Wireless Access Point Installation Checklist

Ask your IT department to complete this form please.

Dear IT Dept,

We intend to install a wireless Access Point in the warehouse today.

Connecting to that access point will be _____ mobile computer(s) .

Can you please answer these questions:

1. Do we have a DHCP Server?

    Yes continue   **No** go to question 12

2. Do you want the Access Point to have a fixed or dynamic IP address.

    Fixed IP address _____ . _____ . _____ . _____ (no, leave blank)

    Dynamic – will be assigned by DHCP server

3. What is the size of the DHCP pool? _____

4. What number does the pool start at and end at? _____ to _____

5. Does our company have any wireless security policies that we must adhere to?

    Yes Continue   **No** go to question 11

6. What encryption do we have to use?
    a. WEP 40 bit
    b. WEP 64 bit
    c. WEP 128 bit
    d. TKIP
    e. AES
    f. None (not recommended)

7. Do we have to activate MAC address filtering?   **Yes**   **No**

8. Do we have Authentication? Refer to Authentication checklist document.
   a. EAP-FAST
   b. EAP-TLS
   c. LEAP
   d. PEAP
   e. TTLS

9. What ESS ID names can or can't we use?

10. Do we have to hide the ESS ID?   Yes   No

Other policies to follow: (please provide the document if possible)

11. Your Company does not have any wireless policies. As a minimum we would recommend the following:

a) Encryption level of at least 'TKIP'

b) MAC address filtering is optional, but recommended. MAC address filtering is only allowing your mobile devices to talk to your access point. Any other device is denied access.

c) Authentication for small sites is usually not installed.

d) Avoid using an ESS (network) ID that tells hackers your Company name. Instead of using MyCompany as the network ID use '123'. That is less obvious.

e) Hiding the ESSID is not necessary if your Company name is not in the ESSID.

Other Notes:

_____

_____

_____

12. What is our IP number? _____ . _____ . _____ . _____

13. What is our subnet mask? _____ . _____ . _____ . _____

14. What is our DNS? _____ . _____ . _____ . _____

15. What is our Gateway? _____ . _____ . _____ . _____

16. What is our WINS? _____ . _____ . _____ . _____

17. What is the host IP address? _____ . _____ . _____ . _____

18. What terminal emulation shall we use? (please circle) Ignore this question if you are connecting to a web server or some other application.

Unix system   VT100   VT220   HP

IBM mainframe   5250   3270

19. Is port 23, the default, ok to use?   No, use port# _____

20. Do we have a proxy server? _____ . _____ . _____ . _____ (no, leave blank)

Port Number for Proxy Server: _____ (no, leave blank)

21. IP address to use for the access point? _____ . _____ . _____ . _____

22. Shall we make the Access Point a DHCP Server?   [Yes]   [No]

If yes, what pool of IP addresses shall we provide, from _____ to _____

If no, what IP address will each mobile be given?

Mobile Computer 1, IP address _____ . _____ . _____ . _____

Mobile Computer 2, IP address _____ . _____ . _____ . _____

Mobile Computer 3, IP address _____ . _____ . _____ . _____

Mobile Computer 4, IP address _____ . _____ . _____ . _____

Access Point Installation Notes

First time you start the AP the:

      user name is: admin

      password is: Motorola or motorola

You must change the password immediately.

NEW Password: _____

Model Number: _____

Aerials: 2   4

Serial Number: _____

Date Installed: _____

Fixed IP Address or provided by DHCP: Fixed DHCP (please circle)

IP Address of AP: _____ . _____ . _____ . _____

ESSID: _____

Email address: _____

(The email address that the AP will send messages to)

Encryption selected:

WEP 40 bit   Key: _____

WEP 64 bit   Key: _____

WEP 128 bit Key: _____

Or passphrase: _____

TKIP   Passphrase: _____

AES   Passphrase: _____

MAC address filtering　　　ON　　OFF

If on, what are the MAC addresses of the devices 'Allowed'

Mobile Computer 1, IP address ＿＿＿ . ＿＿＿ . ＿＿＿ . ＿＿＿ . ＿＿＿ . ＿＿＿

Mobile Computer 2, IP address ＿＿＿ . ＿＿＿ . ＿＿＿ . ＿＿＿ . ＿＿＿ . ＿＿＿

Mobile Computer 3, IP address ＿＿＿ . ＿＿＿ . ＿＿＿ . ＿＿＿ . ＿＿＿ . ＿＿＿

Mobile Computer 4, IP address ＿＿＿ . ＿＿＿ . ＿＿＿ . ＿＿＿ . ＿＿＿ . ＿＿＿

All Motorola devices start with 00 : 15 : 70 then 3 more pairs of characters

Access Point is set to be a DHCP Server for our Company　　Yes　　No

If Yes, what is the pool range: starts from ＿＿＿＿ to ＿＿＿＿

Other Notes:

_____

_____

_____

_____

_____

_____