Kodak

Setting Up VMR for MPE Devices

Product

- *Kodak Trendsetter* 3230/3244/400/800 Base
- *Trendsetter* 3230/3244/400/800 AL
- *Kodak Trendsetter Spectrum* 3230/3244/400/800
- *Kodak Trendsetter* VLF and *Trendsetter* VLF AL

Background

The Variable Mainscan Resolution (VMR) option is available for devices with the controlled releases listed next. This procedure describes how to enable and set up the VMR option.

Requirements

- MPE Controlled Release 1.4 or higher for *Trendsetter* Base
- MPE Controlled Release 2.3 or higher for *Trendsetter* AL
- MPE Controlled Release 3.3 or higher for *Trendsetter Spectrum*
- MPE Controlled Release 4.1 or higher for *Trendsetter* VLF and *Trendsetter* VLF AL
- VMR license key
- TIFF Downloader license key

Procedure

To verify that the required controlled release is installed:

1. In Service Shell client, click **Version Checker**.
2. If the system is pre-configured, version checking starts automatically.

   If version checking does not start, click **Configure**.

   A dialog box prompts you for the controlled release version config file.
3. Browse to the **VersionConfig** folder on the controlled release CD.
4. Select the version config file—for example, TS400-800-B-MPE.INI—and click **Evaluate > Yes**.
5. If a dialog box indicates that the device is not yet configured with controlled release version information:
   - Select **Configure System > Next.**
   - Browse to the **VersionConfig** folder on the controlled release CD.
   - Select the version config file.
   - Click **Finish**.

For more information about Service Shell, see http://techplanet.creo.com/outpu/service_tools/service_shell/nav/v2-x/index.htm.

To enable the VMR Option:

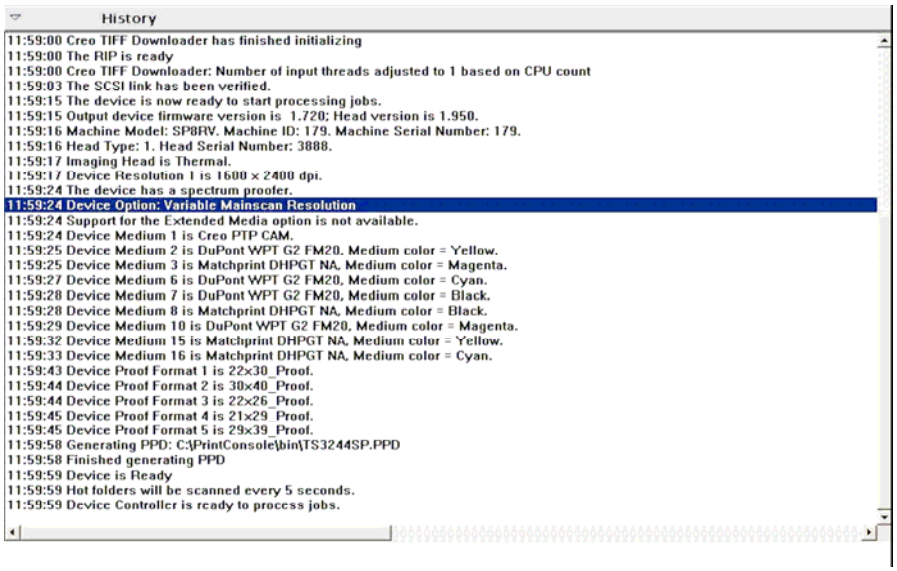
1. Start Service Shell and enter the following commands:

   `mask range`

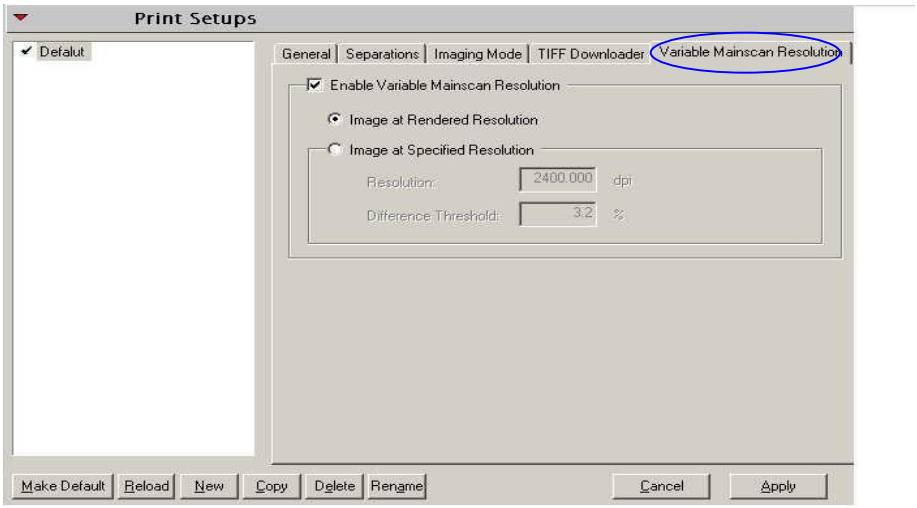
   `set mode x dpi 4800` (where **`x`** is the next available mode slot)

2. Start the *Kodak* Print Console software.
3. In **Configuration > Preferences > Licenses**, enter the VMR license and TIFF Downloader license (if applicable) key codes, and then click **Apply**.
4. Restart the Print Console software to register the licenses.
5. When device initialization completes, you should see the following line in the **History** pane:

   `Device Option: Variable Mainscan Resolution`



6. In **Configuration > Print Setups**, you should now see the **Variable Mainscan Resolution** tab.



To set drumspeed for VMR jobs:

The drum speed may be limited on higher-resolution jobs. The table below lists the maximum drum speed for each device-and-resolution combination. If the current drum speed for the media exceeds the number listed, follow the steps below to set up a new media slot to handle the VMR jobs.

Maximum drum speed for each resolution range

	Up to 2476.8 dpi	Up to 4800 dpi
Trendsetter 3230/3244/400/800	360 rpm	200 rpm
Trendsetter VLF (4557, 5067 and 5080)	270 rpm	145 rpm
Trendsetter VLF (5467 and 5880)	245 rpm	127 rpm

1. In Service Shell, locate an empty media slot for the setup.
2. Duplicate the media settings of the customer's plate in the empty media slot and give the setting a relevant name—for example, *Kodak Thermal Gold* VMR.
3. Duplicate the **hdm settings** of the customer's plate in the new **hdm** slot. Use the same hdm name that you set in the media slot.
4. Set the new **drumspeed** according to the device and resolution range in the maximum drum speed table.
5. Set the laser **power** to (original **power** × new **drumspeed**/old **drumspeed**).
6. Start the Print Console software and set up new plate sizes using the media settings you created for VMR.

See Also	VMR Technical Bulletin 734-000209B-EN
Technical contact	Andrew So

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