Kodak

Magnus VLF

Controlled Release Installer for CR 4.0

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Revision History

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1. BACKGROUND

This Controlled Release (CR) installer will manage most of the steps required for installing Controlled Release 4.0 onto the workstation and Magnus VLF device.

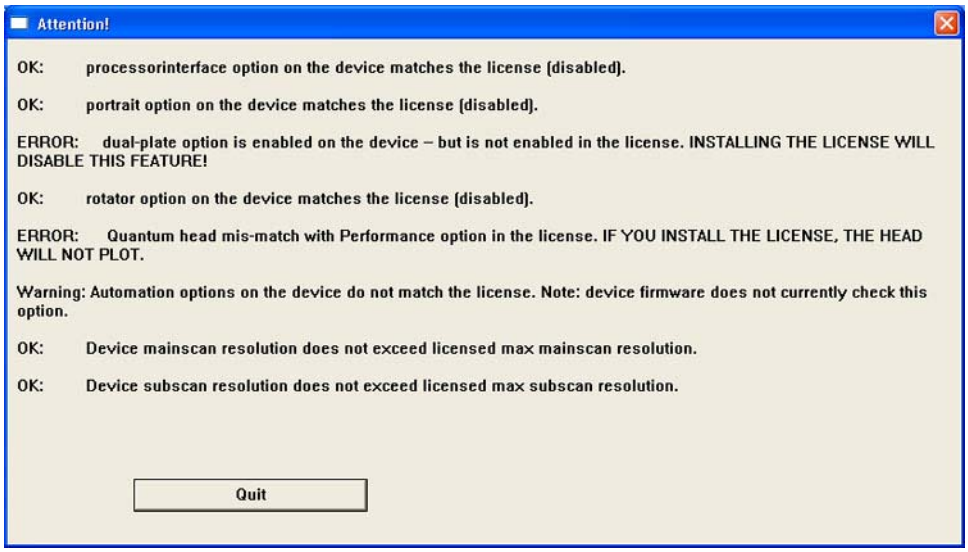
Read the CR release notes prior to running this installer for prerequisites and important information on installing this controlled release. To view the release notes for this CR, click the **View Release Notes** button located on the first screen of the CR Installer.

Note: You must have the Adobe Reader installed in order to view the release notes.

1.1 Minimum Requirements

When the CR installer is run, an error dialog may appear that will prevent the CR from being successfully installed. For example: The current user does not have administrator privileges on this workstation. After any problems have been solved, the CR installer must be restarted before the CR can be installed.

Run the script **VerifyDeviceLicense.spt** before upgrading from CR 2.0 to CR 4.0 and/or before installing the device license. This script will check the current device configuration against the device license file, and inform you of any potential problems before you start the upgrade or install the license. For example, it will inform you if there is a device option currently enabled which would be disabled if you installed the license. It will prompt you for the license file location, query the device for options and other configuration information, and present a dialog with a summary of all configuration options and licensed values, including any errors which should be addressed before proceeding with the upgrade. This script does not modify the device configuration or otherwise change the state of the device in any way. A sample of the script output dialog is shown below.



2. REFERENCE DOCUMENTS

- Print Console 4.3 Installation Guide
- SCON Firmware Installation Guide
- GMCE Core Firmware Guide
- TMCE to GMCE Upgrade Procedure

3. PREPARING THE DEVICE FOR INSTALLATION OF CR 4.0

Before running the CR installer:

1. Run the version check script from Service Shell (SS) for reference
2. Remove the power box cover to get access to the satellite boards.
3. Close Prinergy on the render station and close Prinergy Evo.
4. Close the SS client and host.
5. Close Print Console (PC).
6. Prepare the Service Shell service dongle—do not install it yet.
7. If you have not already done so, put the script in folder **ServiceShell\Scripts\device** and run the **VerifyDeviceLicense.spt** script to check the current device configuration. The script can be found in the patches directory of the Controlled Release CD.
8. Perform a firmware and Print Console backup. See **Program/Print Console/PC utility/save PC settings** for the PC backup.

4. RUNNING THE CONTROLLED RELEASE INSTALLER

During the install stage of the release, the CR installer will install files and components in the correct order to ensure the full set of components are installed and dependencies are met.

The primary mechanism used to install components is to launch the installers for the individual components. If all steps are not shown in this document, it is important to follow the prompts on the installer GUI and the CR release notes to ensure that the CR is completely and successfully installed. When all of the listed components have been completely installed and the progress bar reaches 100%, click the **Next** button to continue.

