



Upgrading from an NV915 to an NV9000

Changing your router control system from an NV915 to an NV9000 is a very simple operation.

There are three basic steps to take:

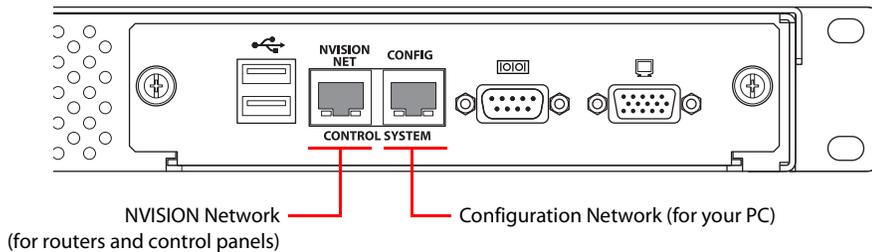
- Moving the network connections.
- Transferring the control system configuration.
- Resetting the control panels.

During the change-over, the routers in the system remain unchanged. Their state, including the status of their crosspoints, is stored in non-volatile memory in the routers. The state of the routers is unaffected by a system change or for that matter by a configuration change or a system fail-over (if the control system has a stand-by controller).

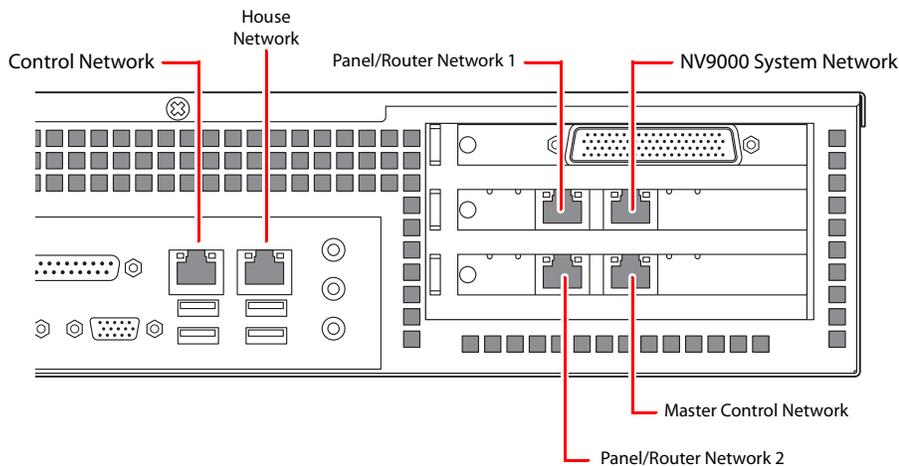
During the change-over, control panels in the system remain unchanged. Their configurations transfer with the system configuration.

Network Connections

The NV915 has two network connections:



The NV9000 typically has more than two network connections:



To change the connections,

- 1 Move the Ethernet connector from the 'Config' port of the NV915 to the house network port of the NV9000.
- 2 Move the Ethernet connector from the 'NVISION Net' port to either one of the panel/router network ports of the NV9000.

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- 3 Connect power and make other connections that might be necessary.

System Configuration

Because you have an operating NV915 system, we presume that you have a saved NV915 configuration accessible to your configuration PC.

If you are in doubt, obtain the current configuration from the NV915. You'll want to do this before you disconnect the NV915 from your configuration PC. Take these steps:

- 1 Launch NV9000-SE Utilities on your PC.
- 2 Go to the System Management page and click 'Read Configuration from ...'.
- 3 When the read has finished, choose 'Save As...' from the 'File' menu to save the configuration. Use a configuration name that is identifiable as the one you are planning to transfer to the NV9000.

Transferring the Configuration

When your NV9000 is connected and running, take these steps:

- 1 Choose 'Add Control System' from the 'System' menu. Enter the name and IP address of the NV9000. These can be the same as the name and IP address of the NV915 you removed from the system.
- 2 From the 'File' menu, open the configuration from the NV915.
- 3 Go to the 'System Management' page and click 'Write Configuration to ...'.
- 4 Wait until the write has finished.

When the NV9000 system starts, it reads the state of all the routers (including their crosspoints) in the system.

Resetting the Panels

To ensure that the NV9000 system identifies existing and any new panels correctly:

- 1 Go to the 'System Management' page and choose 'Control Panels ...' under the navigation pane. The control panels page appears.
- 2 Click 'Reboot ALL Control Panels'.
- 3 Wait for the reboot to complete.

At this point, the transfer process is complete.

Additional Considerations

The NV9000 has limits that exceed that of the NV915. It supports many features that the NV915 does not. Certain control panel features are available under the NV9000 that were not available under the NV915.

In particular, the NV9000 supports a master control network and has options for NICs that support multiple serial ports.

You may now put those NV9000 features to use. Consult Miranda technical support or Miranda documentation to determine the features in which you are interested.