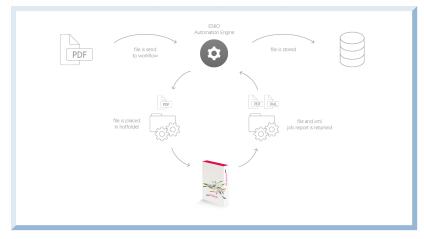


# 1. Integrate GMG ColorServer into Esko Automation Engine

Would you like to simplify your processes and also save time? Find out here how you can easily integrate your GMG ColorServer system into your existing Esko Automation Engine workflow.



## **Technical requirements**

Workflow solution:

- Provider: Esko
- Software: Automation Engine
- Supported version: 14 or higher
- Additionally license option required: none

GMG solution:

- Provider: GMG GmbH & Co. KG
- Software: GMG ColorServer
- Supported version: 5.0 or higher
- **Additionally license option required:** none

#### Preparing the network

First of all, you need a server location which is accessible from both **Automation Engine** and GMG ColorServer.

On that location, create at least one input and one output folder.

These folders will later be used by both systems for file exchange. The input folders will be watched by GMG ColorServer, the output folders by **Automation Engine**.

Please make sure that

- Automation Engine has write permission to the input folder(s).
- GMG ColorServer has read and write permission to both, input and output folder(s). The write permission to the input folders is necessary for proper backup and cleanup of processed files.



Preparing GMG ColorServer for the integration



- 1. Start the GMG Hotfolder Service Configurator.
- 2. Add the server location of your input and output folder(s) to the known locations under **Resources >** Hotfolder Locations>New.

•• <b>3</b> + Nev		L Import	Resources	_	rt 🛱 Di	uplicate <u> </u>	Lock 💷 Update I	Host Q Sear	ch 🕜
	Hotfolder L	(2)							
₽	Print Config	(0)	6	Name AE connection	Host GMG5	Path C:/Hotfolders/AEconnection	Free Disk Space	Total Space A	Status
			• •	Default	GMG5	C:/Hotfolders	11.7 GB	111.0 GB	On

- 3. Start the GMG ColorServer client.
- 4. Create a new PDF hotfolder under Hotfolders>PDF hotfolder>New.

, colorSei	ver	Jobs 💽 Monitor	A Hotfolders 💀 Resources	0
► New 🧨 Edit	🛃 Import	t 🛃 Update 🟦 Export	🛱 Duplicate 🛱 Remove 🎧 Lock (	Recalibrate Search
Image Hotf	(4)		▼ Name	Host
PDF Hotfol	(8)	<b>1</b>	Eric SmartProfiler	GMG5
Job Ticket	(0)	- 10	HighSpeed Inkjet iP	GMG5
		6	HighSpeed Inkjet LFIP	GMG5
		6	HighSpeed Inkjet tbdp	GMG5
		6	IO_GRACoL2006_Coated1_TACS	300_G1_V1 GMG5
		6	IO_GRACoL2006_Coated1_TACS	300_G2_V1 GMG5
		6	IO_GRACoL2006_Coated1_TAC	300_G3_V1 GMG5
		6	swop3	GMG5

After that, a new dialog opens.

5. Under Input Folders, add the desired hotfolders.

mg <sup>r</sup> colorServer	Jobs	🖸 Monitor 🛕 Hotfolders 😨 Resources 🛛 AEpdf * 🗙	
PDF Hotfolder		Undo Redo	
Name		General	
AEpdf	<ul> <li>Host</li> </ul>		
Comment			
	L • • •	Input Folders	
		Default Path	+
			â
			_
		Hotfolder Location	
		AE connection V Subfolder PDF Input	
		<ul> <li>Wait for Notifications from Operating System</li> <li>Use Same Folder Structure in Output</li> </ul>	
		O Detect changed Files in Input Folders	
		Polling Intervall 3 secs	
		Folder Depth Unlimited	
		Timeout for Stability Check 30 secs	
		✓ Use Creation Time for File and Modification Detection	
		<ul> <li>Use Modification Time for File and Modification Detection</li> <li>Create Job if File has been modified</li> </ul>	
		Create Job if File has been modified     Delete invalid input files after 24     Hours	
		Delete invalid input files after 24 Y Hours	



6. Select the option Use Same Folder Structure in Output.

✓ Use Same Folder Structure in Output

7. Under Folder Depth, select Unlimited.

$\bigcirc$ Detect changed Files in Ir	nput Folders	
Polling Intervall 3 secs		*
Folder Depth	Unlimited	×
Timeout for Stability Check	30 secs	×
✓ Use Creation Time for Fil	le and Modification Detection	