Select Product and Connection type

1. Run the CR 4.0 installer from the Controlled Release CD 4.0. If the CD does not auto start when inserted into the CR Rom run **CRinstaller.exe** on the CD.

2. The first step in installing the Controlled Release is to select the product configuration and connection type of the device on which you are installing it. The chosen configuration will influence which firmware and software components are installed, so it is very important to choose the configuration correctly.

Select the product type:

For Magnus VLF CR 4.0 the following product configurations are available:

- **Magnus VLF - GMCE with TH3 head:**

  For installing CR 3.0 and later on a Magnus VLF with GMCE electronics and a TH3 head. Note that the Magnus device must be connected, idle and turned on in order for this install to complete successfully.
- **Magnus VLF - GMCE with TH2 head**

  For installing CR 3.0 and later on a Magnus VLF with GMCE electronics and a TH2 head. Note that the Magnus device must be connected, idle and turned on in order for this install to complete successfully.
- **Magnus VLF - TMCE with TH2 head**

  For installing CR 3.0 and later on a Magnus VLF with TMCE electronics and a TH2 head. Note that the Magnus device must be connected, idle and turned on in order for this install to complete successfully.

Select the connection type:

The second step in installing the controlled release is to select the device connection type on which you are installing it. The chosen connection will influence which firmware and software components are installed, so it is very important to choose the configuration correctly.

For Magnus VLF CR 4.0 the following connection configurations are available:

- **GMCE/TMCE and head connected**

  For installing CR 4.0 on workstation that has both a device and head connected.
- **Workstation only (no GMCE/TMCE or head connected)**

  For installing CR 4.0 on workstation that will eventually be connected to a Magnus VLF with GMCE/TMCE electronics and a TH2/TH3 head. The device need not be connected to the workstation for this configuration.

- **GMCE/TMCE only (no Head connected)**

  For installing CR 4.0 on a Magnus VLF with GMCE/TMCE electronics and no thermal head. This configuration is primarily intended for testing/development workstations, but may be convenient for installs in the field. Note that the GMCE/TMCE board must be connected, idle and turned on in order for this install to complete successfully.

Preinstall Checklist

After the configuration is selected, the next page in the CR installer will display a list of warnings and items to consider. Read and follow these warnings to ensure that the CR will be successfully installed. Once you are sure you have read and followed each item, click **Next** to start the installation of the CR components.

Preparing For Installation

The CR installer will install Service Host and run the 'Versioner' application to determine the current versions of any components previously installed on the workstation. Once this stage of the install is complete, Click **Next** to continue to the next page to configure the installation.

Selecting Components to Install

Based on the version check that was done in the previous stage, a list of components will display which components must be installed, which components are not required to be updated, and which components are optional.

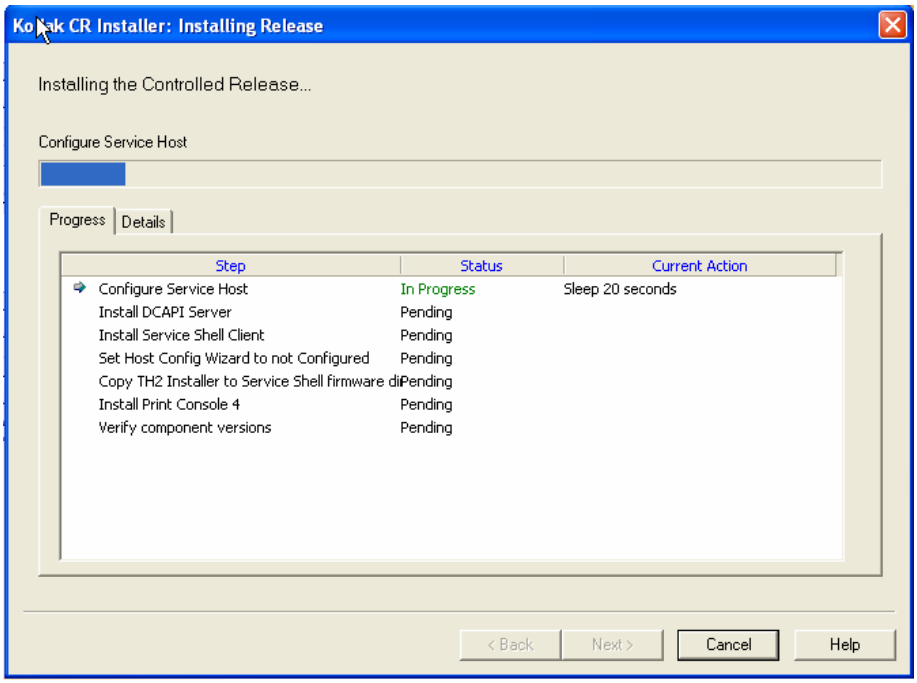
A green checked box indicates the component must be installed. An empty check box indicates the component is not installed by default, although the user has the option to install it if required.

