

How to Change the SmartLan IP Address

Introduction

This technical note will show you how to configure and set the SmartLan IP address so that you can use it on your network.

There are 2 different SmartLan Modules that you can use on the SmartLiving panels.

Ensure you know what one you have before following this technical note.

SmartLan/G



SmartLan/SI



Changing the SmartLan/G IP address

1. Open the **SmartLan Settings** section on the left in the SmartLeague software.
2. Change the Connection parameters to match the same IP settings as the customer's network.
(You will need to consult the customer IT admin department to get an IP address that is not already in use)

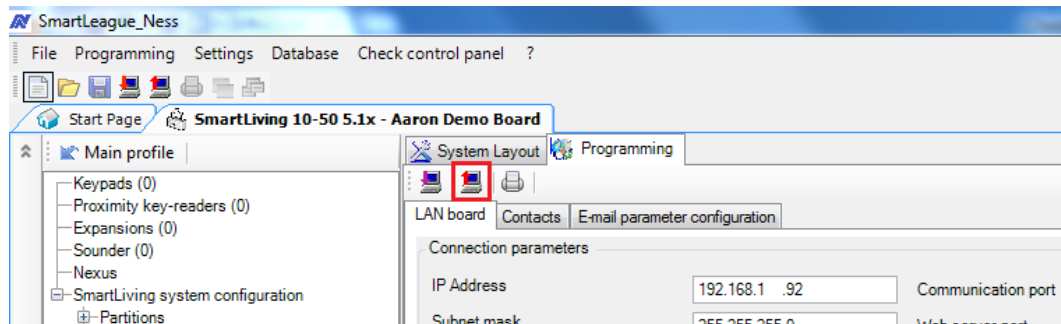


Ensure you are not using a IP already used on the customers network.

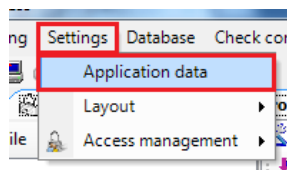
The **communication port** should be left as default (5004) unless you really need to change this.
Web Server Port by default is set as **80** this can be changed but recommend it stay at port 80.
SSL Port by default is set as port **443** this should remain as 443.
Timeout (ms) by default is set as **10** this should be left at 10.

Connection parameters			
IP Address	192.168.1 .92	Communication port	5004
Subnet mask	255.255.255.0	Web server port	80
Gateway	192.168.1 .92	SSL port	443
DNS	192.168.1 .92	Timeout (ms)	10

3. Once you have changed the IP Address (if required) and other settings, click on the Download button above LAN board tab and this will send the new connection settings to the SmartLan module.



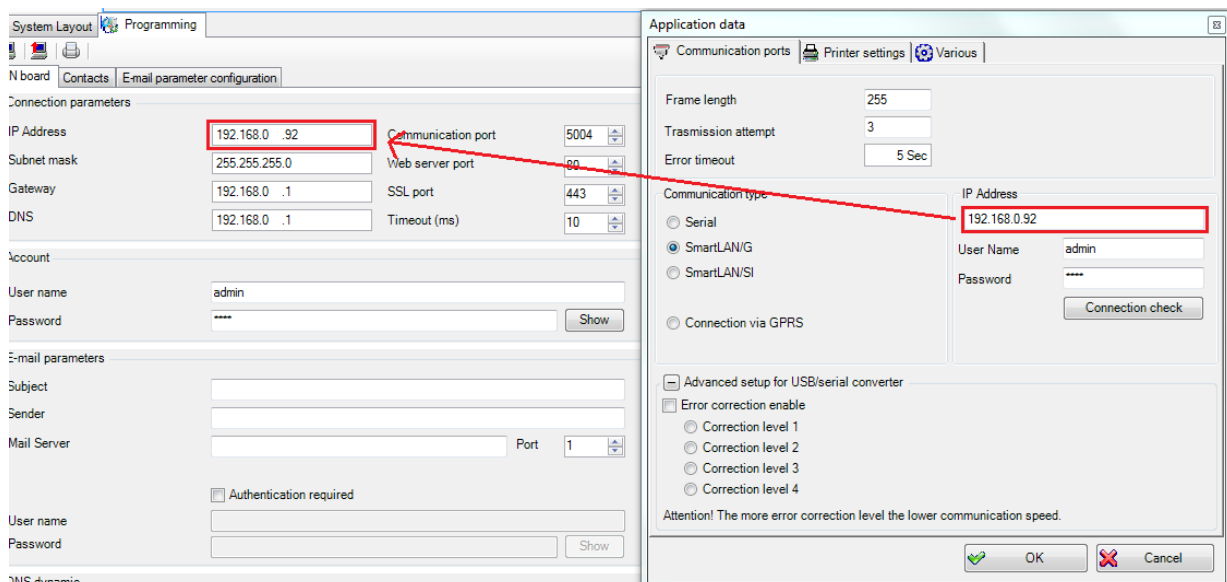
4. After these settings has been sent, you need to go back into the **Application Data** screen by clicking on **Settings > Application data** from the top menu.



