

Magnus VLF

Controlled Release Installer for CR 3.0

Document Number
719-00612A-A

16 Jan 2006

Copyright 2006 Kodak. All rights reserved.

Revision History

Revision	Date	Author	Comments
1	13 Dec 2005	M.Zisman/A.Blignaut	Formatted and edited.
2	15 Dec 2005	A.Blignaut	Updated procedures with feedback from M.Zisman, M.Joy and F.Yeung.

CONTENTS

Revision History i

1. Background 1
   1.1 Minimum Requirements 1

2. Reference Documents 2

3. Preparing the Device for Installation of CR 3.0 2

4. Running the Controlled Release Installer 2
   4.1 Installing CR 3.0 on a Device with a TMCE 4
   4.2 Installing CR 3.0 on a Device with a GMCE 7

1. BACKGROUND

This Controlled Release (CR) installer will manage most of the steps required for installing Controlled Release 3.0 onto the workstation and Magnus VLF device.

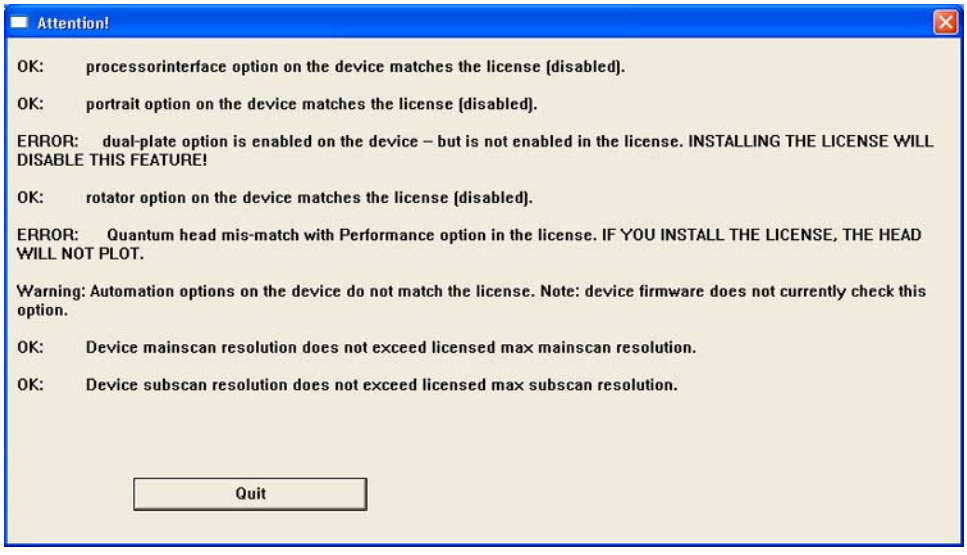
Read the CR release notes prior to running this installer for prerequisites and important information on installing this controlled release. To view the release notes for this CR, click the **View Release Notes** button located on the first screen of the CR Installer.

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 **VerifyMagnusVLFDeviceLicense.spt** before upgrading from CR 2.0 to CR 3.0 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 3.0

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 **VerifyMagnusVLFDeviceLicense.spt** script to check the current device configuration.
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

1. Run the CR 3.0 installer from **\creo\controlledrelease\MagnusVLF CR3.0\651-00128-x-x\CRinstaller.exe**.

2. Select the Product Configuration.
   For Magnus VLF CR 3.0, the following product configurations are available:

   - Magnus VLF - GMCE with TH3 head
     For installing CR 3.0 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 installation to complete successfully.
   - Magnus VLF - GMCE with TH2 head
     For installing CR 3.0 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 installation to complete successfully.
   - Magnus VLF - TMCE with TH2 head
     For installing CR 3.0 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 installation to complete successfully.
   - Magnus VLF - GMCE/TH3 workstation only (GMCE and TH3 installed later).
     For installing CR 3.0 on workstation that will eventually be connected to a Magnus VLF with GMCE electronics and a TH3 head. The device need not be connected to the workstation for this configuration.
   - Magnus VLF - GMCE/TH2 workstation only (GMCE and TH2 installed later)
     For installing CR 3.0 on workstation that will eventually be connected to a Magnus VLF with GMCE electronics and a TH2 head. The device need not be connected to the workstation for this configuration.
   - Magnus VLF - TMCE/TH2 workstation only (TMCE and TH2 installed later)
     For installing CR 3.0 on workstation that will eventually be connected to a Magnus VLF with TMCE electronics and a TH2 head. The device need not be connected to the workstation for this configuration.
   - Magnus VLF - GMCE, no thermal head
     For installing CR 3.0 on a Magnus VLF with GMCE electronics and no thermal head. This configuration is primarily intended for testing/development workstations, but may be convenient for installations in the field. Note that the GMCE board must be connected, idle, and turned on in order for this installation to complete successfully.
   - Magnus VLF - TMCE, no thermal head
     For installing CR 3.0 on a Magnus VLF with TMCE electronics and no thermal head. This configuration is primarily intended for testing/development workstations, but may be convenient for installations in the field. Note that the GMCE board must be connected, idle, and turned on in order for this installation 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 grey arrow indicates the component must be installed. This component is out of date and/or mandatory and can not be deselected.

