



READ THIS FIRST

CR Series Software and Firmware Update

If you are adding new CR Series frame(s) to an existing Miranda Compact Router network, it is **mandatory** that you also obtain the new CRSC (configuration software) and the new .CRF firmware file.

Both of these are available on the CD (SB0033-14 or later) you received with your shipment.

Procedure

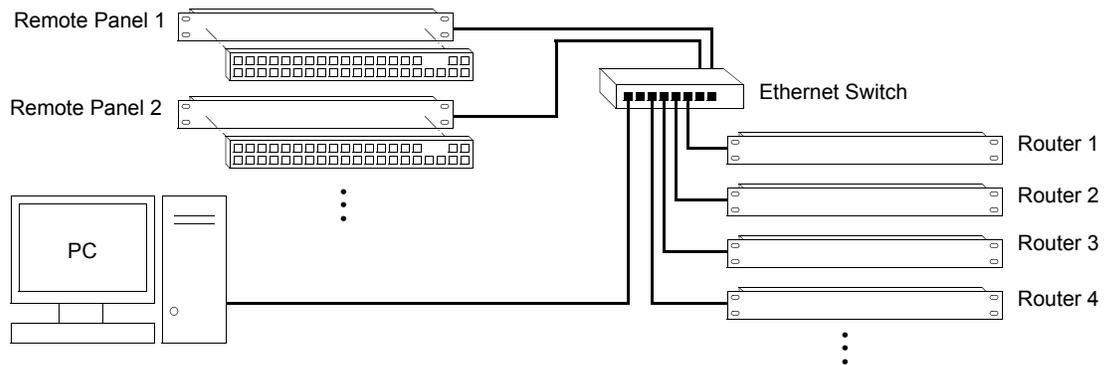
Follow these steps:

- 1 Insert the CD (SB0033-xx) in your PC's CD drive. Wait a moment for the installation window to appear. Choose 'CR Series Routing Products'.
- 2 Click 'Install CRSC' to install the configuration software on your PC. (You need not delete old copies of CRSC.)
- 3 Again choose 'CR Series Routing Products'. Then click 'Browse CD'.
- 4 You will see a firmware file named
CRFIRMWARE_yymmdd.CRF
- 5 Copy that .CRF firmware file from the CD to your PC.
- 6 Delete or archive any old .CRF files. Do not use any older .CRF files with new CR Series products.
- 7 Use CRSC to update the firmware in **all** your old CR Series products. See *Firmware Update*, following.

Firmware Update

Follow these steps to update the firmware of all your CR Series routers and remote panel modules:

- 1 Launch (the new) CRSC.
- 2 Connect your new routers or remote panels and PC to the existing Compact Router network. Remember to set the "frame ID" rotary switch to the proper position for your network. If you need help, please refer to the Quickstart Guide (included with this shipment) or the on-line help guides in the CRSC program.



- 3 Perform a system-wide 'Firmware Update':

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a In CRSC, switch to the 'Firmware Updates' page.

Administrative Tools

- Firmware Updates **A**
- Lock Maintenance
- Setup NV9000 Remote Panel

Select	Name	Frame Type	IP Address	Boot (uC) Version	Application (uC) Version	Firmware (FPGA) Version
<input checked="" type="checkbox"/>	RP32	RP32	192.168.97.51	SV0770-01A0 Version 1.2.0.0	SV0827-053 Version 6.0.0.18	SV0644-01A0 Version 1.0.0.0
<input checked="" type="checkbox"/>	RP16	RP16	192.168.97.52	SV0770-01A0 Version 1.2.0.0	SV0827-053 Version 6.0.0.30	SV0636-01A0 Version 1.0.0.0
<input checked="" type="checkbox"/>	AES	CR3232-A...	192.168.97.103	SV0770-01A0 Version 1.2.0.0	SV0773-053 Version 6.0.0.18	SV0632-02A0 Version 2.0.0.0
<input checked="" type="checkbox"/>	CR1816-AV	CR1816-AV	192.168.97.105	SV0770-01A0 Version 1.2.0.0	SV0794-053 Version 6.0.0.12	SV0680-01A0 Version 1.0.0.0

Options

B Select All Select None Only update if versions are different Stop Update...

Refresh Frames Selected Frame Options

Refresh List **C** Update Firmware... Reset Frame(s)... View Past Update Logs...

b Click 'Select All' so that you can update all routers and remote panel modules.

c Click 'Update Firmware'.

d Browse to locate, and then select, the new .CRF file you obtained from the CD.

e The update will run to completion unless you click 'Stop Update'.

When the updates are complete, the software notifies you with a detailed report. It is recommended that you save this report.