



**IMPORTANT:**  
Refer to [www.extron.com](http://www.extron.com) for the complete user guide and installation instructions.

# VNM Enterprise Controller Replacement Compact Flash Card • Setup Guide

This setup guide describes how to replace an existing VNM Enterprise Controller Compact Flash (CF) card. When the card is replaced, the Enterprise Controller will be returned to the default configuration and can then be configured for the system in which it will be used.

The replacement CF card is configured with the following Extron factory default settings:

- IP address: 192.168.254.254
- Username: admin
- By default, no password is assigned.

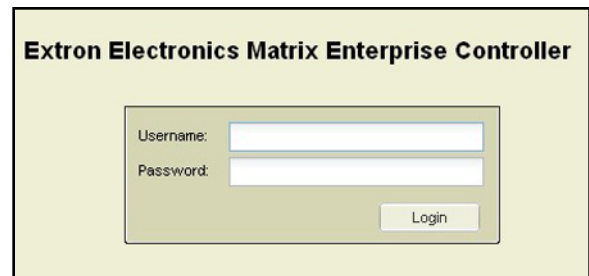
**NOTE:** This procedure assumes the user knows the current password and IP address for the controller.

## Saving the Enterprise Controller Configuration Settings

Before replacing the Enterprise Controller CF card, follow the steps below to collect information about the current system configuration. The information can be copied and pasted into a text program (for example, Notepad).

**CAUTION:** All of the information that is saved in this section must be accurately saved so that it can be re-entered into the Enterprise Controller after installing the compact flash card.

1. Ensure the Enterprise Controller has a CF card installed.
2. Switch on the Enterprise Controller and connect it to a control PC, via the network.
3. Open the control PC web browser program.
4. Enter the IP address of the Enterprise Controller into the browser address bar and press <Enter>.
5. At the login page, enter the username and password (see the figure to the right). Click **Login**.



**NOTE:** The default username is admin. By default, no password is required. Be aware that the password may have changed. Entries are case sensitive.

The Enterprise Controller web page opens.

6. Select the **Configuration** tab, then **System Config** from the menu on the left (see the figure to the right).
7. In the Controllers box:
  - Click on the IP address of **this** Enterprise Controller.
  - Click on the **License** button. From the Controller License Management window, note the **Options**, **Checksum**, and **Serial Number** values.

**CAUTION:** The licensing information must be noted accurately. Copying incorrect data to the new installation will result in a non-functional unit.



## Installing the Compact Flash Card

**NOTE:** The replacement card must be programmed with the correct operating system and Enterprise Controller application files.

1. Switch off the Enterprise Controller and remove the front cover plate from the CF drive.
2. Eject the CF card from the CF drive and insert the replacement CF card.
3. Replace the CF drive cover.

## Configuring the Enterprise Controller

Use the following procedures to configure the new CF card.

### Setting the Serial Number

1. If they are not already connected, connect a mouse, keyboard, and monitor to the Enterprise Controller.
2. Apply power and switch on the Enterprise Controller.
3. When fully booted, log on with the username of root and the password of Extron2010.
4. At the prompt [root@singleton ~]#  
Type cd scripts  
Press <Enter>
5. At the prompt [root@singleton scripts]#  
type ./set\_serial.sh xxxxxx  
where xxxxxx is the serial number of the Enterprise Controller, which was saved in step 7 on page 1.
6. Press <Enter>  
A script runs, which enters the serial number into the Enterprise Controller.
7. At the prompt [root@singleton ~]#  
type reboot  
Press <Enter>  
  
The Enterprise Controller reboots.

### License Configuration

1. Once the Enterprise Controller has rebooted and is connected to the control PC via the network, open the PC web browser, enter the IP address of the Enterprise Controller into the browser address bar and press <Enter>.

**NOTES:**

- By default, the new card has an IP address of 192.168.254.254.
- The control PC requires an IP address within the range of 192.168.254.xxx to connect to the Enterprise Controller.

2. In the **Username** field of the login page, enter admin. By default, nothing is required for the **Password** field. Click **Login**.
3. Select the **Configuration** tab.
4. Under **System Properties**, select **System Config** from the menu on the left of the screen.
5. In the controllers box, click the **Add** button. Enter the IP address of **this** controller. Click **OK** to save. When the dialog box closes, click **Apply Changes** to save the settings.
6. In the Controllers box, select the IP address of **this** controller. Click on the **License** button.
7. Enter the information gathered in step 7 on page 1.

**CAUTION:** The licensing information must be entered accurately. Any errors in copying the data to the new installation will result in a non-functional unit.

**NOTE:** When updating the license information, there is no feedback to say that the settings have been accepted.

8. To check the license data, reboot the Enterprise Controller, reconnect to the Enterprise Controller using the control PC browser, and view the information contained in the License Management dialogue.

The information in the License Management dialogue takes several seconds to appear after reboot has completed. If the data does not appear, close the dialogue box, wait for ten seconds and retry. If the data is still not present, enter the serial number and license data again.

The Enterprise Controller is now ready to be configured for the VN-Matrix system. For precise details of the configuration, refer to the user guide (available at [www.extron.com](http://www.extron.com)).

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