Kodak

Setting Up VMR for MCE/GMCE devices

Product

- *Kodak Trendsetter* 400/800 II/III Quantum (Base/CL/AL/Spectrum)
- *Kodak Magnus* VLF and *Kodak Magnus* VLF Autoloader with Quantum option

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

- MCE Controlled Release 5.1 or higher for *Trendsetter* 400/800 II Quantum
- GMCE Controlled Release 1.0 or higher for *Trendsetter* 400/800 III Quantum
- Controlled Release 4.0 or higher for *Magnus* VLF and *Magnus* VLF Autoloader
- Customer dongle
- Feature 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 preconfigured, version checking starts automatically.

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

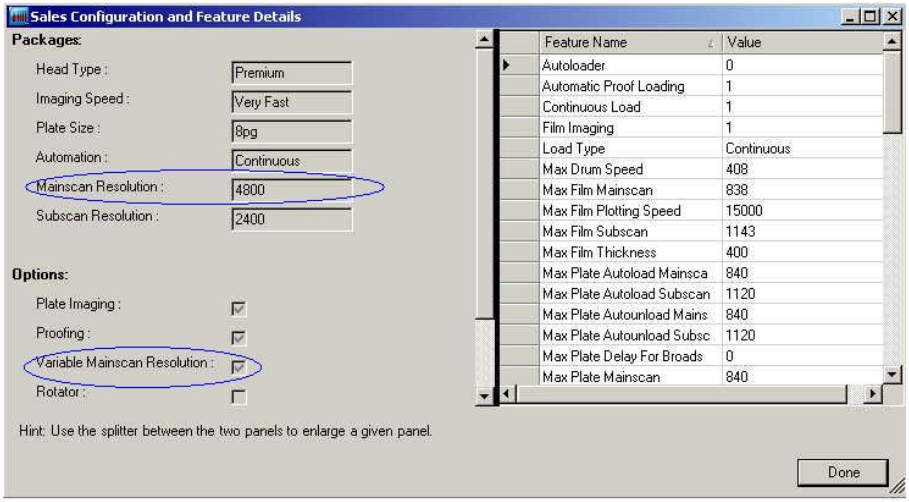
   A dialog box prompts you for the controlled release config file.
3. Browse to the **VersionConfig** folder on the controlled release CD.
4. Select the version config file—for example, TS400-800-II-TH1x.INI—and click **Evaluate > Yes**.
5. If a dialog box indicates that the device is not yet configured 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 Creo Feature Licensing Manager.
2. Click **Paste new license**, paste the VMR license into the New License window, and then click **OK**.
3. Select **Trendsetter** in **Licenses** and click **View**.

   The new maximum **Mainscan Resolution** should appear and **Variable Mainscan Resolution** should be selected.



4. Start Service Shell and enter the following commands:

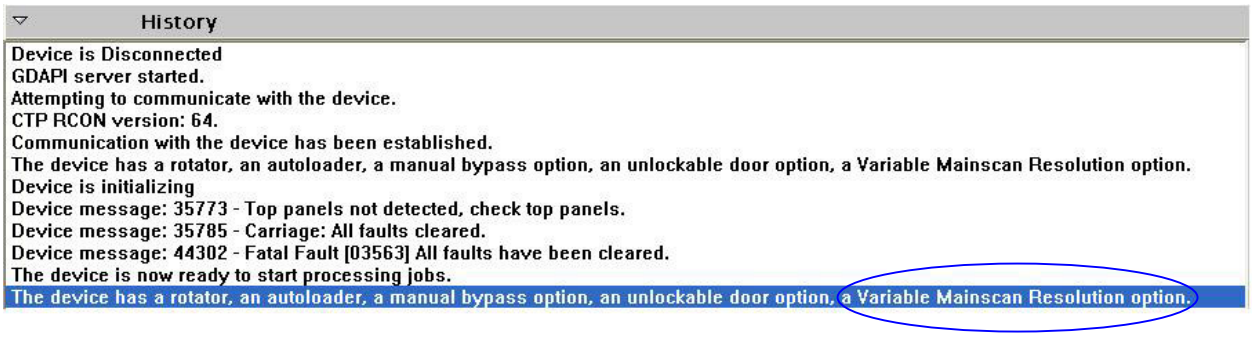
   `access enable`

   `option vmr enable`

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

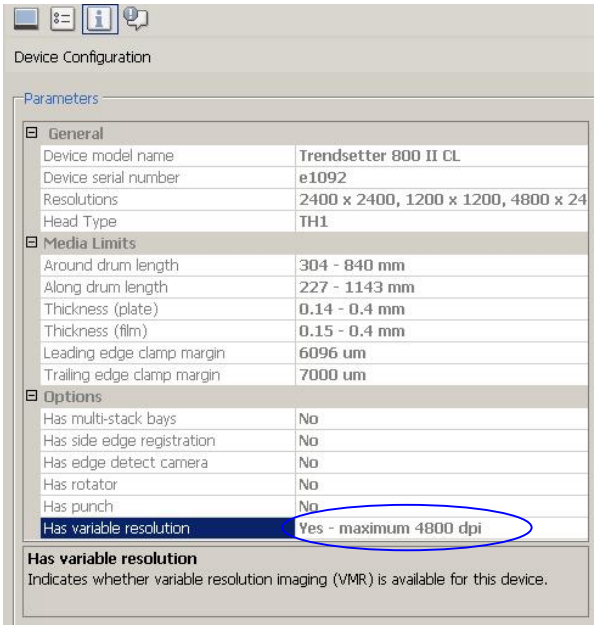
   For VMR 96 option: **`set mode x mscanresolution 9600`**

5. Reset the output device.
6. Start the *Kodak* Print Console software.
7. When device initialization completes, check the following:
   - In Print Console 3.x , the Variable Mainscan Resolution option should appear in the **History** pane.



- In Print Console 4.x, select **Tools > Device Configuration > Options**.

  Has variable resolution option should be set to **Yes** with the maximum resolution listed.



To set drumspeed for VMR jobs:

The drum speed may be limited on higher-resolution jobs. The table below lists the maximum drum speed allowed for each device-and-resolution combination. If the current drum speed for the media exceeds the number listed, follow the steps below to setup 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	Up to 9600 dpi
Trendsetter 400/800 II Quantum	400 rpm	200 rpm	100 rpm
Magnus VLF (4570 and 5183)	405 rpm	200 rpm	100 rpm
Magnus VLF (5570 and 6383)	330 rpm	165 rpm	83 rpm

1. In Service Shell, locate an empty media slot for the setup.
2. Enter the command **`prm hazardous media enable`**
3. 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.
4. Duplicate the **hdm settings** (or **med settings** for TH2) of the customer's plate in the new **hdm/med** slot. Use the same hdm/med name that you set in the media slot.
5. Set the new **drumspeed** according to the device and resolution range in the maximum drum speed table.
6. Set the **wpower** to (original **wpower** × new **drumspeed**/old **drumspeed**).

7. 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
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