



Instant IP Configurator (Version 2.0)

Created by Romuel Howe ©2025

User Guide

What is Instant IP Configurator (IIPC)?

IIPC is software that enables the user to save different IP (Internet Protocol) configurations as profiles and then easily apply these profiles, changing the selected network interface settings of the user's Microsoft Windows 10 & 11 PC (Personal Computer), Laptop or Tablet.

What makes IIPC unique compared to other similar software:

- A large, easy to find, dedicated **Home button** which essentially returns the user's device back to pre-configured default network interface settings
- Unique and helpful entry fields for each profile that includes
 - A Notes section for important notes
 - An External Link entry to quickly and easily navigate to online (or offline) company resources like Asset Register/Address Book for the specific client or site
 - A Contacts section allowing the user to save contact details for up to 3 contacts relating to each profile
- The ability to "Star" profiles, putting them at the top of the list of profiles for quick and easy access
- The inclusion of **NetLine** Console, a proprietary command line interface, allowing the user to run any network diagnostic commands like Ping and Traceroute
- The inclusion of **NetScan**, a fully integrated, proprietary multi-mode network scanner that uses Ping Sweep, ARP Resolution, Reverse DNS and MAC Lookup for all scans
- Easy import and export of profiles

Instant IP Configurator is for the Installer, Technician, Engineer and Programmer in sectors like Audio Visual, Unified Collaboration and Networking that are on the go, connecting to different client networks and sites on a regular basis. But it is also for anyone who finds themselves switching between different network configurations on a single device.

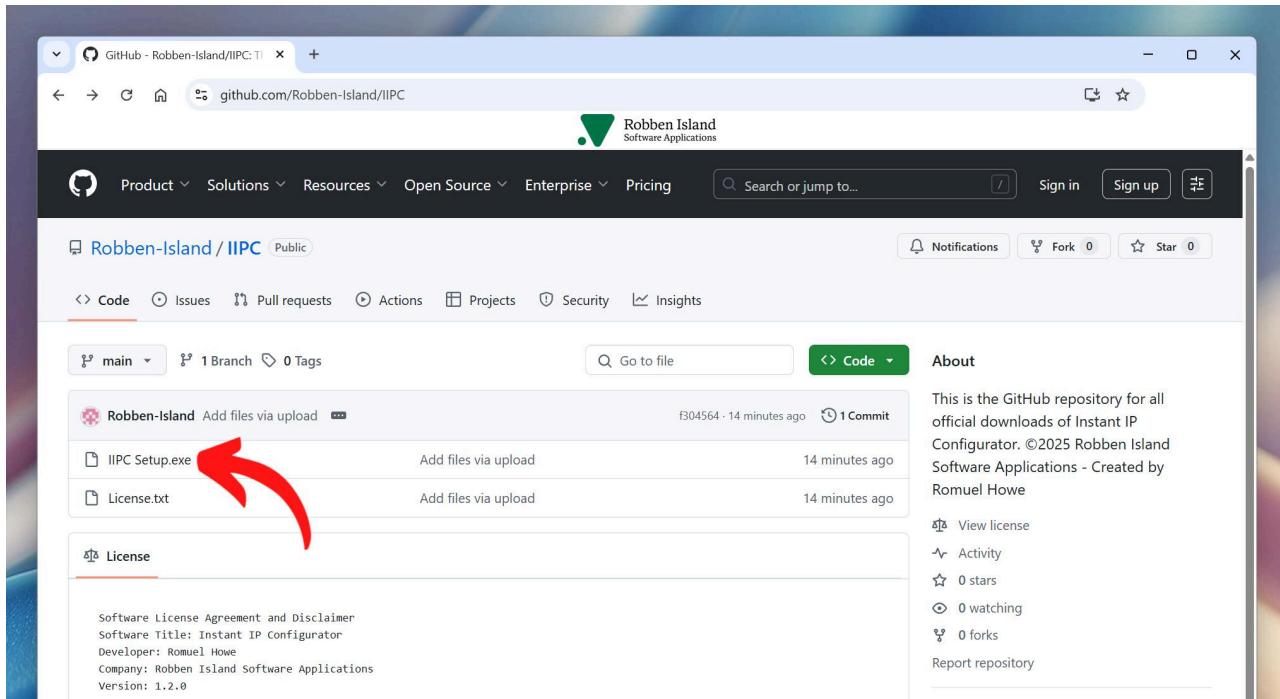
Getting Started

IIPC is **FREE** to download from: <https://github.com/Robben-Island/IIPC>

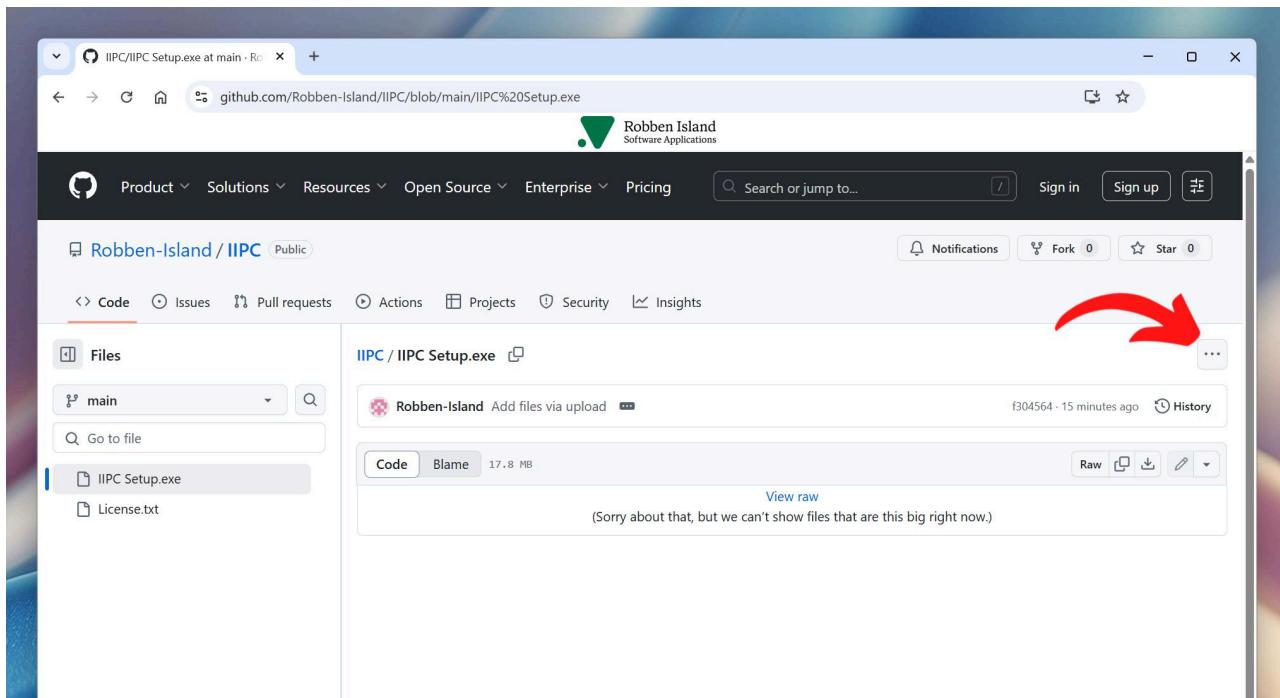


Navigate to the link above or scan the QR code.

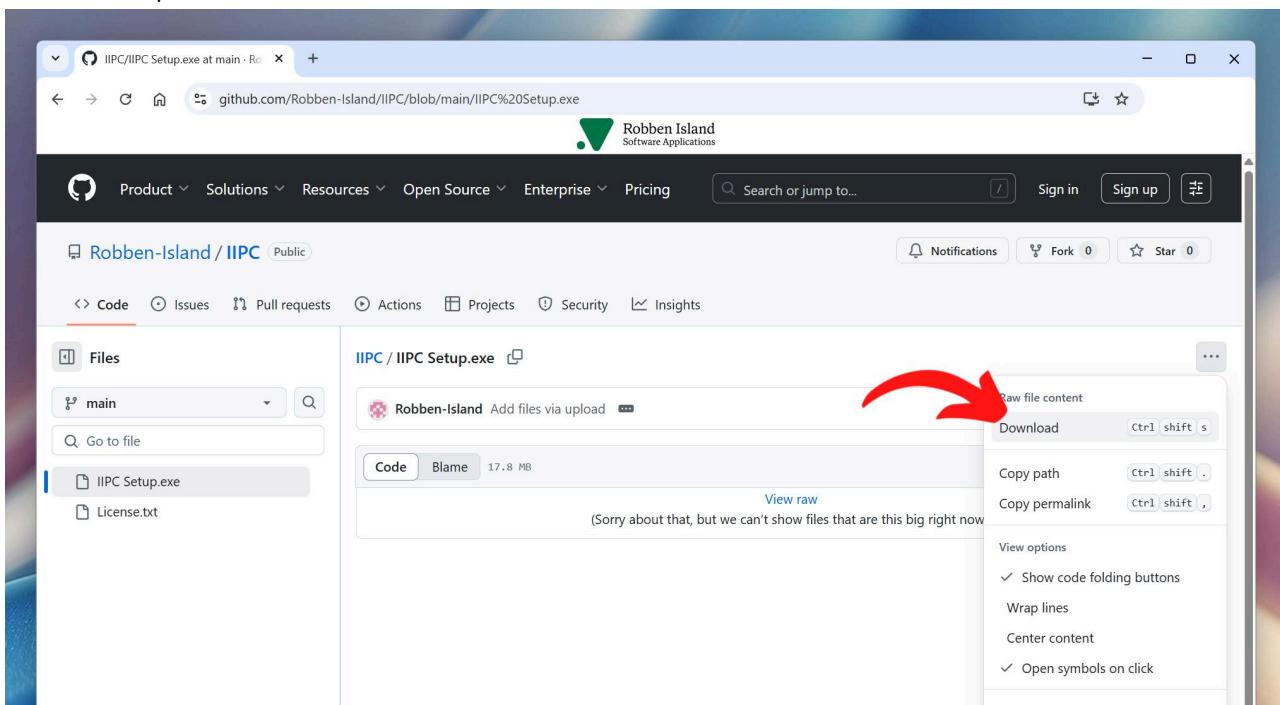
Click on **IIPC 2.0 Setup.exe** (Please note the images below show the old version “IIPC Setup.exe” which has now been replaced by the new version “IIPC 2.0 Setup.exe”, but the download/install process remain the same)