5. You need to change the IP address in the Application data window to the IP address you set in step 2.



If you changed the username and password you also need to change this in the Application data window to match what you entered in step 2.



6. Press the **Connection check** button and verify if the connection can be made with the new settings.



If your SmartLan is now on a new network subnet, don't forget to change your computer IP address to match the subnet otherwise you don't be able to connect. It may take approx 1 minute for the SmartLan to reboot after the new settings have been applied.

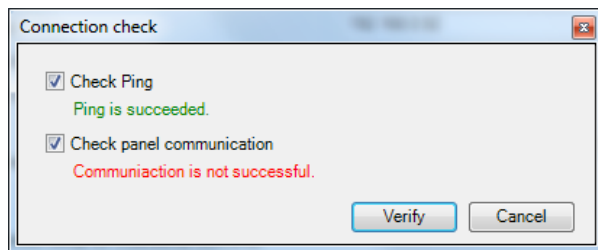
7. Ensure both boxes are ticked and click on **Verify**.

Check Ping:

This will ping the IP address and make sure it can be found on your network.

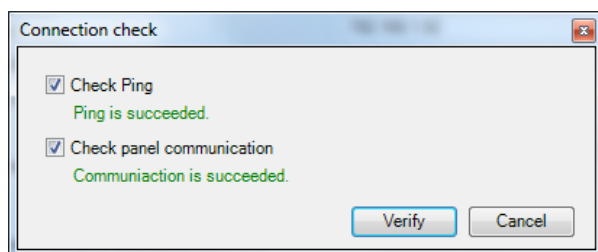
Check panel communication:

This will check and make sure it can connect with the username and password you provided from step 5.



Check Ping = Successful
Communication = Failed

This means the IP was found, but failed to communicate to the panel. You will need to check and confirm the username and password is set correctly. (and also confirm you have enabled "Internet Access" as per step 4 above.



Check Ping = Successful
Communication = Successful

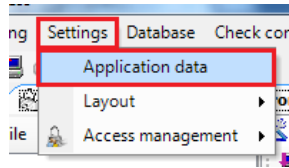
This means everything is working fine and you will be able to connect fine.