Some components must be run and some have the option to be skipped. The 'Do not install this component' radio button option will be grayed out when the component must be run.

Review the list and ensure that all optional components are selected. Click **Next**.

4.1 Installing CR 4.0 on a Device with a TMCE

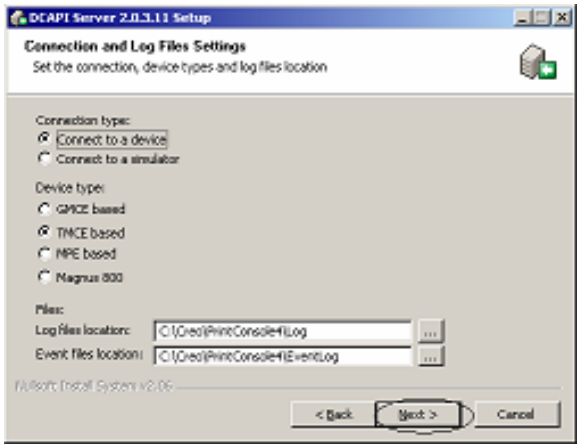
The installer shows a progress bar during installation.



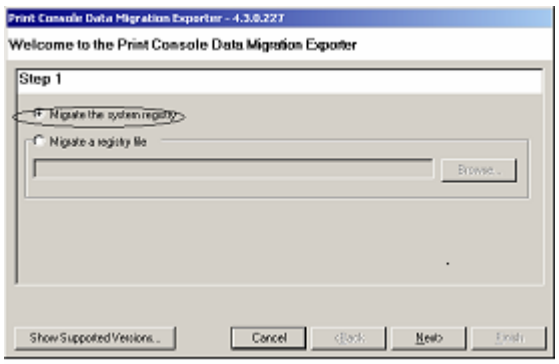
1. Install the CFL
2. Update License Definition file.
3. Install the service and customer dongles. Configure the Service Host.



4. Install the DCAPI server.

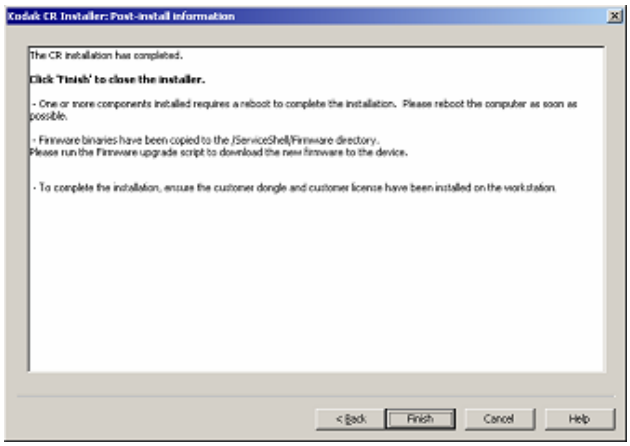


5. Install the Service Shell Client.
6. Install the Bootp files – note: this step does not install the bootp server but only bootp files.
7. Copy TMCE product firmware to the Service Shell firmware directory, copy TMCE core firmware to the Service Shell firmware directory and or copy TMCE satellite firmware to the Service Shell firmware directory. The installer copies the firmware binary files to the **serviceshell/firmware** directory so that they can be downloaded from Service Shell later on.
8. Install Satellite Firmware.
9. Copy TH2 firmware installer to the Service Shell firmware directory to the Service Shell firmware directory. The installer copies the TH2 firmware installer to the **serviceshell/firmware** directory so that it can be executed by the FirmwareUpgrade script later on.
10. Perform PC Migration Exporter setup. See Appendix C: Running Exporter Tool from the *Print Console 4.3 Installation Guide*. Note: this option is only required when upgrading from CR 2.0.