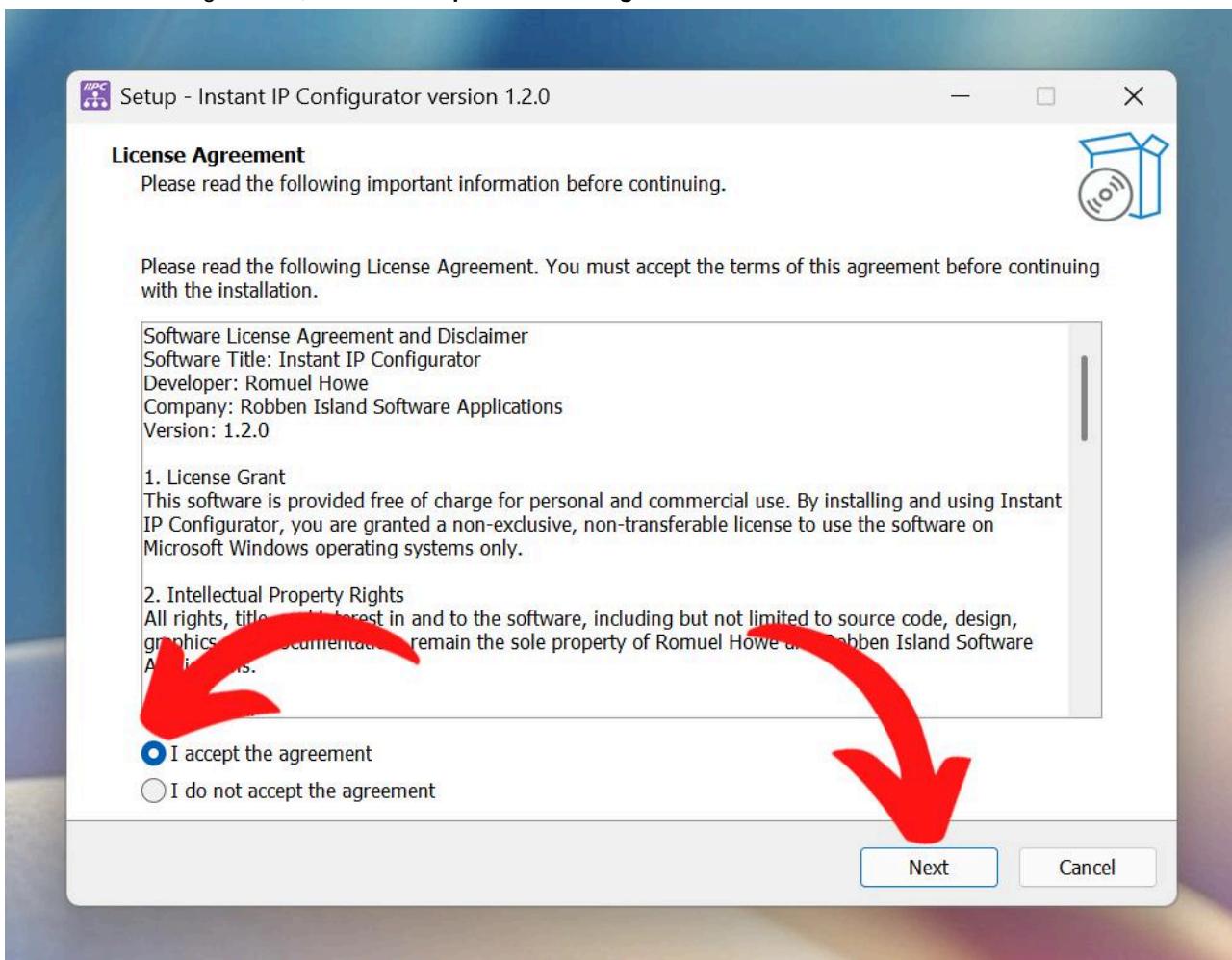
Click the ellipsis (3 dots) on the right of the page



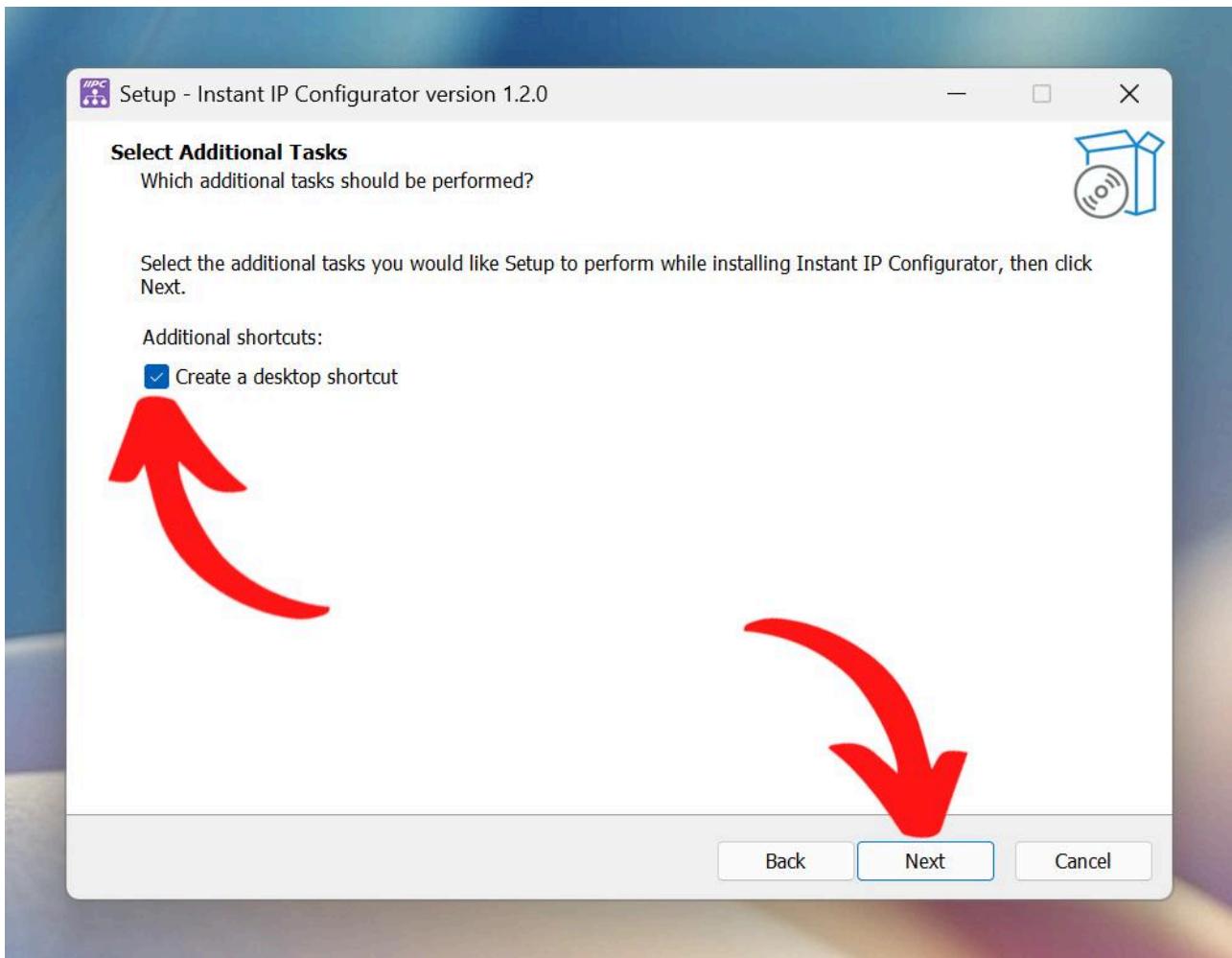
Click on **Download** and double click the downloaded **IIPC 2.0 Setup.exe** file in your Downloads folder, once the download completed.



Read the License Agreement, select “I accept the license agreement” and click **Next**.

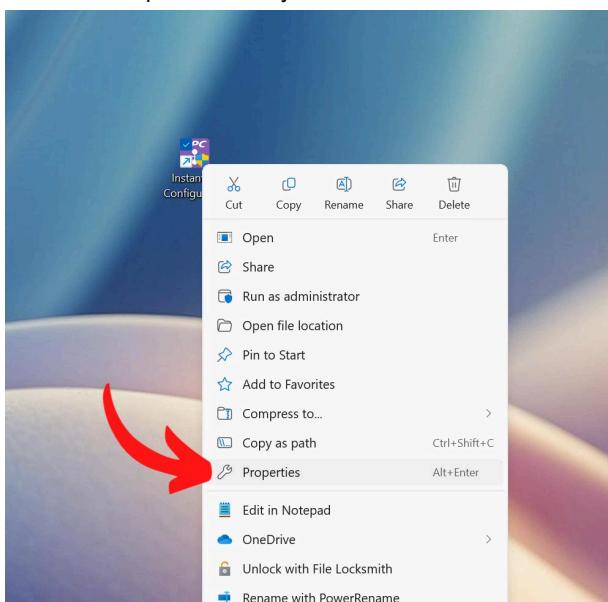


Select the box “Create a desktop shortcut” to place an icon for IIPC on your desktop and click **Next**.

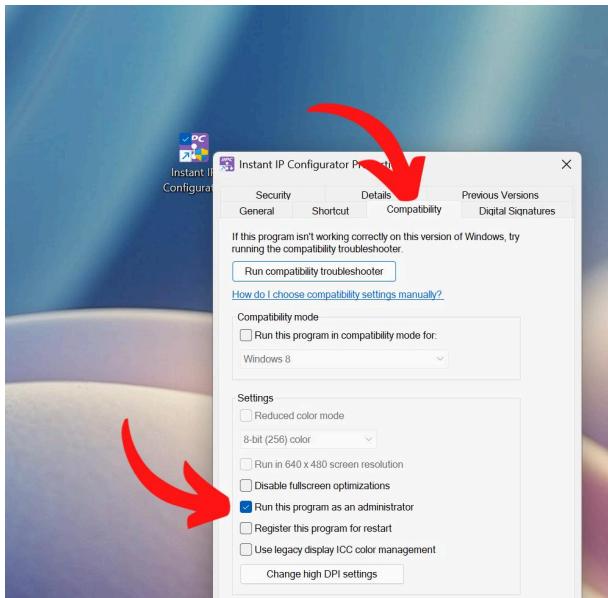


IIPC requires Microsoft Windows Administrative Rights and there are two ways to achieve this:

1. Right click on the IIPC icon and select “Run as administrator”, but you will need to do this every time you want to use IIPC
2. The preferred way is to click on the IIPC icon and select “Properties”