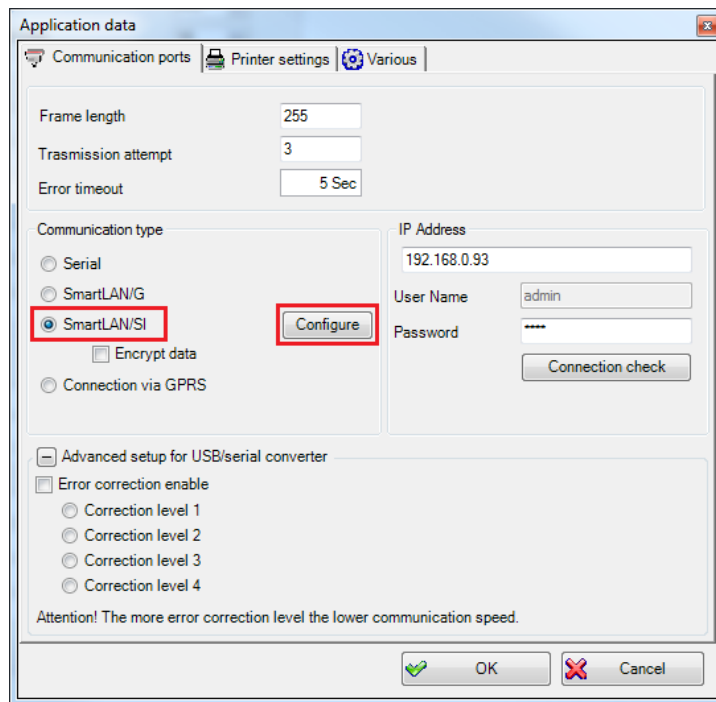
If it fails to connect, (i.e Ping Fails) then ensure your computers IP address is on the same subnet as the SmartLan. (e.g. 192.168.1.xxx)

Changing the SmartLan/SI IP address

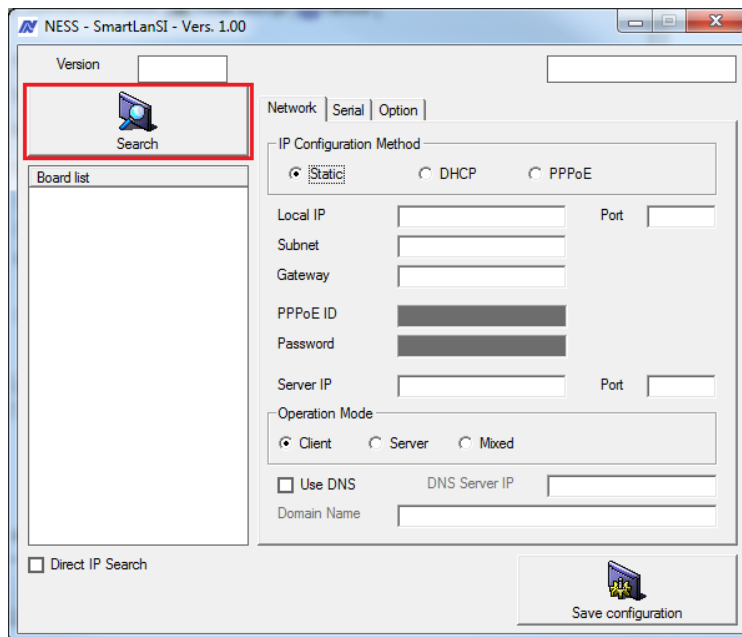
1. Open the **Application Data** screen by clicking on **Settings > Application data** from the top menu.



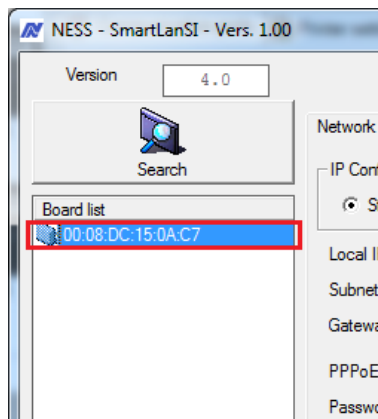
2. Select **SmartLan/SI** from the communication type and click **Configure**.