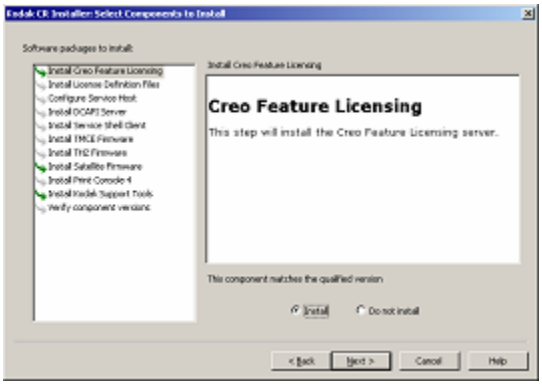
A green arrow indicates the component will be installed by default, although the user has the option to not install it.

A green arrow with a red X indicates the component is not installed by default, although the user has the option to install it if required.

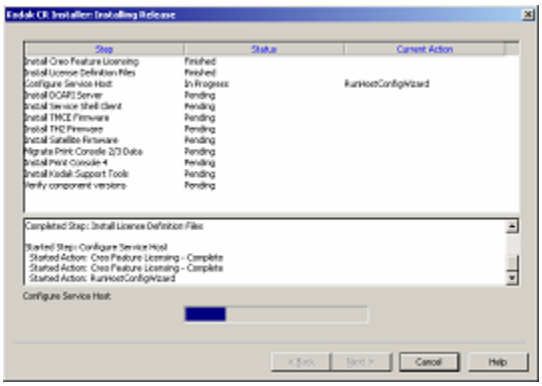
Review the list and ensure that all optional components are selected. Click **Next**.

4.1 Installing CR 3.0 on a Device with a TMCE

1. Install the CFL and License Definition file.

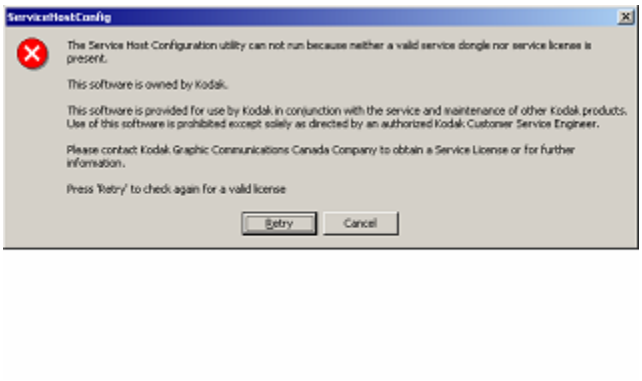


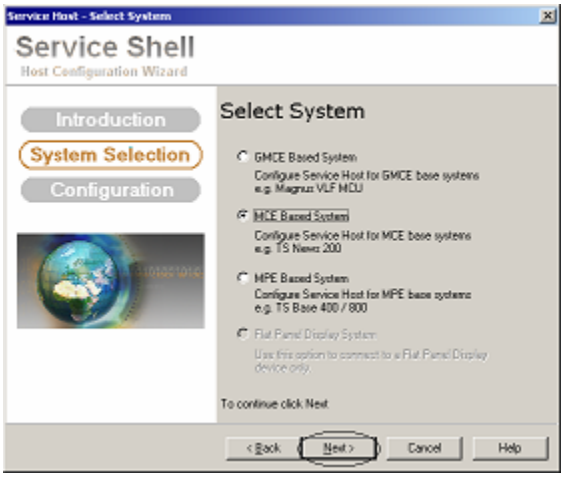
The installer shows a progress bar during installation.