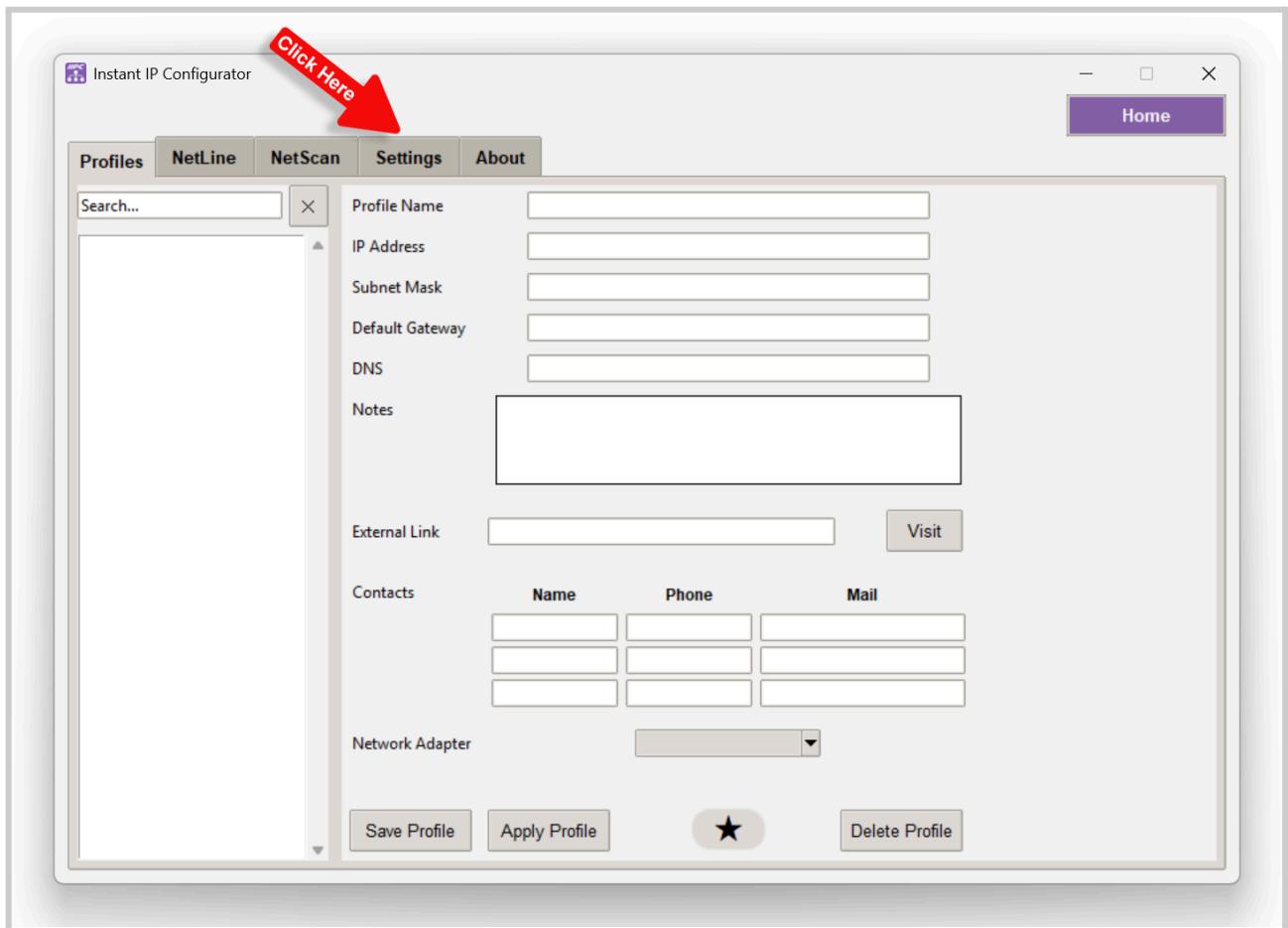


Navigate to **Compatibility** and select the box “Run this program as an administrator”, click **Apply** and click **OK**.



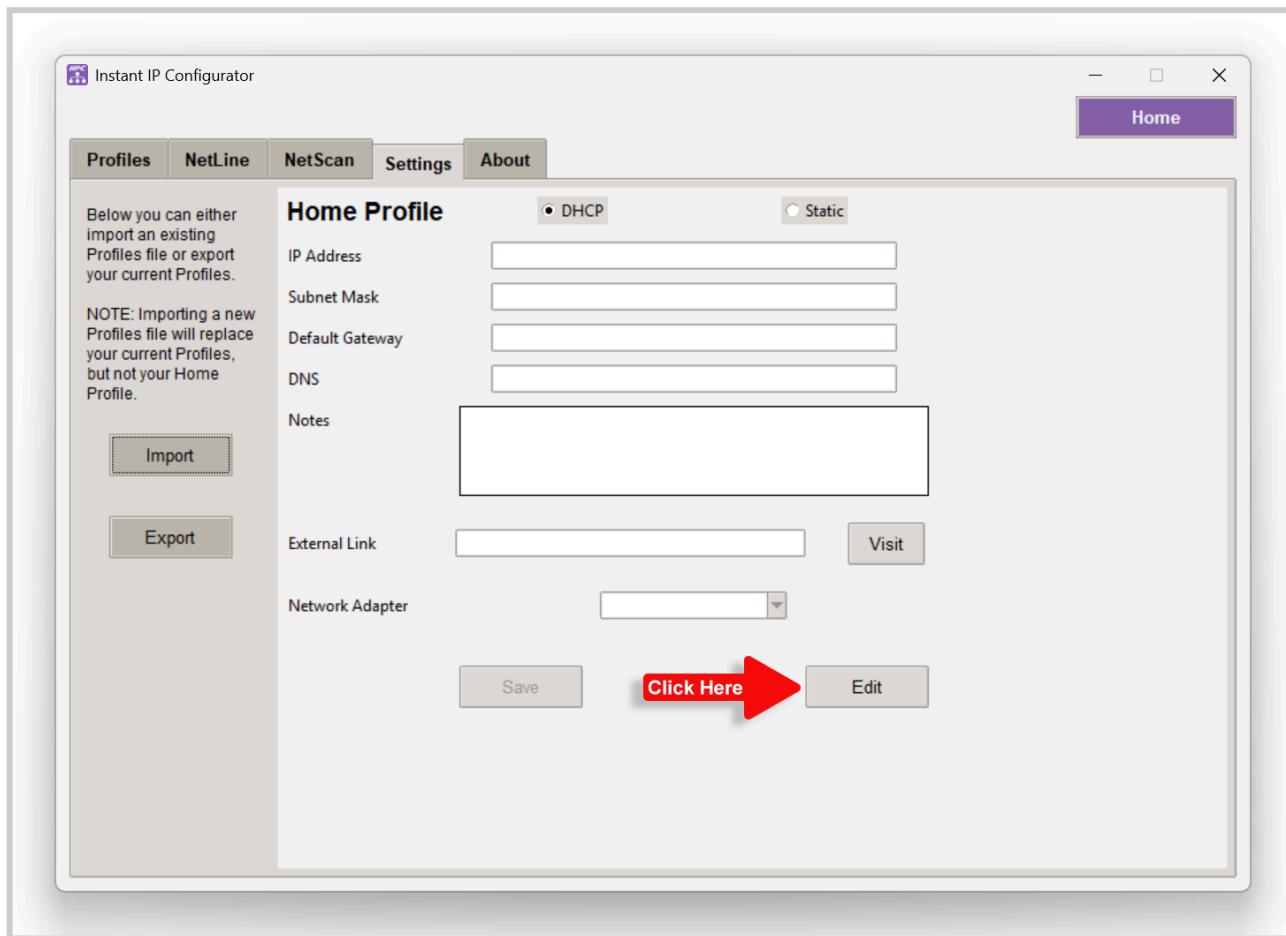
First Launch

Every time you open IIPC you will be presented with the **Profiles tab** as your landing page, but when launching IIPC for the first time it is recommended to first navigate to the **Settings tab**.



In the **Settings tab** you are presented with your **Home Profile** configuration. These settings relate to the purple **Home button** in the top right corner, so whenever you press the purple **Home button** it will change your selected network adapter to the settings you configure here. You can consider this your default network settings and in most instances this would be DHCP, but you also have the option to configure Static IP details if needed.

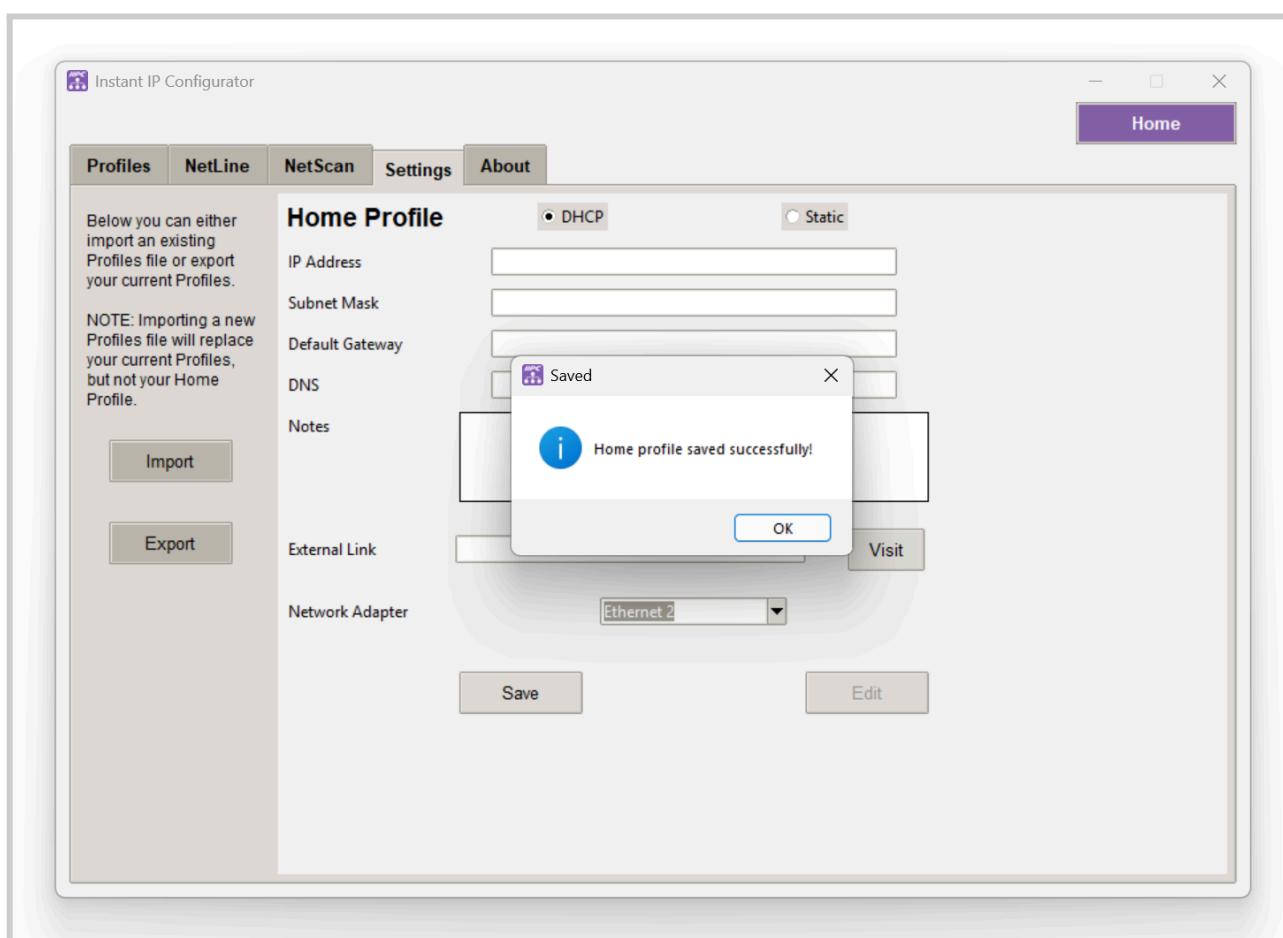
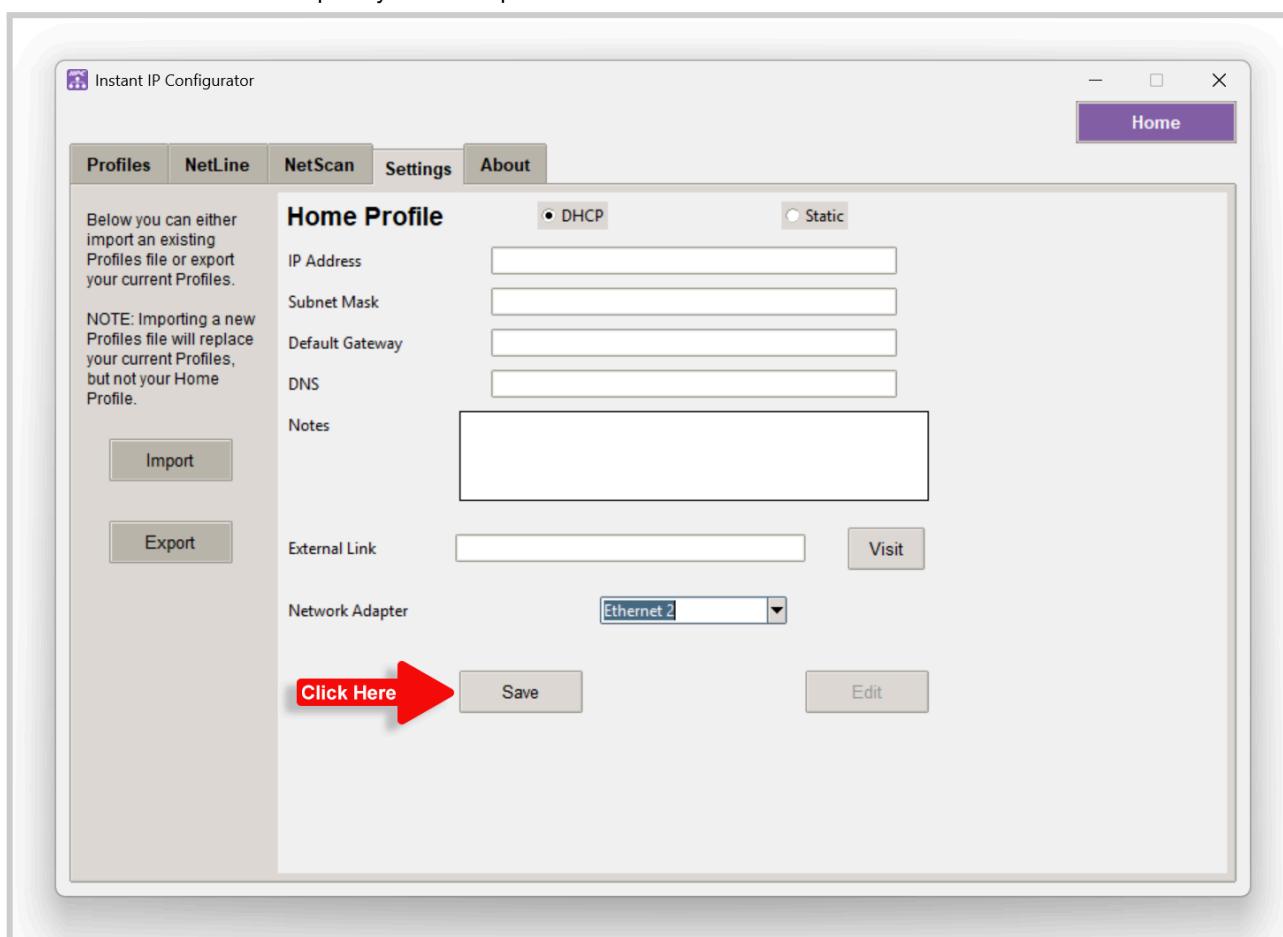
Start by clicking the **Edit button**.