8. Under Workflow, select your desired settings for File Types, Name Filters and Conversion.

	Default Workflow		
File Filter			
File Types			
✓ PDF			
✓ JPEG			
✓ TIF			
Name Filters			
Name Filters			
Name Filters			
	Templates for Image and Vector processing: Use the same Use different		
	Templates for Image and Vector processing: Use the same Use different	V	+ ,
Conversion	Templates for Image and Vector processing: Use the same Use different	<b>v</b>	+ ,
Conversion Normalization			+ 4 + 4
Conversion Normalization Conversion			+ 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4

- 9. Under **Output** > **Hotfolder Output**, add the output folder which had been created earlier.
- 10. Under **Output** > **Hotfolder Output**, choose the option **Overwrite Existing File** under **Existing Files**.

put otfolder Output		
✔ File Output		
AE conr 🔻 Output		
Existing Files	Output Name	
Number if File is Existing Overwrite Existing File	Prefix	
	Suffix	
Print Configuration		

Please, do **not** add a **Prefix** or **Suffix** value under **Output Name**. Otherwise, the workflow will not be able to detect the converted files.

11. Under Cleanup / Backup > Successful Jobs, select Delete Input Files and Delete Job from Job List.

eanup / Backup		
<ul> <li>Successful Jobs</li> </ul>		
O No Cleanup / Backup		
<ul> <li>Delete Input Files</li> </ul>		
$\bigcirc$ Move Input Files after Processing		
Target Folder Backup		
File Name Keep Vrefix	Name	
Number if File is Existing Overwrite Existing File		
Remove after 24 🔶 Hour		
✔ Delete Job from Job List		

12. Under Cleanup / Backup > Jobs finished with Warnings, select Delete Input Files and Delete Job from Job List.

Cleanup / Backup

Successful Jobs

No Cleanup / Backup

Delete Input Files

Nove Input Files after Processing

Target Folder

Backup

File Name
Keep
Prefix
Name
Suffix

Number if File is Susting
Overwrite Existing File

Remove after
4 Hour

Delete Job from Job List

Deactivate Move Input Files after Processing.

13. Under Cleanup / Backup > Jobs with Errors, select Delete Input Files.

Successful Jobs			
<ul> <li>Jobs Finished With War</li> </ul>	nings		
🔿 No Cleanup / Backup			
Delete Input Files			
O Move Input Files after P	rocessing		
	▼ Backup		
File Name Keep	Prefix	Name	
Number if File is Exis	ting Overwrite Existing	File	
Remove after 24	+ Hour		
Move Output Files			
	▼ Warning		
File Name Keep	Prefix	Name	
Number if File is Exis	ting Overwrite Existing	File	

- 14. Under Report, select the Create Report checkbox
- 15. Under **Report** > **Target Folder**, select the same folder that was selected as output folder under **Output** > **Hotfolder Output** > **File Output** in step 9.
- 16. Under **Report** > **File Name**, select **Keep**.
- 17. Under **Report** > **Create Report** on, select **Always**.
- 18. Under **Report** > **Format**, select **XML**.
- 19. Under Report, disable the Delete Reports After checkbox.



20. Under Report, select Overwrite Existing File.

•	Successful Jobs			
×	Jobs Finished With Warning	IS		
•	Jobs with Errors			
0	No Cleanup / Backup			
•	Delete Input Files			
0	Move Input Files after Proce	essing		
	Target Folder	Error		
	File Name Keep	Prefix	Name	
	Number if File is Existing	Overwrite Existing File		
	Remove after 24	Hour		

- 21. Configure all other hotfolder settings according to your needs.
- 22. Click Save and Close to save the hotfolder settings.
- 23. Repeat all these steps for every hotfolder you want to use.

#### Preparing Esko Automation Engine for the integration

1. In **Esko Automation Engine Workflow Editor**, either create a new workflow or just add a new ticket within your existing workflow for the communication with GMG ColorServer.

The picture below shows an example where GMG ColorServer has been embedded into a simple workflow.

Target Folder	AE conr 🔻	Report			
File Name	Keep 🔻	Prefix	Name	Suffix	
A	is Evicting	Overwrite Existing File			
Number if File	is existing	Overwrite Existing file			
		Overwrite Existing file	•		
Create Report o		over write Existing The			
		Overwrite Existing file	▼  ▼		

2. After the PDF has been generated, create a ticket for external file processing. As **Ticket Type**, choose **Integrate with External Hotfolders**.



#### **Known limitations**

Normalized PDFs will loose their proprietary meta data information after processing in GMG ColorServer and will not be recognized from **Automation Engine** as normalized anymore. If further workflow steps require normalized PDFs, please add the normalization step after the **GMG ColorServer** processing.

### Additional information and resources

You can find the complete manual of Automation Engine 18.1 on the Esko website: https://docs.esko.com/docs/en-us/automationengine/18.1/userguide/home.html#about.html