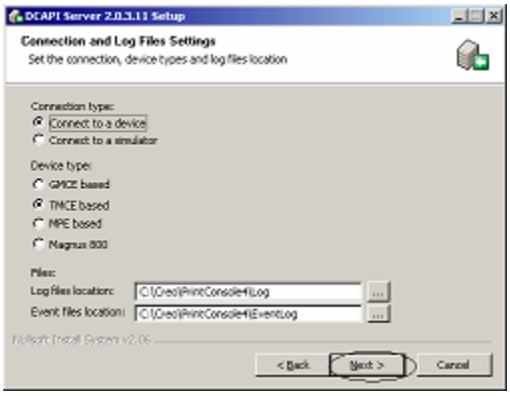
2. Install the service and customer dongles.

3. Configure the Service Host. A synchronization timeout may occur during Service Host configuration. Click **Retry** to continue.





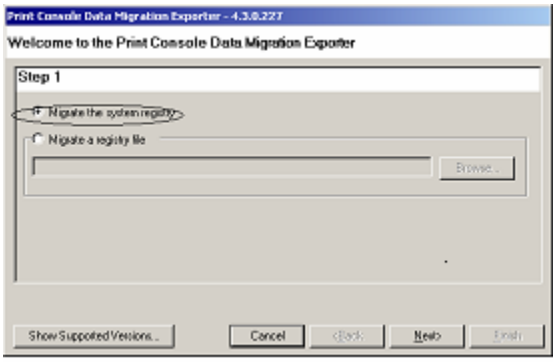
4. Install the DCAPI server.



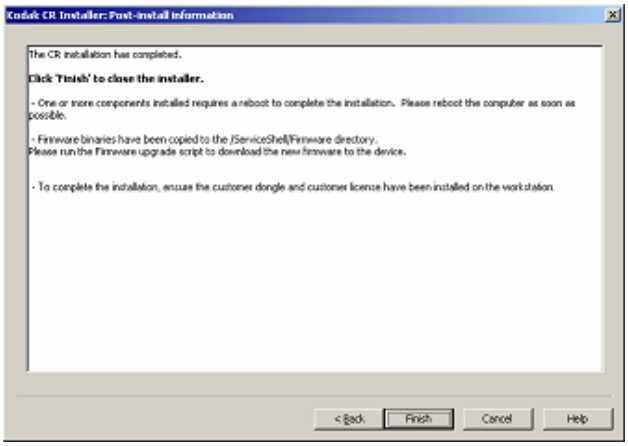
5. Install the SS Client.

6. Set up the TMCE and TH2 firmware. The installer copies the firmware binary files to the **serviceshell/firmware** directory so that they can be downloaded from SS later on.

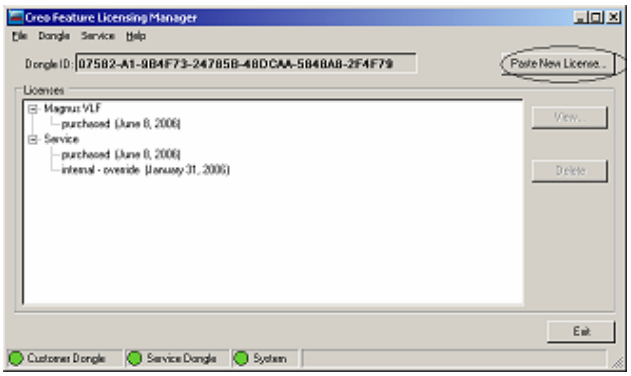
7. Perform PC Migration Exporter setup. See Appendix C: Running Exporter Tool from the *Print Console 4.3 Installation Guide.*



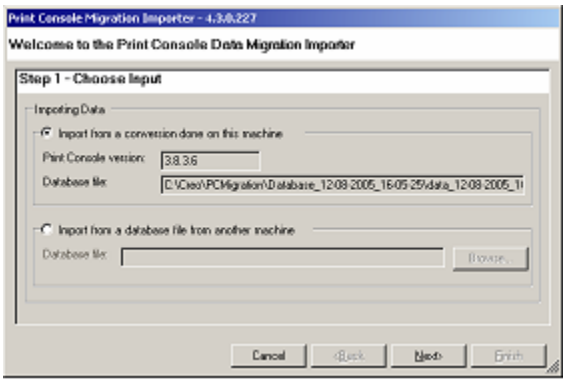
8. Install PC 4.3.
9. Install the PC support tools.
10. Perform the instructions given in the **Post Install Information** window before you click **Finish**.