You have the option to add notes in the Notes field for any notes relating to your Home/default profile. You can also add a link to your own Asset Register/Address Book or company portal in the External Link field for quick access.

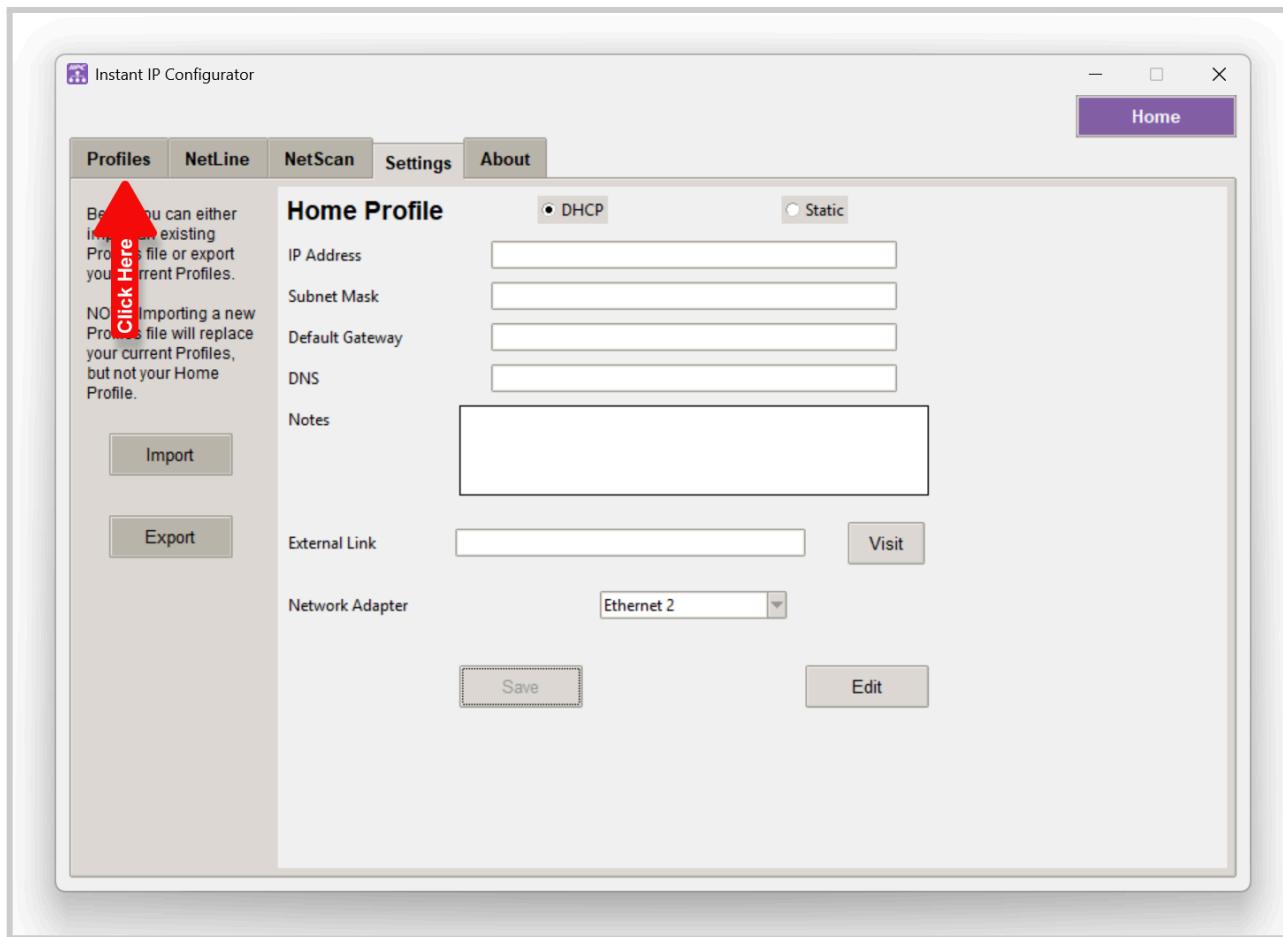
It is important that you select the correct network adapter from the Network Adapter drop-down list (this will be the adapter your PC/Laptop/Tablet uses when you connect an ethernet cable to it).

Click the **Save** button to complete your Home profile.