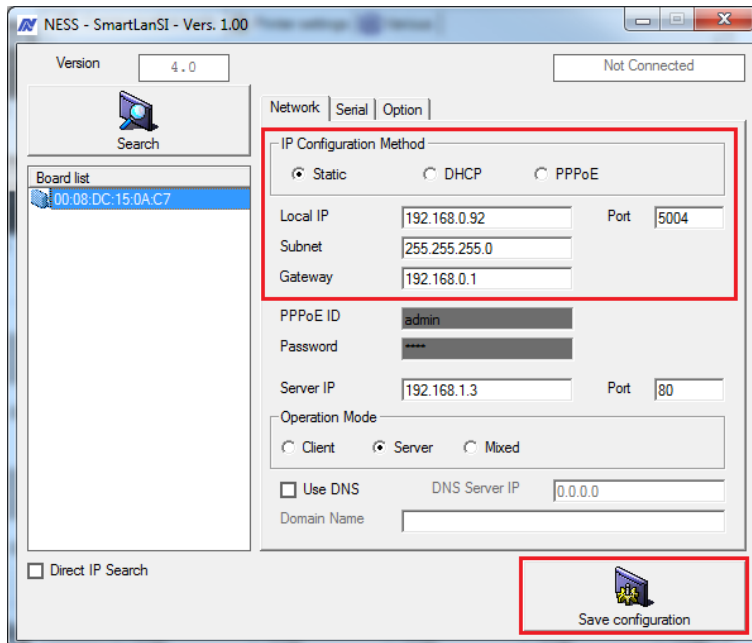
3. Click on the **Search** button to search for the SmartLan/SI on your network.



4. It then should display your SmartLan/SI in the list.
Select it and it should then display the settings on the left.



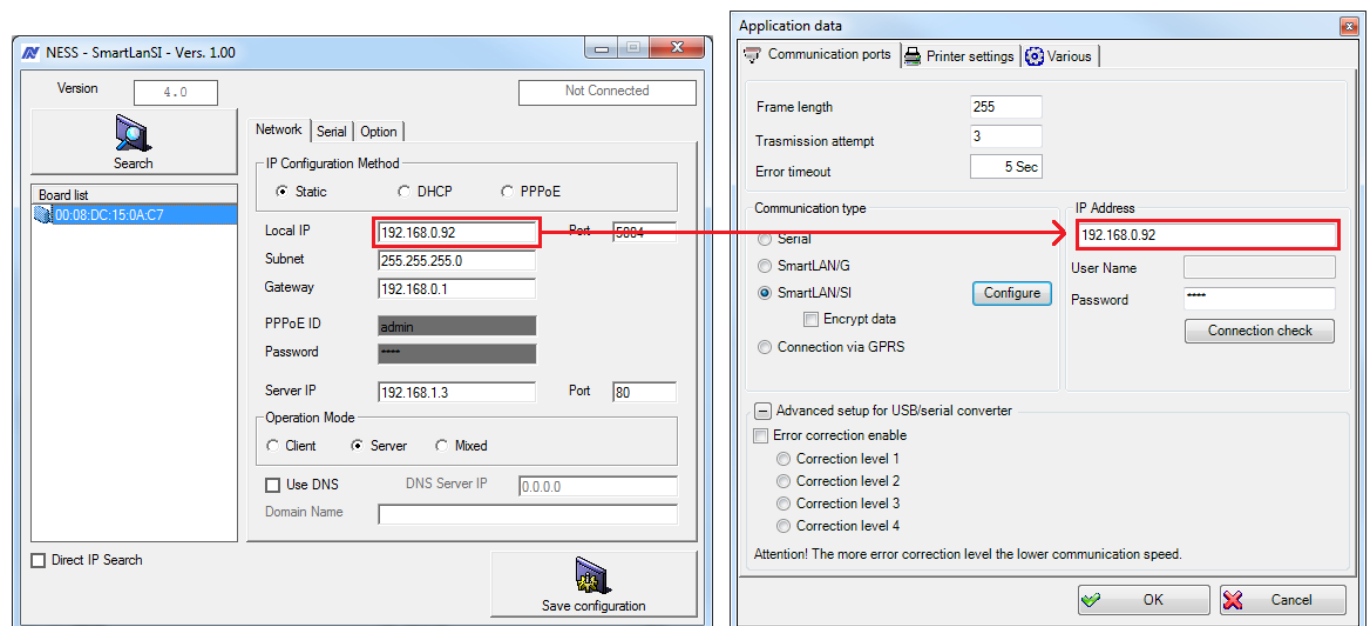
5. Change the Connection parameters to match the same IP settings as the customer's network.
(You will need to consult the customer IT admin department to get an IP address that is not already in use)