11. Launch SS and run the firmware upgrade script from **serviceshell/script/device/firmwareupgrade.**
12. Go to **Program/Creo Feature Licensing/Creo License Manager** and add a customer license.



13. 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*.



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

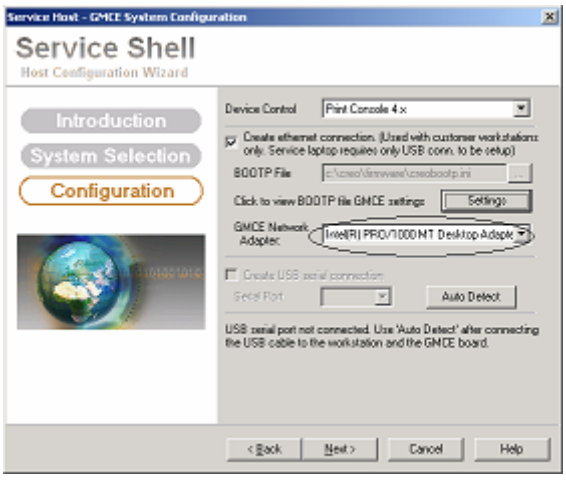
15. Run the version check script from SS and confirm that all components are detected and have the latest firmware.

4.2 Installing CR 3.0 on a Device with a GMCE

1. Install Creo bootp server.
2. Install Creo Feature License (CFL) and License Definition file.
3. Install customer and service dongles.
4. Configure the Service Host.

   A synchronization timeout may occur during Service Host configuration. Click **Retry** to continue.

   Select a proper GMCE adaptor.



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

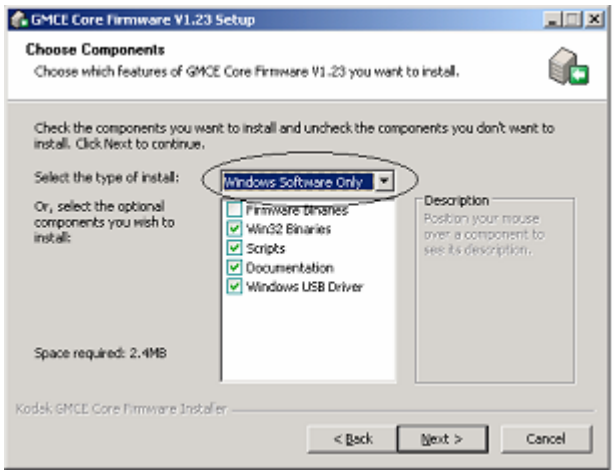
   Abort CR 3.0 installation if Service Host configuration failed. Check that Static IP and Subnet Mask addresses are configured properly.

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.

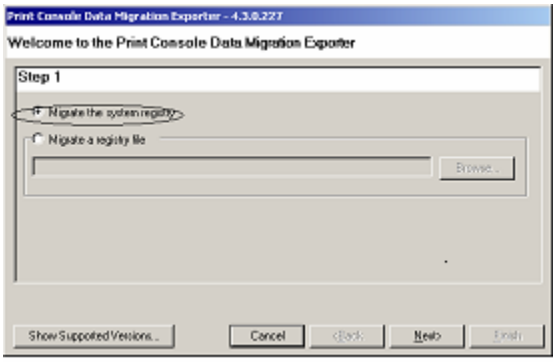
Restart the CR 3.0 Service Host installation.

5. Install the GMCE core 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.



6. Install the DCAPI server.
7. Install the SS client.
8. Install the Magnus VLF GMCE product firmware.
9. Install the TH3 firmware.
10. Install the TH3 diagnostics.
11. Install the satellite board's firmware.
12. 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.



13. Install PC 4.3.
14. Install the PC support tools.

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

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

17. 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*.

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

19. Run the version checker script from SS and confirm that all satellite boards are detected and have the latest firmware. If board firmware is missing or has an old version, run the **SconFirmware1.20.exe** on CR 3.0 CD and follow the prompts. See section 3 of the *SCON Firmware Installation Guide*.