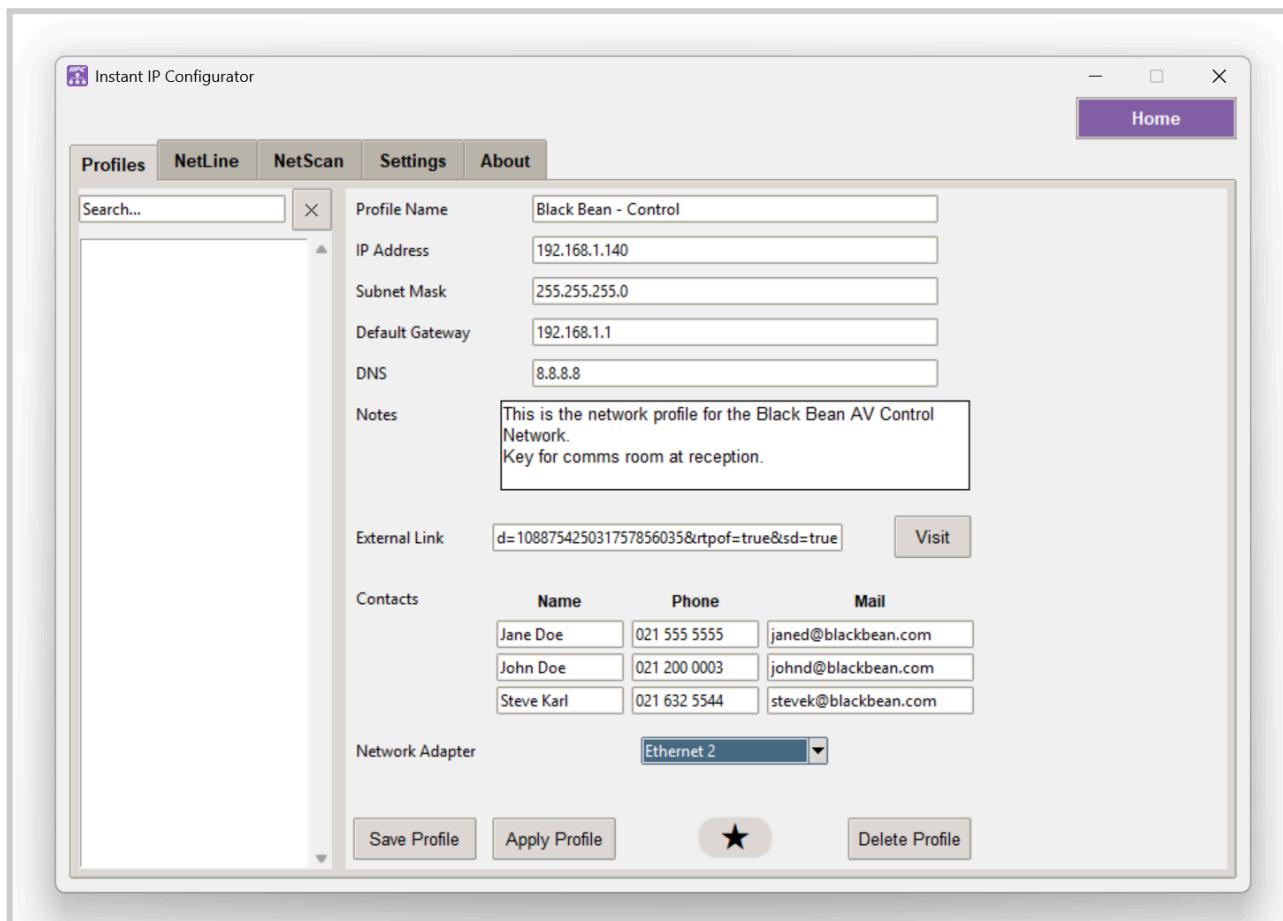


Using Instant IP Configurator

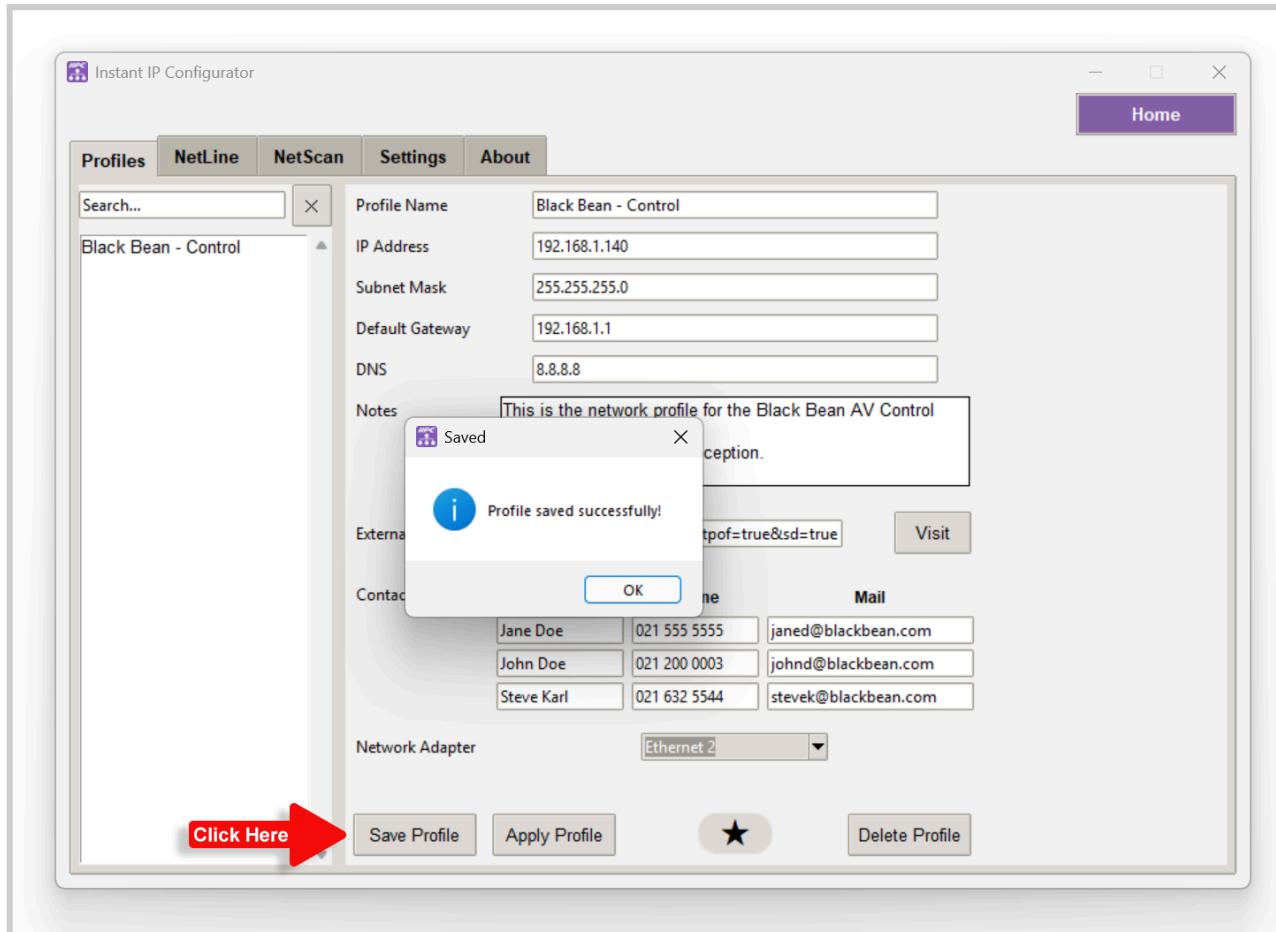
Navigate back to the **Profiles** tab as you can now start to populate IIPC with the various network configurations you use.



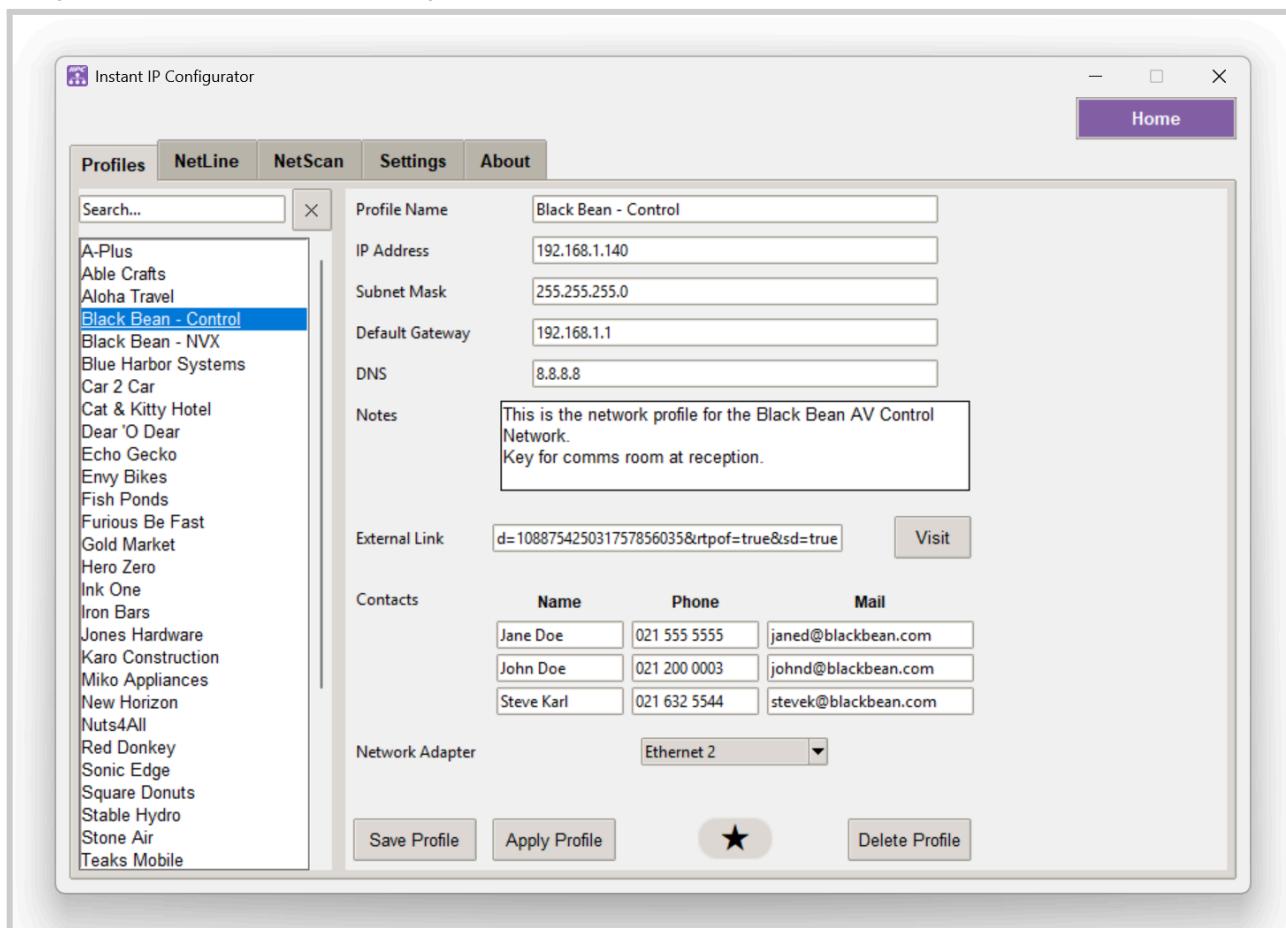
Create profiles by giving it a Profile Name (usually your client or site name), add the IP details you would use on your device, add important notes relating to this profile, add a link to the Asset Register/Address Book relating to this profile, add your client details or site contacts and **remember to select the correct Network Adapter from the drop-down list.**



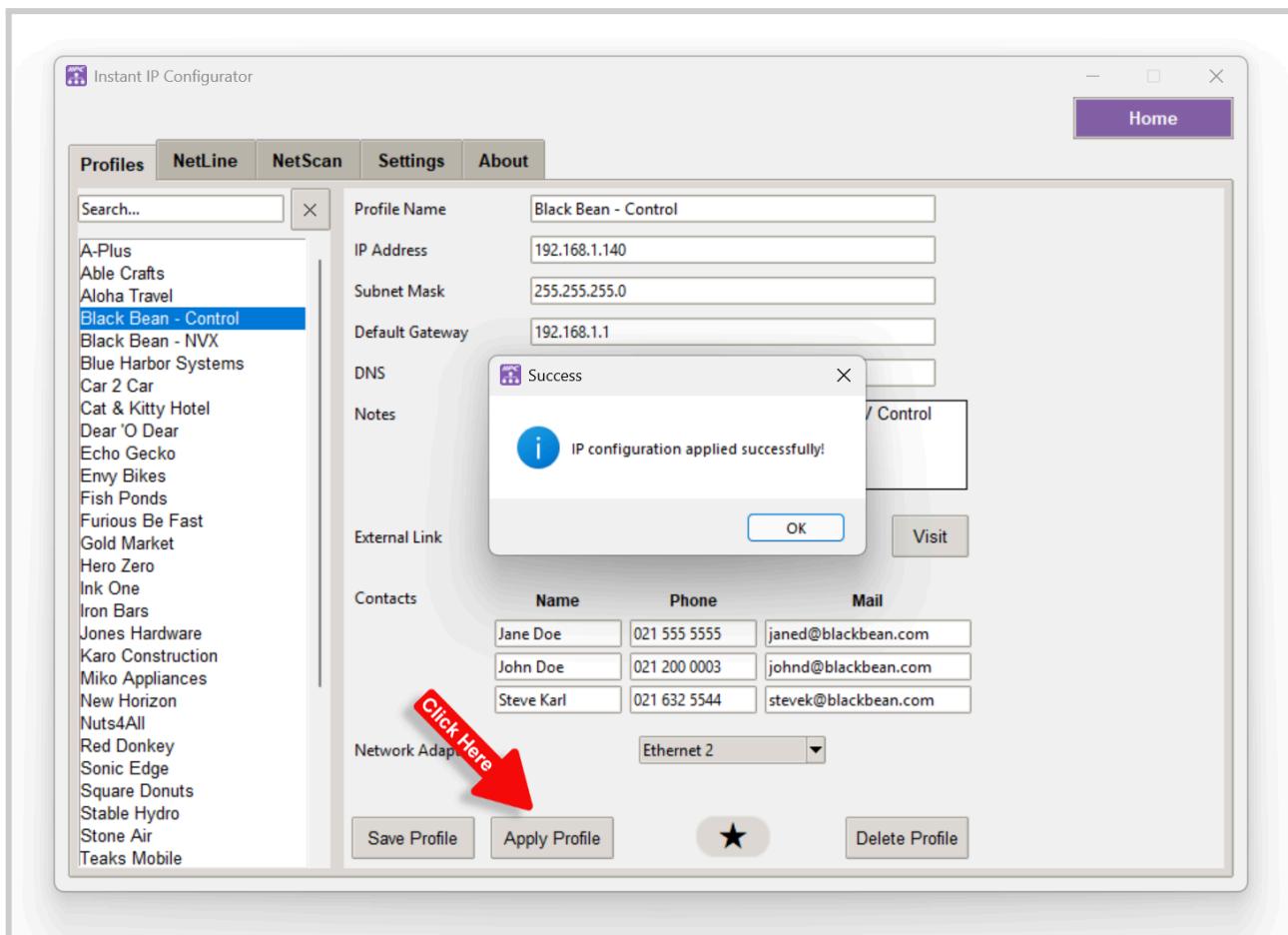
Click the **Save Profile** button to save this profile and the Profile Name will appear in the left pane.



Once you created a profile/profiles you can click on the profile you want in the left pane and the details you previously configured for this profile will be in the right window.



Click the **Apply Profile** button to auto configure your selected Network Adapter on your device and click **OK**.



The network settings for the selected network adapter has been changed based on the profile selected, quick and easy.

The screenshot displays two windows side-by-side, illustrating the integration of network configuration tools.

