

MetaDimension TIFF File Workflow Configuration

The AIT 2.5 can accept one-bit TIFF files from MetaDimension.

MetaDimension uses TIFF-B Export Device to output the one-bit TIFF files to a folder. TIFF-B Export Device uses the FBDI – Protocol¹ that creates JobStart.jdf, JobEnd.jmf and individual separations .jmf files along with the individual .tif separations files. FBDI – Protocol creates a subfolder where JobStart.jdf, JobEnd.jmf, separation.jmf and separation.tif files are created. Each job gets its own subfolder named with a concatenation of the MetaDimension job number and job name.

Once the job subfolder is created inside AIT 2.5 Hot Folder AIT 2.5 looks inside the subfolder for the JobEnd.jmf file. When the JobEnd.jmf file is found AIT 2.5 copies the template.txt file into the job subfolder. Then AIT 2.5 retrieves Ruling parameter, number of separation, and separation names from the StartJob.jmf file. AIT 2.5 uses these parameter along with the angles and density parameters from template.txt file to create .ini file with the concatenated MetaDimension job number and job name as its file name. Once the .ini file is created the job will transfer via OFE protocol to the KODAK Approval Host Queue Manager.

The AIT 2.5 accepts the following one-bit TIFF file formats from MetaDimension:

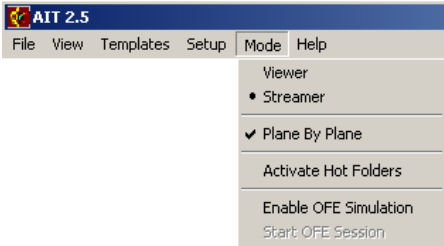
- No compression
- LZW (recommended)
- CCITT Group 3
- CCITT Group 3
- Pack Bits

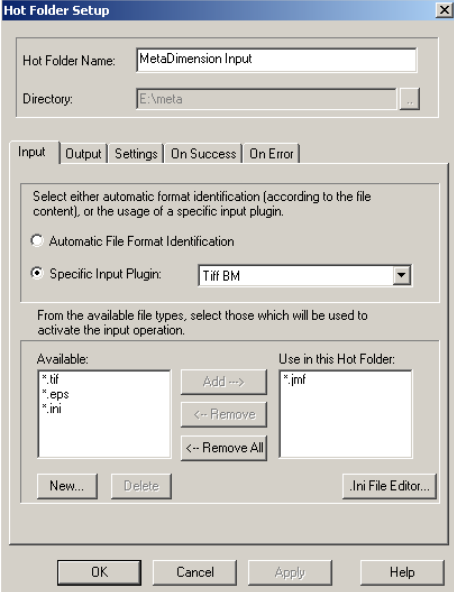
NOTE: To set up for a MetaDimension TIFF workflow, you must create a template.txt file for the AIT input folder. Template.txt files are used to set the Angles and Density. Recipe colors parameters come from the list of Pantone and user-defined recipes the AIT uses.

¹ (The **F**ile **B**ased **D**evice **I**nterface-Protocol is a simple JDF/JMF controlled TIFF-B file interface that is intended to be used for connecting other vendor's devices to the MetaDimension RIP.)

Steps	Reference
<p>1. Preliminary set up: NOTE: It is highly recommended to use a second network card in the RIP computer and a crossover cable between the host and RIP computers.</p> <ul style="list-style-type: none"> • Power up the APPROVAL XP/XP4 host and log on as Administrator • Set the APPROVAL XP/XP4 host IP Address to 192.168.0.1 and the RIP's second network card IP Address to 192.168.0.2 <p>NOTE: Get the proper ID from your local network administrator.</p> <ul style="list-style-type: none"> • Establish network communication between the RIP and the <i>APPROVAL XP/XP4</i> host 	
<p>2. Create the RIP output folders on the RIP computer. The RIP output folders needs to be the same as the AIT input folders. This procedure is usually performed by the RIP vendor.</p>	
<p>3. Install the Dongle and AIT software in the C:\Program Files\AIT folder</p>	<p>See "Installing the AIT Software on the Host" on page 100.</p>
<p>4. Start the KODAK APPROVAL XP/XP4 host software.</p> <p>5. Start the AIT application.</p>	