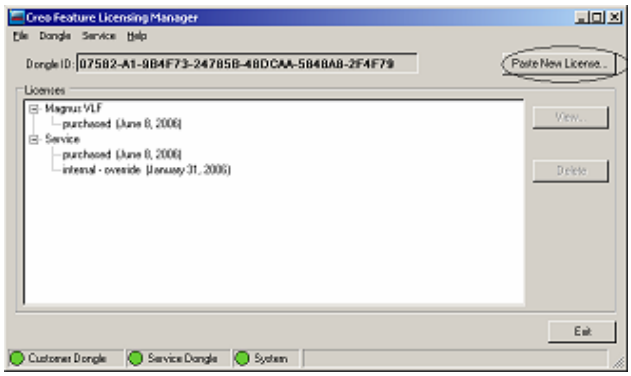
11. Install Print Console 4.
12. Install the Kodak Support Tools.

13. Perform the instructions given in the **Post Install Information** window before you click **Finish**.

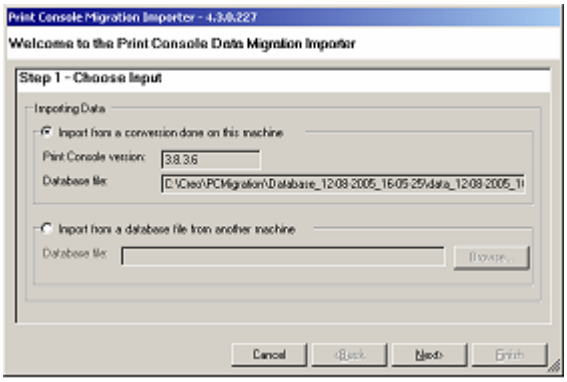


14. Run the version checker applet from Service Shell and confirm that the proper versions are detected and have the latest firmware. If the head firmware and MCE versions are not correct, run the firmware upgrade script from **serviceshell/script/device/firmwareupgrade** to upgrade the MCE and the TH2 head firmware. The satellite board versions should be already correctly updated by the scon installer.

15. Go to **Program/Creo Feature Licensing/Creo License Manager** and add a customer license.



16. Go to **Program/Print Console 4** and run the **Migration Importer** utility. See Appendix C: Migration Settings for Print Console in the *Print Console 4.3 Installation Guide*. Note: this option is only required when upgrading from CR 2.0.

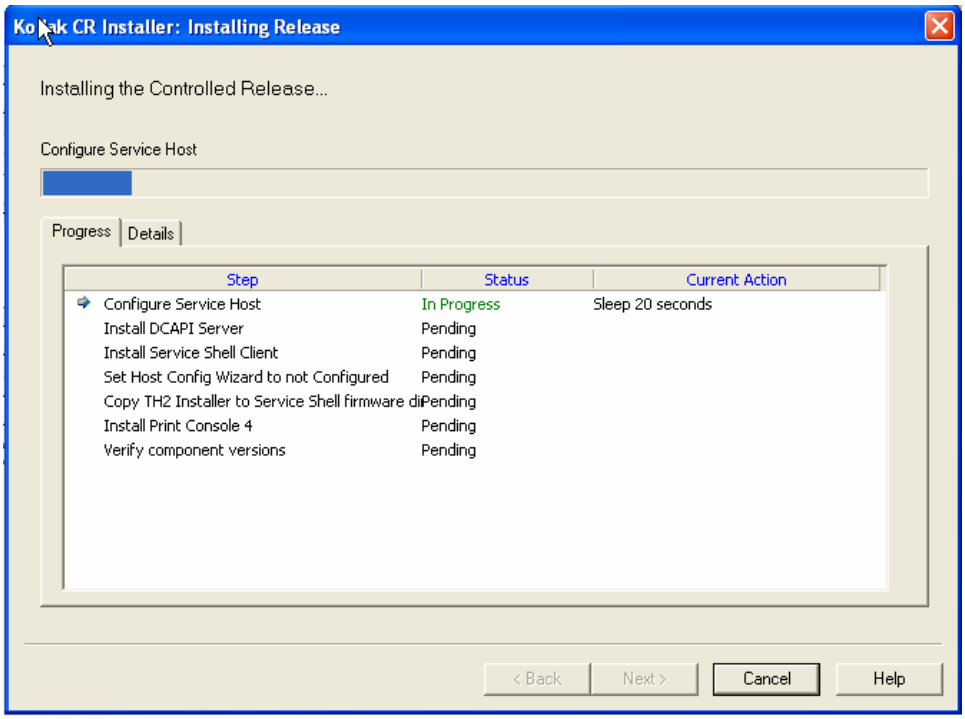


17. Click **Finish** and reboot the workstation.

18. Run the version check script from SS and confirm that all components are detected and have the latest firmware.

4.2 Installing CR 4.0 on a Device with a GMCE

The installer shows a progress bar during installation.