Top Window: Network & internet > Ethernet

- IP assignment:** Manual
- IPv4 address:** 192.168.1.140
- IPv4 mask:** 255.255.255.0
- IPv4 gateway:** 192.168.1.1

DNS server assignment: Manual

IPv4 DNS servers: 8.8.8.8

Bottom Window: Instant IP Configurator

Profiles Tab:

- Profile Name: Black Bean - Control
- IP Address: 192.168.1.140
- Subnet Mask: 255.255.255.0
- Default Gateway: 192.168.1.1
- DNS: 8.8.8.8
- Notes: This is the network profile for the Black Bean AV Control Network. Key for comms room at reception.
- External Link: s.google.com/spreadsheets/d/1EU1a2VhT_Vp_Zn
- Contacts:

Name	Phone	Mail
Jane Doe	021 555 5555	janed@blackbean.com
John Doe	021 200 0003	johnd@blackbean.com
Steve Karl	021 632 5544	stevek@blackbean.com

- Network Adapter: Ethernet 2

Buttons: Save Profile, Apply Profile, Delete Profile, Home

You can also click the **Visit** button to be taken directly to the Asset Register/Address Book (or other resource) you previously linked in the External Link field, without having to navigate through what could possibly be multiple folders in your preferred cloud storage.

The screenshot shows a spreadsheet application window with two tabs: 'Black Bean Asset Register.xlsx' and 'docs.google.com/spreadsheets/'. The main view displays an 'Asset Register' sheet with the following data:

	A	B	C	D	E	F	G
1	Asset Register			 Black Bean We Do Beans			
2	Client: Black Bean						
3	Contact #1: Jane Doe - 021 555 5555						
4	Contact #2:						
5	Project #: 001			Abbreviations Used			
6	Revision: 1			TBC = To Be Confirmed (Please Complete) N/A = Not Applicable			
7							
8	Property Details						
9	City	Building Name	Room Type	Room Name (Construction)	Room Name (Actual)	Floor	Manufacturer
10	Auckland	Corner Building	Boardroom	Room 1	The War Room	45	Good Gear
11	Auckland	Corner Building	Boardroom	Room 1	The War Room	45	Good Gear

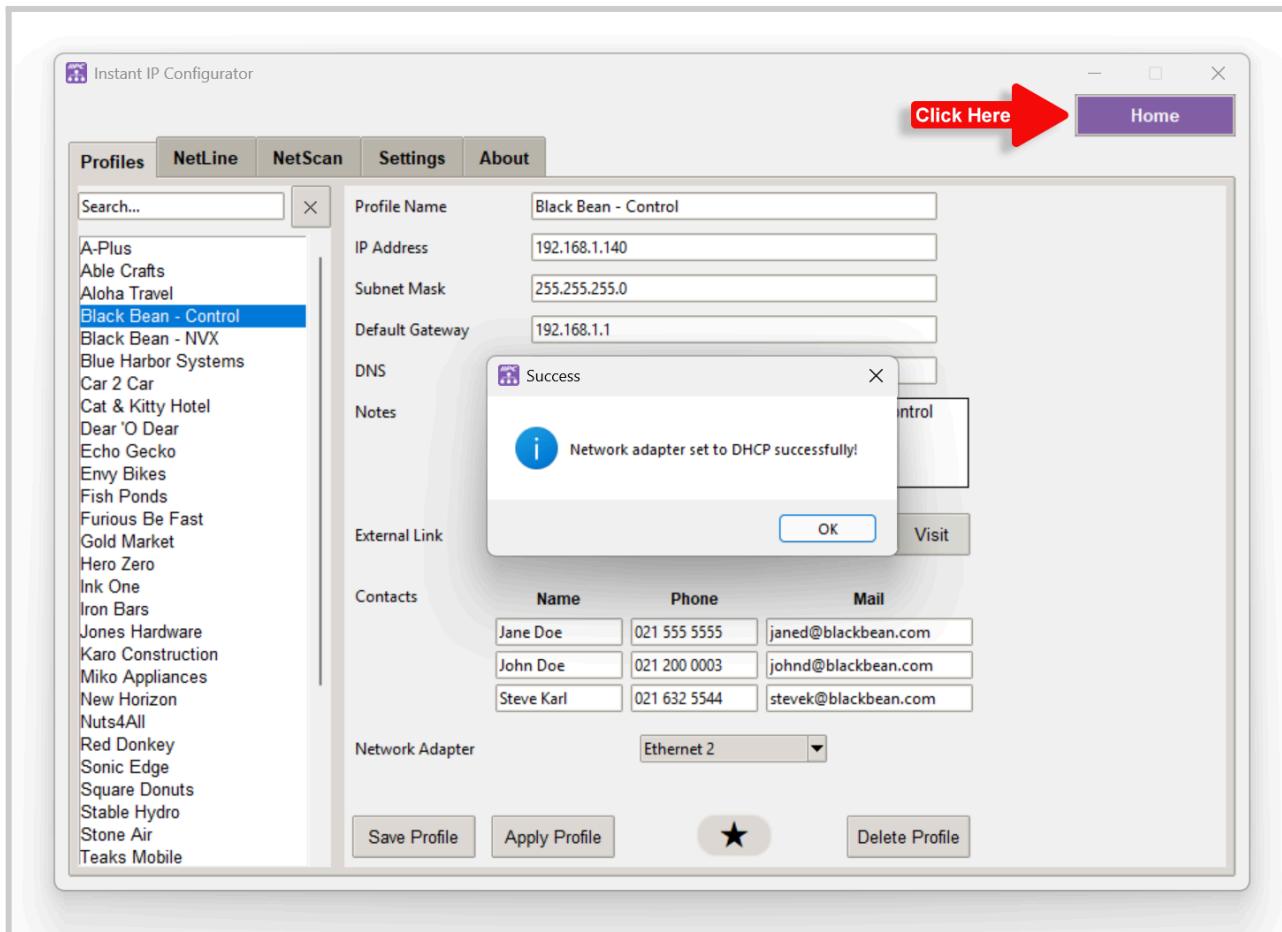
Below the spreadsheet is a separate window titled 'Instant IP Configurator'. It contains a 'Profiles' tab selected, showing a list of profiles on the left and configuration details on the right. A red arrow points to the 'Visit' button next to the 'External Link' field, which contains the URL 's.google.com/spreadsheets/'. The configuration details include:

- Profile Name: Black Bean - Control
- IP Address: 192.168.1.140
- Subnet Mask: 255.255.255.0
- Default Gateway: 192.168.1.1
- DNS: 8.8.8.8
- Notes: This is the network profile for the Black Bean AV Control Network.
Key for comms room at reception.
- External Link: s.google.com/spreadsheets/ (with a red arrow pointing to the 'Visit' button)
- Contacts table:

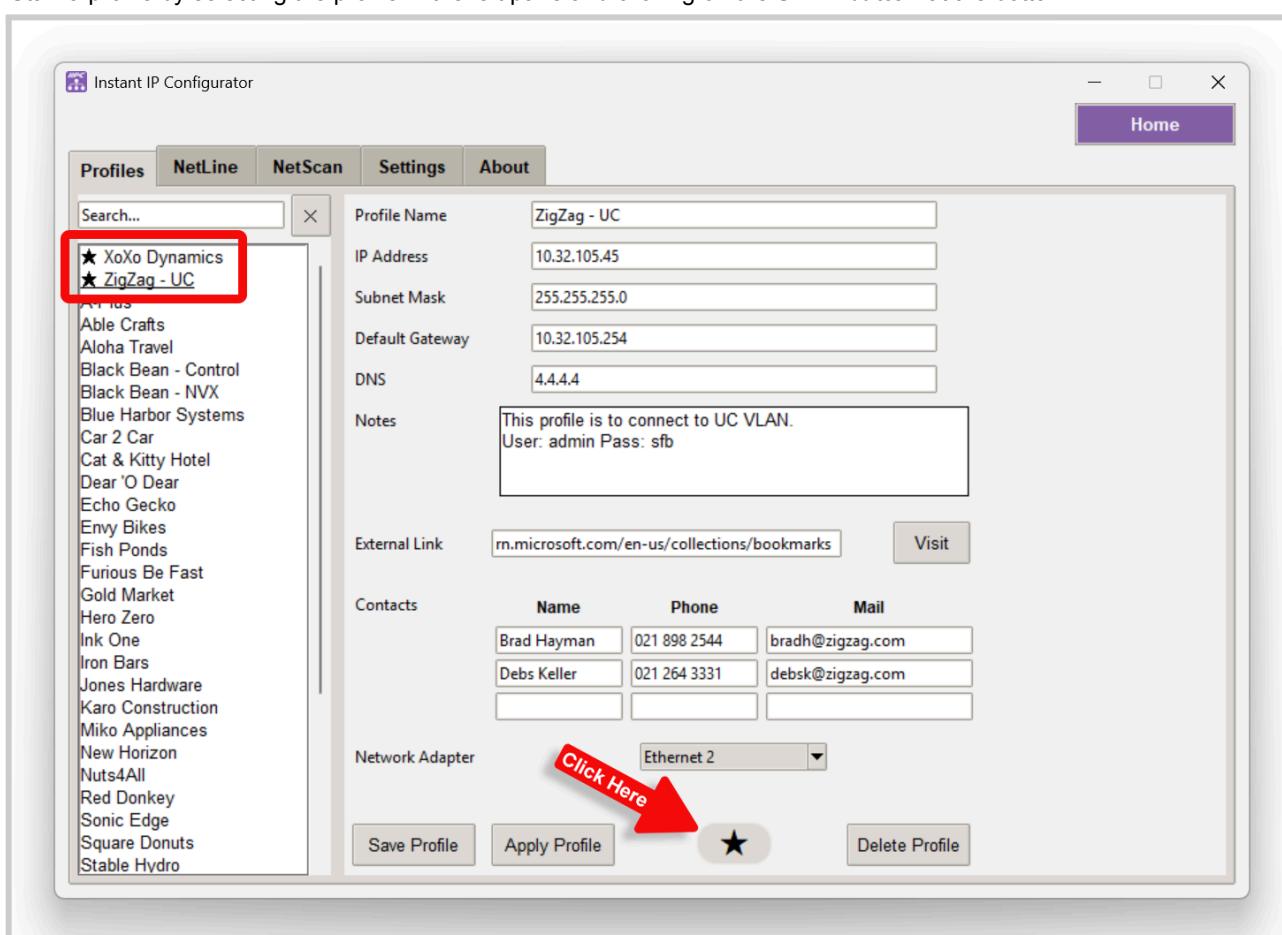
Name	Phone	Mail
Jane Doe	021 555 5555	janed@blackbean.com
John Doe	021 200 0003	johnd@blackbean.com
Steve Karl	021 632 5544	stevek@blackbean.com
- Network Adapter: Ethernet 2

Buttons at the bottom of the configurator window include: Save Profile, Apply Profile, a star icon, and Delete Profile.

Once your work is done on the current network, you can click the purple **Home button** in the top right corner to reset your network adapter to its Home/default state, which you configured during the **First Launch** step.

