

DHCP is not recommended for use with SmartView or TP7

The D in DHCP stands for Dynamic, which means that an NRC that is set for DHCP may have its IP address changed by the DHCP server on a schedule determined by the network configuration of that server. All of the other software that is looking for that NRC at its old address will then be unable to find that NRC because its address changed.

There are two ways to prevent this from happening:

1. As noted on page 6 of the [NRC User's Manual](#), "Your network administrator will need to ensure that the NRC is assigned the same IP address every time by the DHCP server."
2. The more reliable and recommended solution is to not use DHCP to begin with. Instead, assign each NRC a unique static IP address at the outset, during the NRC configuration process. Static, manual addressing is the default setting in the NRC Configuration Utility.

Static addressing is particularly preferred when using the TP7 touchscreen controller as the user interface for the NRC, since the TP7 needs to be configured with the IP address(es) of the NRC(s) that it is meant to control.

For ease of reference when an NRC needs to be reconfigured (such as when replacing any of the devices that the NRC controls), it is further recommended that each NRC be labeled with its IP address. Each is labeled out of the box with its default IP address of 192.168.1.100 via a sticker on the bottom surface.