Print Server (WLAN):
How to Embed a PS55 into a WLAN Without Using WPS

How Do I Embed a PS55 into a WLAN Without Using WPS?

The PS55 is embedded into your WLAN network using WPS (Wi-Fi Protected Setup). If this process fails or in case you do not want to use WPS, you can manually configure the PS55 with your WLAN settings by using an ad hoc connection.

Solution:

Ad hoc WLANs are self-configuring and self-organizing networks without hierarchy (peer-to-peer).

In delivery condition, the PS55 automatically creates such an ad hoc network. If the PS55 is not in delivery condition, you must reset it to its default values (factory settings) so that it is in the required condition. Then you need a WLAN-ready client. This client and the PS55 will be connected via an ad hoc WLAN. Now the PS55 can be accessed in the network and be reconfigured to match the settings of your WLAN.

Requirements:

✓ The client can set up a wireless ad hoc connection.
✓ The InterCon-NetTool is installed on the client, see: Print Server User Manual.
✓ The PS55 is connected to the mains.
✓ You know the settings of your WLAN.
✓ The client and PS55 are in range of each other.
✓ The PS55 is in range of your WLAN.

Proceed as follows:

1. Reset the PS55 to its default values:

2. Deactivate the connection to your wired network. (Remove the network cable, for example.)

3. Enable WLAN on your client and adapt the WLAN settings to those of the PS55:

Mode:	Ad hoc
SSID:	SEH
Channel:	3

   Client and PS55 now are automatically connected by and ad hoc network.
4. Start the InterCon-NetTool on your client.
5. Select the PS55 in the list.
6. Select 'NETWORK – Wireless Wizard'.
   The Wireless Wizard appears.
7. Define the TCP/IP settings of your WLAN.
8. Click 'Next'.
9. Define the communication mode and network name (SSID) of your WLAN.
10. Click 'Next'.
11. Define the security settings of your WLAN.
12. Click 'Next'.
13. Define the password of your WLAN and the encryption method used in your WLAN.
    Tip: If you are not such which WPA/WPA2 is used, select 'WPA (Auto)'.
14. Click 'Next'.
15. Click 'OK' to confirm.
⇒ The settings will be saved. The PS55 is embedded into your WLAN.
    Turn the client's WLAN settings back to the old settings and, if applicable, connect it to the wired network.

Note for Windows users:

In Windows 8 or later it might not be possible to configure ad hoc WLAN settings directly via the graphical user interface. To do this, other measures might have to be taken. Please research this topic.