1. Install Creo bootp server.
2. Install Creo Feature License
3. Update License Definition files.

4. Install USB serial port driver.
5. Install customer and service dongles.
6. Configure the Service Host. Select a proper GMCE adaptor.



If the wrong adapter has been chosen, an **Invalid Connection** message appears when the device starts running.

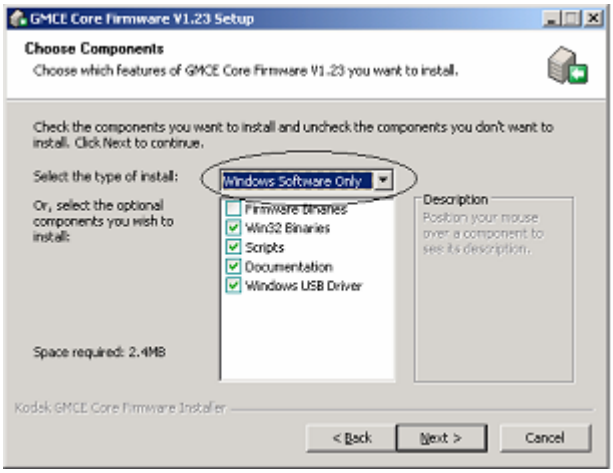
Abort CR 4.0 installation if Service Host configuration failed. Check that Static IP and Subnet Mask addresses are configured properly.

Run **ipconfig /all** from command prompt to verify the adaptor type and settings. See Installing the Gigabit Ethernet Adapter section of the *TMCE to GMCE Upgrade Procedure* for setting GMCE connection.

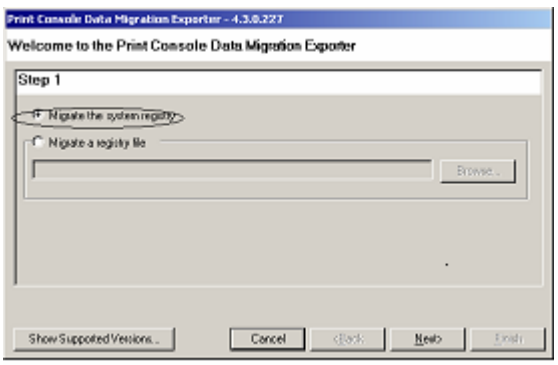
Restart the CR 4.0 Service Host installation.

7. Install the GMCE core and Xilinx firmware. See the *GMCE Core Firmware Guide* for reference.

Note: Select the **Windows software option** as the network adapter IP address that has not yet been configured.



8. Install the DCAPI server.
9. Install the Service Shell client.
10. Install the Magnus VLF GMCE product firmware.
11. For TH2 systems: Copy TH2 firmware installer to the Service Shell firmware directory. The installer copies the TH2 firmware installer to the **serviceshell/firmware** directory so that it can be executed by the FirmwareUpgrade script later on.
12. For TH3 systems: Install the TH3 firmware.
13. For TH3 systems: Install the TH3 diagnostics.
14. Install the Satellite Board firmware.
15. If you are upgrading from a TMCE to a GMCE, run the **PC Migration Exporter** setup. The installer runs this utility when PC 3.x has been detected. Note: this option is only required when upgrading from CR 2.0.



16. Install Print Console 4.
17. Install the Kodak Support Tools.
18. Perform the instructions given in the **Post Install Information** window before you click **Finish**.
19. Go to **Program/Creo Feature Licensing/Creo License Manager** and add a customer license.
20. Go to **Program/Print Console 4** and run the **Migration Importer** utility. See Appendix C: Migration Settings for Print Console in the *Print Console 4.3 Installation Guide*. Note: this option is only required when upgrading from CR 2.0.
21. Click **Finish** and reboot the workstation.
22. Run the version checker applet from Service Shell and confirm that the proper versions are detected and have the latest firmware. If the head firmware version is not correct, run the **FirmwareUpgrade.spt** script on **serviceshell/script/device/firmwareupgrade** to upgrade the TH2 head firmware.