

PHUs – DHCP or STATIC ASSIGNMENT

As part of the conversion, the install teams are loading a file from a USB drive that defaults the Duke PHUs to DHCP mode. This addresses any locations where the PHUs may have had a static address when previously on the Visor's sub-network. If the restaurant's network requires static assignment for PHUs, that can be accommodated also, but is not performed unless advised by the customer.

Below are the two processes to set a PHU to either DHCP or assign STATIC details. Determination of what to use depends on if the Chef and PHUs are on a DHCP server or a managed network.

DHCP Mode

1. Disconnect Cat5 cable from PHU.
2. Turn PHU on.
3. Allow displays to move beyond "spinning bars" and display either temperature or product names.
4. Insert **DHCP** USB drive.
5. Within 20 seconds, displays should go to "spinning bars".
6. Remove USB drive.
7. Delete any files other than SSI_CMD.XML that may have written to the USB drive.
8. Repeat for each remaining PHU at the restaurant.

OR assign to STATIC

1. On **DHCP** USB drive, open "SSI_CMD.XML" file on laptop with NOTEPAD or text editor.
2. Edit file to change the IP, GATEWAY, and NETMASK to the desired settings such that the PHU will be recognized on your network. This will need to be on the same network as CHEF.

Here is an example of the editable contents of the **SSI_CMD.XML** file (**filename should NOT change from SSI_CMD.XML**):

```
<REQ><TYPE>SSI</TYPE><IP>192.168.1.100</IP><SM>255.255.255.0</SM><SG>192.168.1.1</SG></REQ>
```

Legend:

IP ADDRESS – Input PHU IP

NETMASK – Same as CHEF NETMASK

GATEWAY – Same as CHEF GATEWAY

3. Save the edited "SSI_CMD.XML" file to a root directory of a blank USB drive.
4. Disconnect Cat5 cable from PHU.
5. Turn PHU on.
6. Allow displays to move beyond "spinning bars" and display either temperature or product names.
7. Insert USB drive.
8. Within 20 seconds, displays should go to "spinning bars".
9. Remove USB drive.
10. Delete any files other than SSI_CMD.XML that may have written to the USB drive.
11. EDIT details on the SSI_CMD.XML file and repeat load for the next PHU.

Regardless if PHUs are set to DHCP or STATIC, after performing the above, the PHU should be able to be seen on a network scan. IPs or MAC addresses can then be input into the PHU setup on the Chef Portal.

Duke PHUs will have one of the 4 starting MAC address ranges:

Duke PHU Starting MAC addresses

MAC	Vendor
D8:80:39	Microchip Technology Inc.
54:10:EC	Microchip Technology Inc.
00:1E:C0	Microchip Technology Inc.
00:04:A3	Microchip Technology Inc.