Once the settings has been set click on the **Save Configuration** button.

6. The new IP address now needs to be applied to the application data window like shown below.

This will tell the SmartLeague software the new IP address to communicate to.



6. Press the **Connection check** button to verify if the connection can be made with the new settings.

7. Ensure both boxes are ticked and click on **Verify**.

Check Ping:

This will ping the IP address and make sure it can be found on your network.

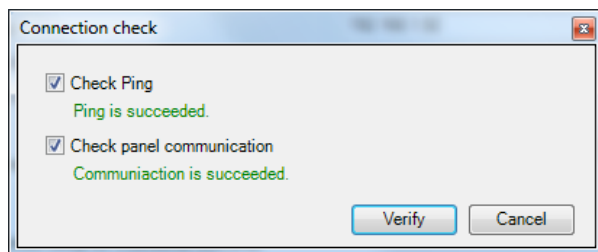
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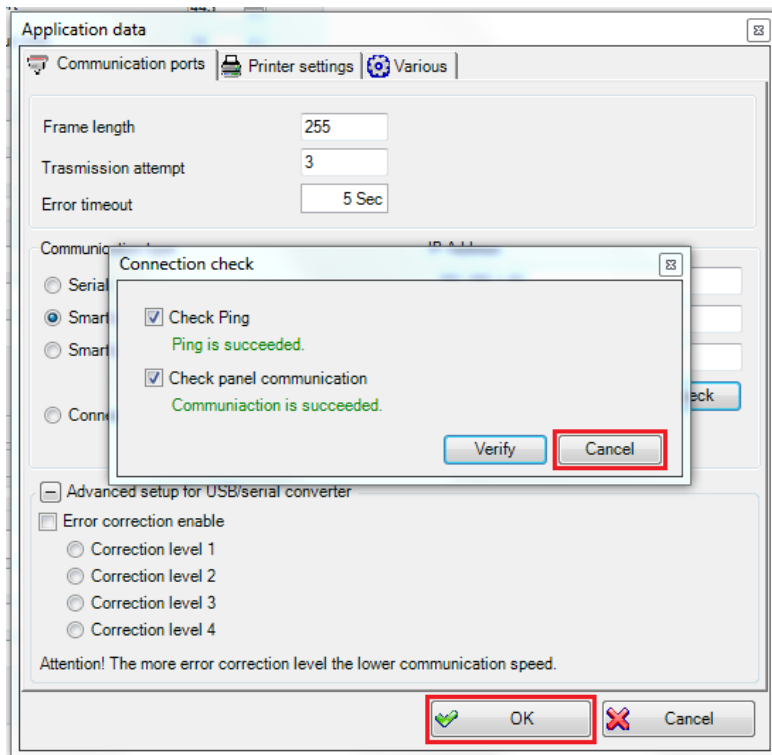
Check Ping = Successful
Communication = Successful

This means everything is working fine and you will be able to connect fine.



If it fails to connect, (i.e Ping Fails) then ensure your computers IP address is on the same subnet as the SmartLan. (e.g. 192.168.1.xxx)

8. Once you have verified you can connect and communication is successful press the **cancel** button, then click on **OK** to save the settings.



Additional Information:

Customer Service

Phone: 1300 551 991 (M-F 8:30am – 5:00pm)

Email: customerservice@ness.com.au

YouTube: www.youtube.com/nesscorporation