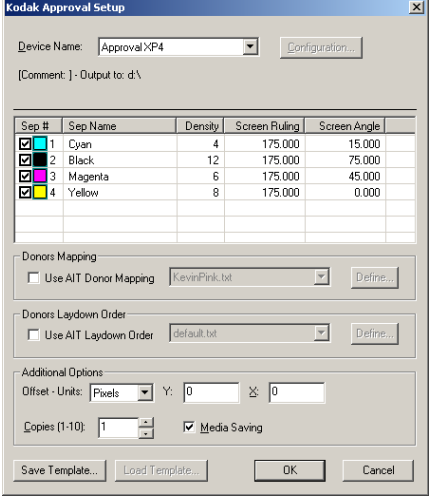
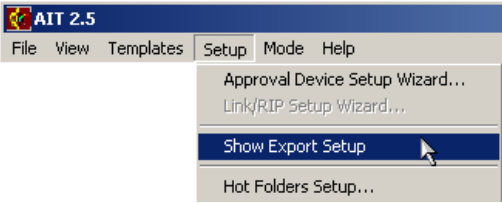
Step	Reference
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<p>6. Select Streamer and Plane By Plane from the Mode menu.</p>  <p>NOTE: The Steamer and Plane By Plan mode is automatically selected when hot folder are activated.</p>	
<p>7. Create donor laydown order templates.</p> <p>NOTE: Under the output tab, these templates are applied during hot folder set up.</p>	<p>See “Donor Laydown Order” on page 54.</p>
<p>8. Create donor mapping templates.</p> <p>NOTE: These templates are applied during hot folder set up.</p>	<p>See “Donor Mapping” on page 52.</p>

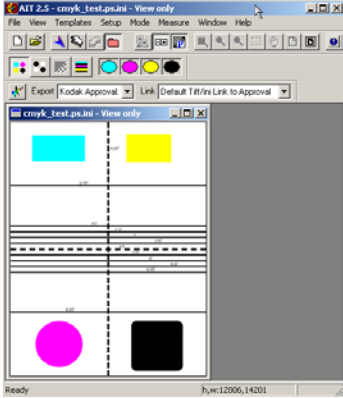
Steps	Reference
<p>9. Set up and activate the hot folders.</p> <p>The AIT is now ready to transfer to the APPROVAL XP/XP4 host via OFE.</p>  <p>The Specific Input Plugin should be TIFF BM.</p> <p>The input trigger file type extension should be *.jmf for Tiff BM</p>	<p>See “Setting Up Hot Folders” on page 20.</p>

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Steps	Reference
<p>10. Create a template.txt file to apply to the AIT input folder.</p> <p>NOTE: The template.txt file is used to set the density, angles X and Y offset, number of copies, and media savings. During hot folder set up the RIP's drive that was shared will be automatically mapped on the KODAK APPROVAL XP/XP4 host.</p>	<p>See "Creating Templates" on page 26.</p>
<p>11. Enter a test file or copy a test file into the input folder. Remember to copy the whole MetaDimension job folder into the input folder. Once folder is in the input folder, the AIT waits 5 seconds before the job starts transferring.</p>	

Steps	Reference
<p>12. Because Show Export Setup is selected during the hot folder set up procedure, the <i>KODAK APPROVAL</i> Setup window appears.</p>  <p>NOTE: When Hot Folders are activated the Show Export Setup becomes unchecked. To select Show Export Setup activate the Hot Folders and recheck the Show Export Setup.</p> <p>13. Verify the setting and click OK to start the OFE transfer.</p>	
<p>14. To return to total automation, go to the setup menu and de-select Show Export Setup.</p>  <p>See NOTE from Step 12.</p>	<p>Need new screen shot</p>

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Steps	Reference
<p>14. When the transfer starts, the AIT Preview window displays the first color separation a line at a time.</p>  <p>16. Check the KODAK APPROVAL XP/XP4 host queue manager to verify that the job is being transferred. The AIT is now configured and ready to proof modified TIFF/.ini files.</p>	