

# IP Phone Programming Shortcuts for BCM

## Changing or Viewing a Configuration

1. Power Cycle the set
2. When the text "Nortel Networks" appears, press each of the 4 softkeys below the display screen starting from left, and proceeding in sequence to the softkey on the right.
3. This will bring up a viewing menu for changing the data.
4. DHCP considerations:
  - a. Full – requires customary configuration of Windows DHCP server
  - b. Partial – Gives IP address, Mask and Gateway only – All other configuration information manual
  - c. Manual – 100% manual configuration of set including IP address

Field	Value	Description
DHCP	0 or 1	Enter 0 if your network is not using a DHCP server to dispense IP addresses. (Partial DHCP) Enter 1 if your network does use a DHCP server. If you choose to use a DHCP server rather than allocating static IP addresses for the IP telephones, skip the

  

Field	Value	Description
If DHCP = 0		
SET IP	<IP address>	The set IP must be a valid and unused IP address on the network to which the telephone is connected.
NETMASK	<subnet mask address>	This is the subnet mask. This setting is critical for locating the system to which you want to connect.
DEF GW	<IP address>	Default Gateway on the network (for example, the nearest router to the telephone. The router for IP address W.X.Y.Z is usually at W.X.Y.1). If there are no routers between the telephone and the system network adaptor to which it is connected, (for example, a direct HUB connection), then enter the Published IP address of the BCM as the DEF GW. If the IP telephone is not connected directly to the Published IP address network adaptor, set the DEF GW to the IP address of the network adaptor to which the telephone is connected.

If DHCP = 1		
Manual Cfg? DHCP:	Full = 0 Partial = 1	If you indicate DHCP for the telephone, but you want to enter static IP addresses, choose 1 (Partial). If you choose 0 (Full), the DHCP server assigns IP addresses that are not static.
If DHCP = 0 or Partial		
S1 IP	<IP address>	This is the Published IP address of the first system to which you want to register the telephone.
S1 PORT	Default: *7000	This is the port the telephone uses to access this system.
S1 ACTION	Default: 1	
S1 RETRY COUNT	<digits between 0 and 255>	Set this to the number of times you want the telephone to retry the connection to the system.
S2 IP	<IP address>	This is the Published IP address of the second system to which you want to register the telephone. It can be the same as the S1 setting.
S2 PORT	Default: *7000	This is the port the telephone uses to access this system.
S2 ACTION	Default: 1	
S2 RETRY COUNT	<digits between 0 and 255>	Set this to the number of times you want the telephone to retry the connection to the system.
VLAN	0: No VLAN 1: Manual VLAN 2: Automatically discover VLAN using DHCP	Choose 0: NO VLAN if there is no VLAN on the network. If you do not have DHCP on the network, or if DHCP is supplied by a remote server, select number 1 and enter the VLAN ID*. If you have the system DHCP active on your system, select number 2 if you want DHCP to find the VLAN assignment automatically. *VLAN is a network routing feature provided by specific types of switches. To find out if VLAN has been deployed on your system, check with your network administrator. If VLAN is deployed, the system administrator responsible for the switch can provide the VLAN IDs for your system.

### Deleting a DN from an IP phone

1. Feature \*\*47335xxx# removes the DN xxx from the system
2. The default password for these codes is 266344