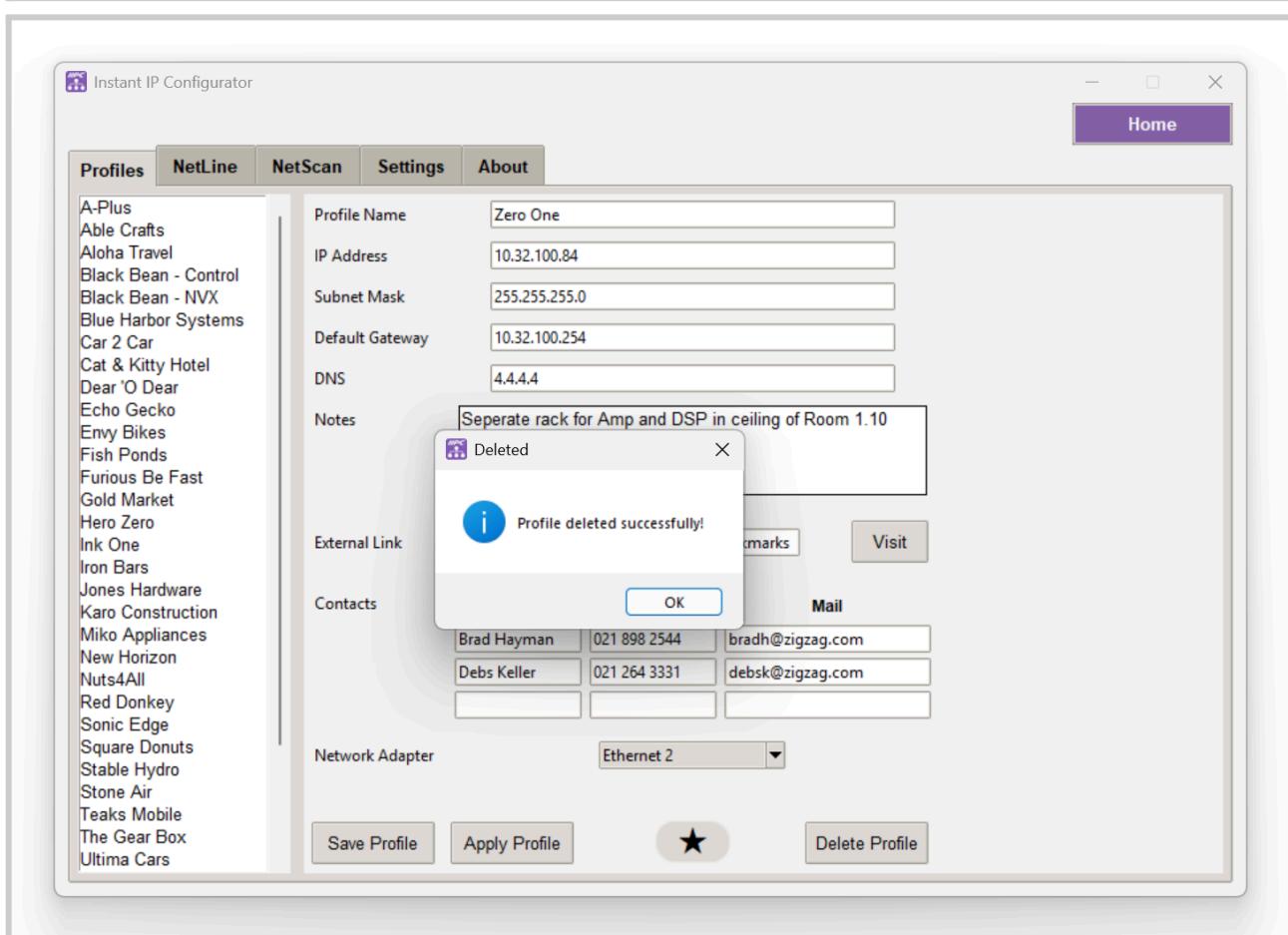
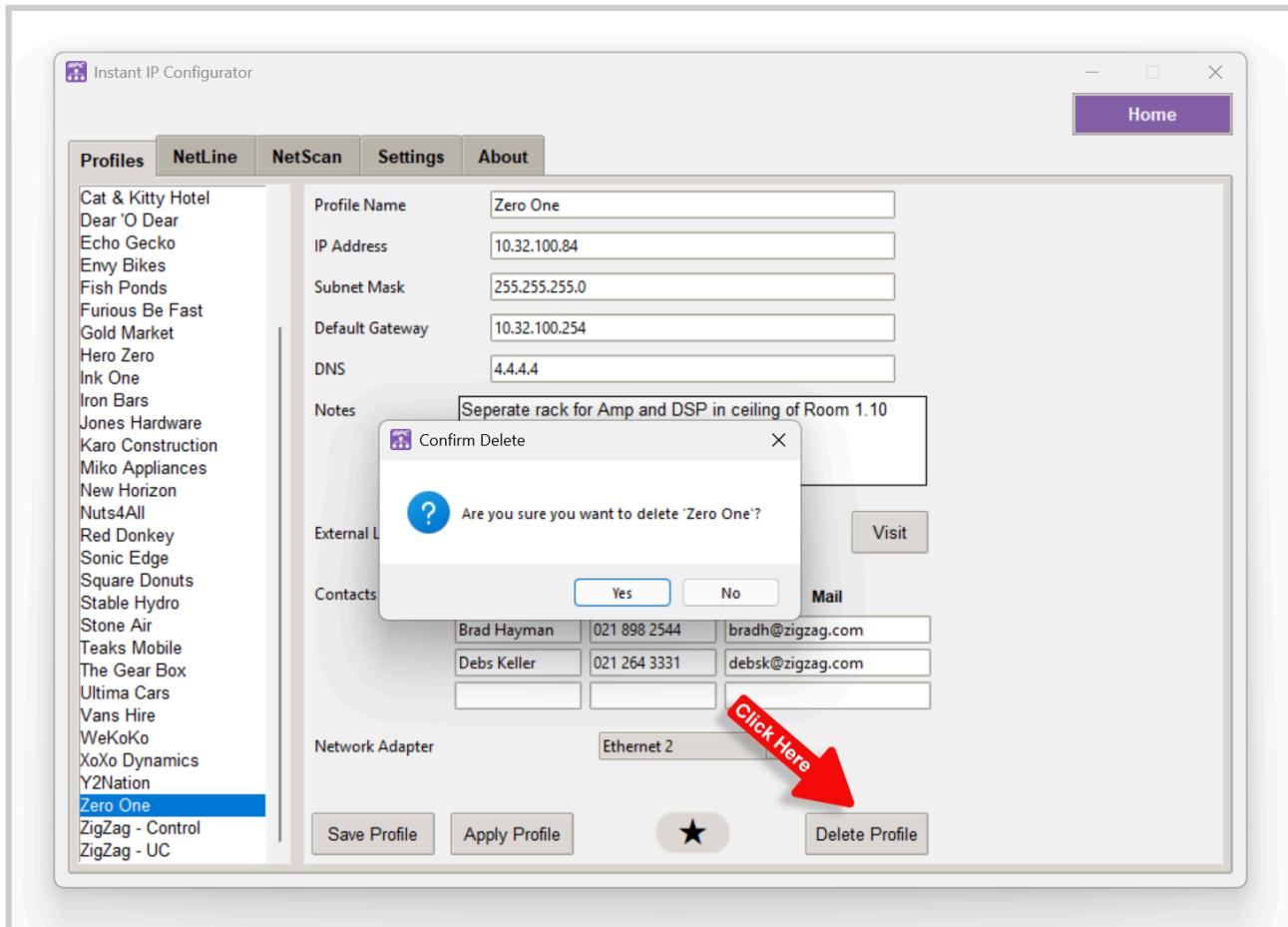


When you have a large amount of profiles created it can become cumbersome to quickly jump between multiple network profiles as profiles are always listed alphabetically. But IIPC allows you to work like a superSTAR, since you can easily "Star" a profile by selecting the profile in the left pane and clicking on the **STAR button** at the bottom.

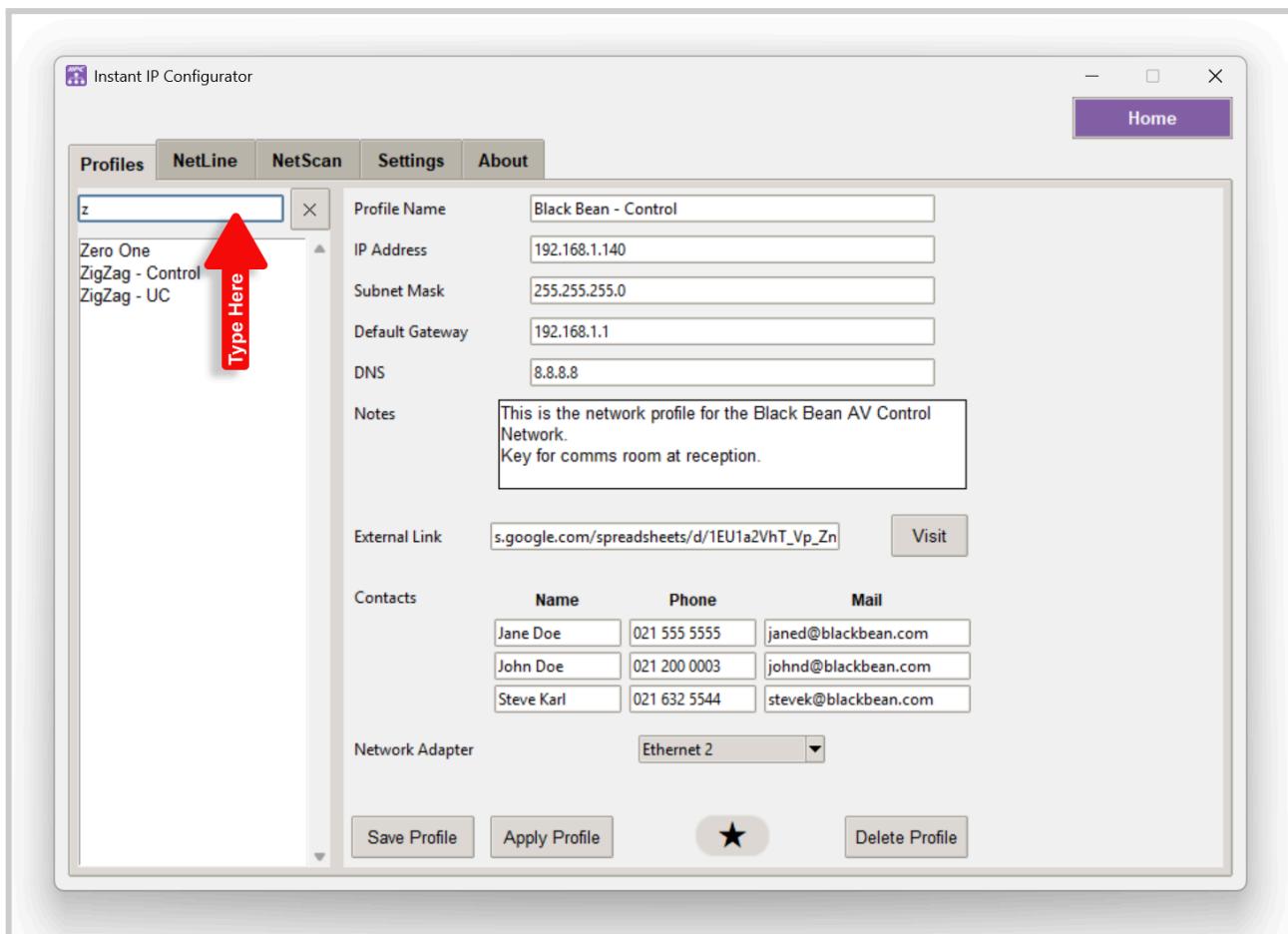


"Starred" profiles will always appear at the top of your profiles list and can be easily identified by the **Star icon** in front of their name. To "unstar" a profile and return it to its alphabetical order, simply click on the "starred" profile and click the **Star button** at the bottom again. Profiles will remain "starred" even if you close IIPC and open it again at another time.

