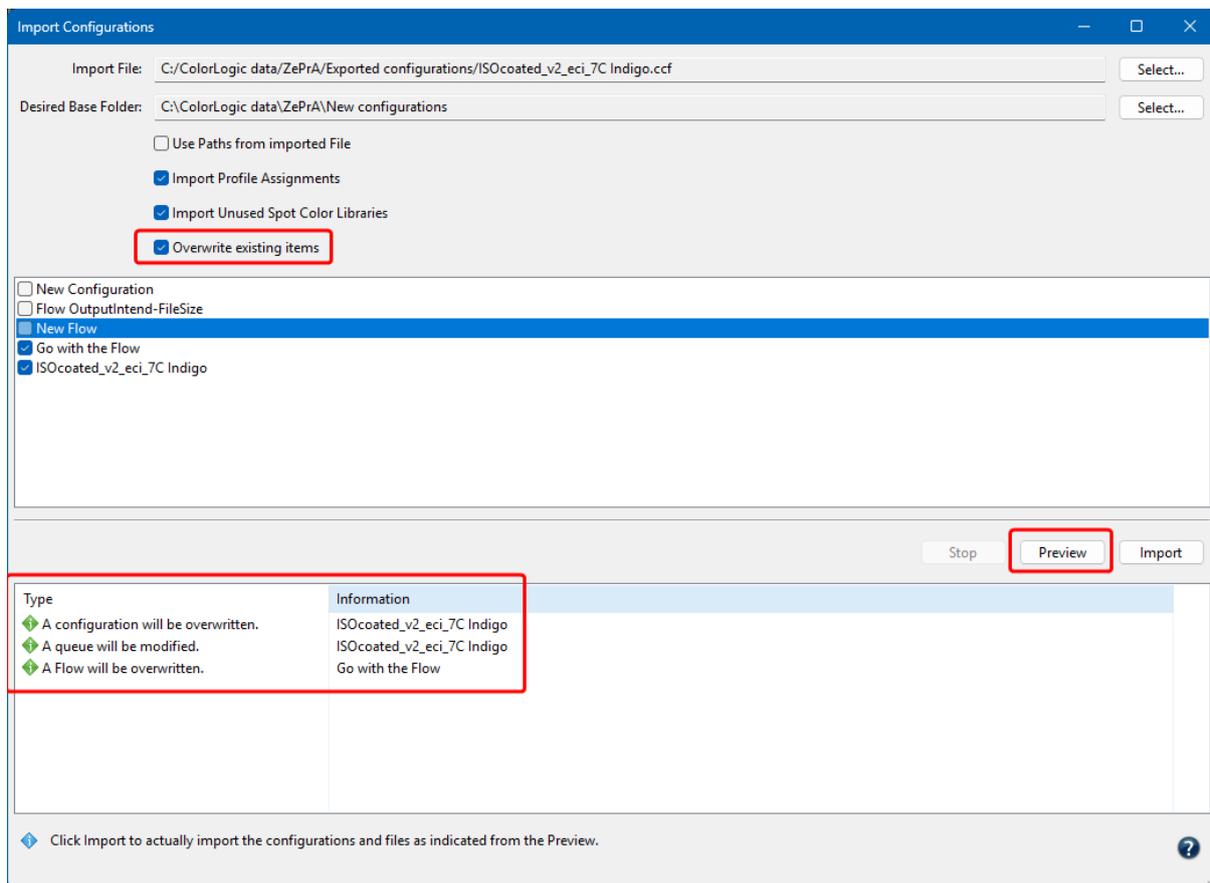


When importing, the existing elements are then replaced by the new ones containing the changed settings.

**Define spot color conversion via external files**

The spot color conversion rules (which define how spot colors are converted to process colors) are usually calculated by ZePrA, but they can also be defined by third-party tools via external files such as TXT and CxF files.

The option to use these external files has already been integrated into the user interface in ZePrA 12.1, but from ZePrA 13 onwards, these external files can also be used via ***Job Control Files***. This allows on-the-fly adjustment of spot color conversion based on measurements and calculations directly at the printing press using appropriate third-party tools.
The ***Job Control File*** documentation has been updated accordingly and contains an explanation of the syntax.

### Expert DeviceLink Set is included in ZePrA 13

From ZePrA 13, all 432 professionally created DeviceLink profiles of the ***Expert DLS Set*** are included with a new purchase. These profiles are open profiles that can be used in ZePrA as well as in all ICC applications that utilize DeviceLink profiles. This strengthens ZePrA's usability in a global world, as all international printing standards such as ISO, Gracol and Japan are covered.

### New smaller but great features for more versatility, speed and better quality

- The times for starting and shutting down the program have been optimized - especially for environments with a large number of configurations.

- The performance when checking queue folders has increased when there are many queues.

- The progress of file processing is now also shown in the ZePrA application icon.

- An updated Adobe PDF flattening engine has been integrated that solves a few flattening issues reported from clients.

- The CrossXColor engine for the creation of SmartLink profiles has been integrated that is now compatible with the recent CoPrA 11.1.2 version.

- Includes the latest ColorAnt version (ColorAnt 11.1 with Measure Tool in version 8.1) for measuring spot colors and test charts.