

# Kilvington IP Phones

The IT and Marketing teams located at Kilvington Drive use NEC DT800 IP handsets as desk phones

These phones are connected to the core switch stack in the Kilvington comms rooms and are configured to use VLAN mode on both the LAN and PC ports.

The phones are provided with an IP address via the DHCP server located on pbr-wsus-kl1.

The reason the handsets operate in VLAN mode is due to a bug with Cisco SG300 switches which causes the core stack to reboot in certain scenarios when using LLDP.



**Configuring an NEC Handset to use VLAN Mode at Kilvington Drive**

Before following these steps ensure that the associated switch port has been tagged for VLANS 100 and 134.

1. Press the **Menu** key. (Note if the phone is first booting up you may have to wait 20 seconds before you can get into setup.) If the phone is already booted up you will have to press the **Menu** key and dial (0) on the key pad.
2. When prompted for credentials, enter the credentials below and press the **OK** key:

User name: ADMIN

Password: 6633222

3. Press 1 to get into **Network Settings** and then 6 for **Advanced Settings**
4. Press 1 for **LAN Port Settings** and 2 for **VLAN Mode**
5. Select **Enable** and press the **OK** key:
6. Press 3 for **VLAN ID**
7. Enter 100 and press the **OK** key
8. Press the **Exit** key
9. Press 2 for **PC Port Settings** and 2 for **VLAN Mode**
10. Select **Enable** and press the **OK** key:
11. Press 3 for **VLAN ID**
12. Enter 134 and press the **OK** key
13. Press the **Exit** key
14. Keep pressing **Exit** and then select **Save** when it is displayed. The handset will reboot.

**The phone has now been configured to use VLAN mode with the correct VLAN IDs.**

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Revision #2

Created 2023-01-18 14:10:38 UTC

Updated 2026-05-08 05:39:55 UTC by PBR\_AI