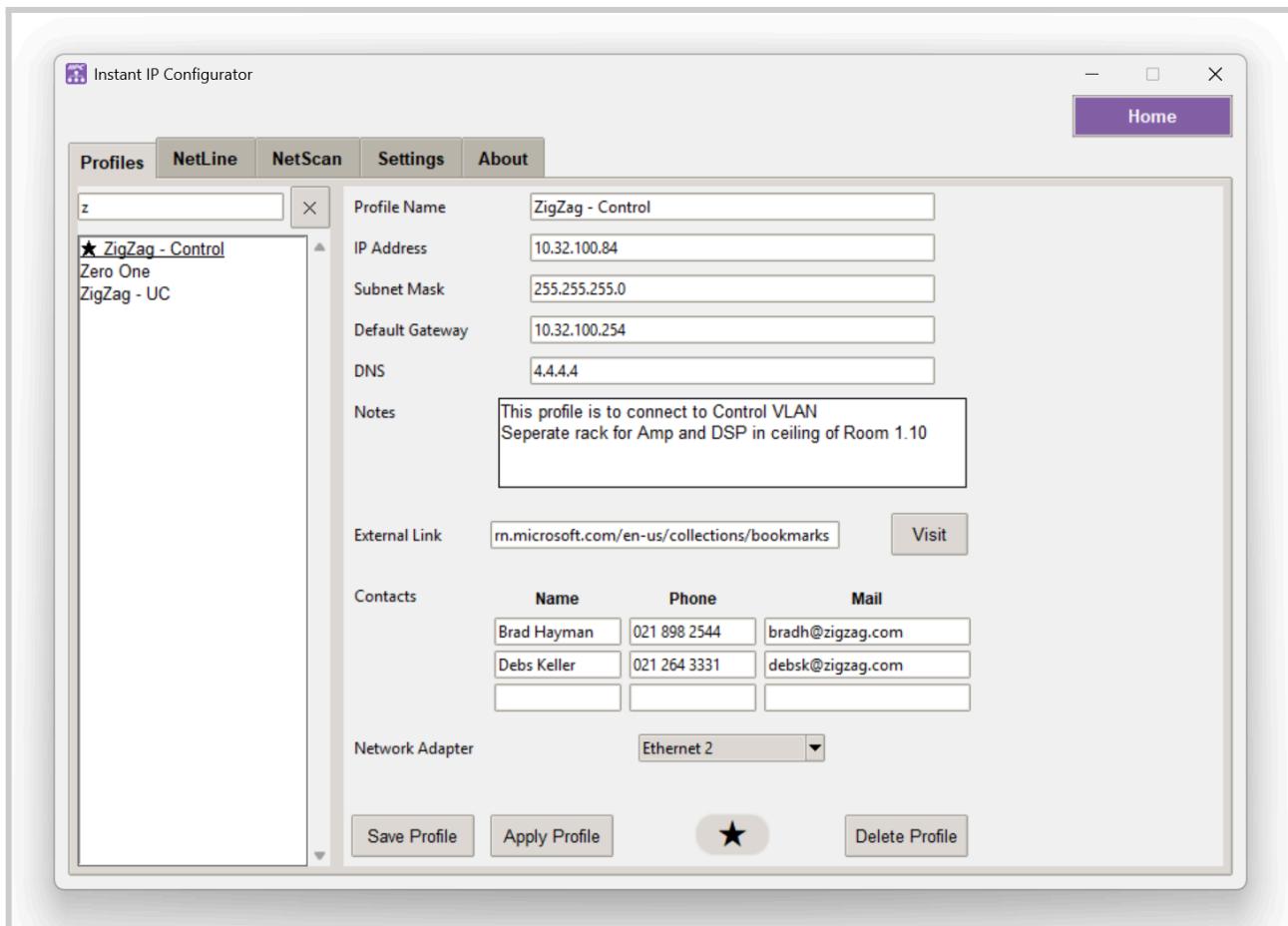
Profiles can also be deleted by selecting a profile on the left and clicking the **Delete Profile button**. Click **Yes** to confirm the delete process.



Use the **Search box** to quickly search for profiles and the “X” button to clear your search.



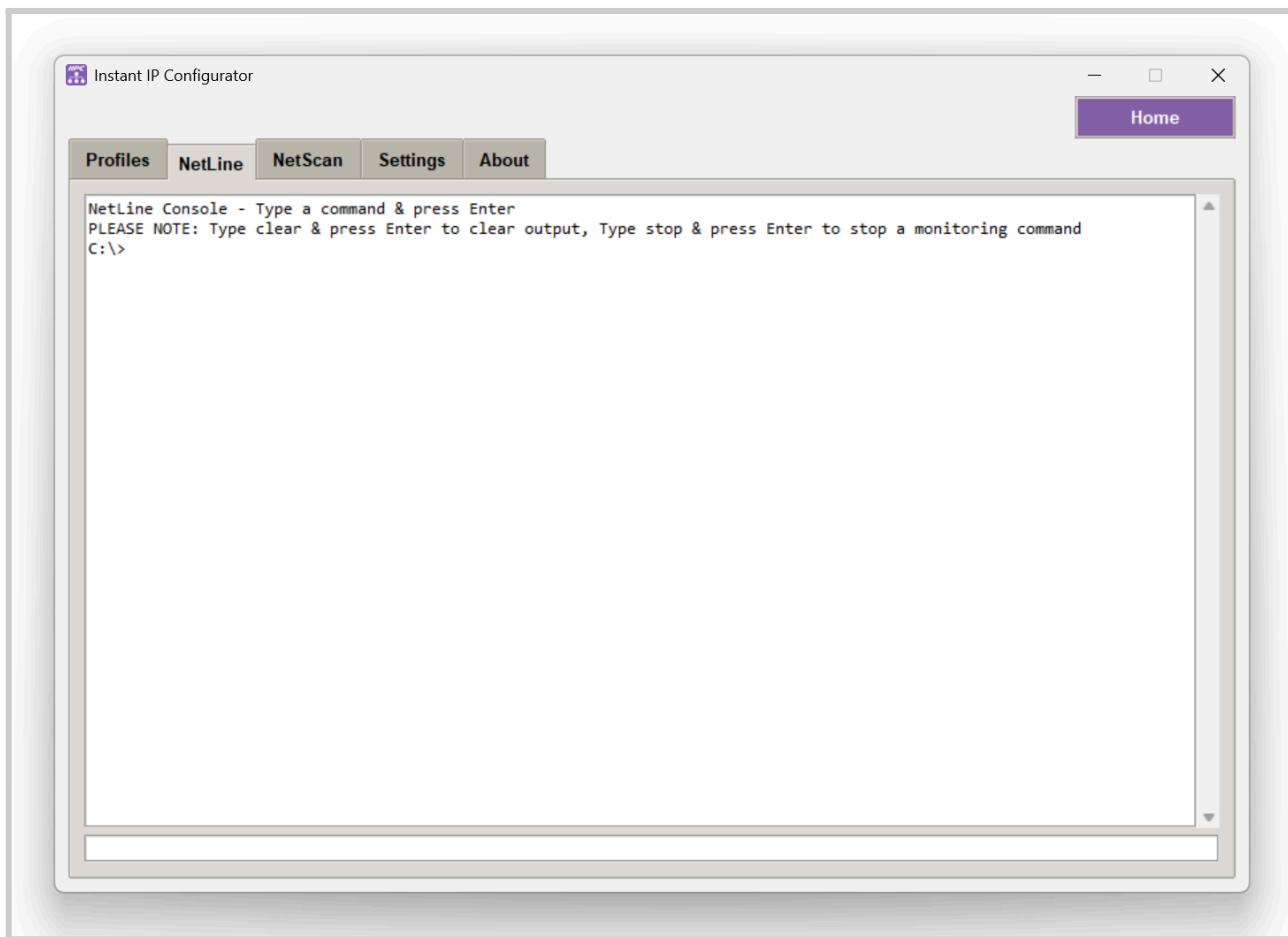
Profiles filtered via search can also be “starred”, but filtered profile results will be automatically cleared when you close IIPC, while the “Star” status will remain in place.



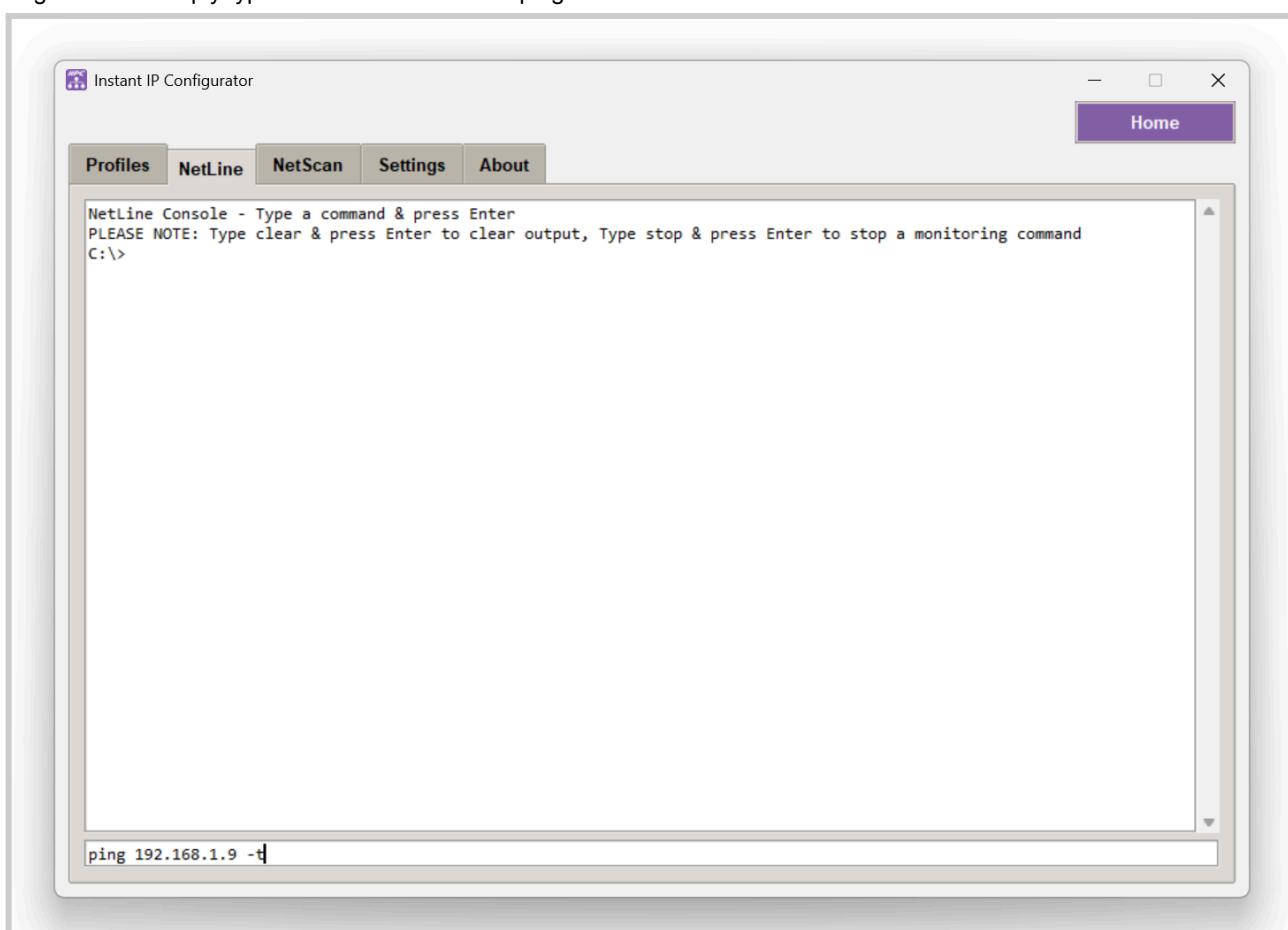
Network Diagnostics

While the core purpose of **Instant IP Configurator** is to allow you to quickly and effortlessly configure the network interface of your Microsoft Windows device, it does have two more “aces up its sleeve”.

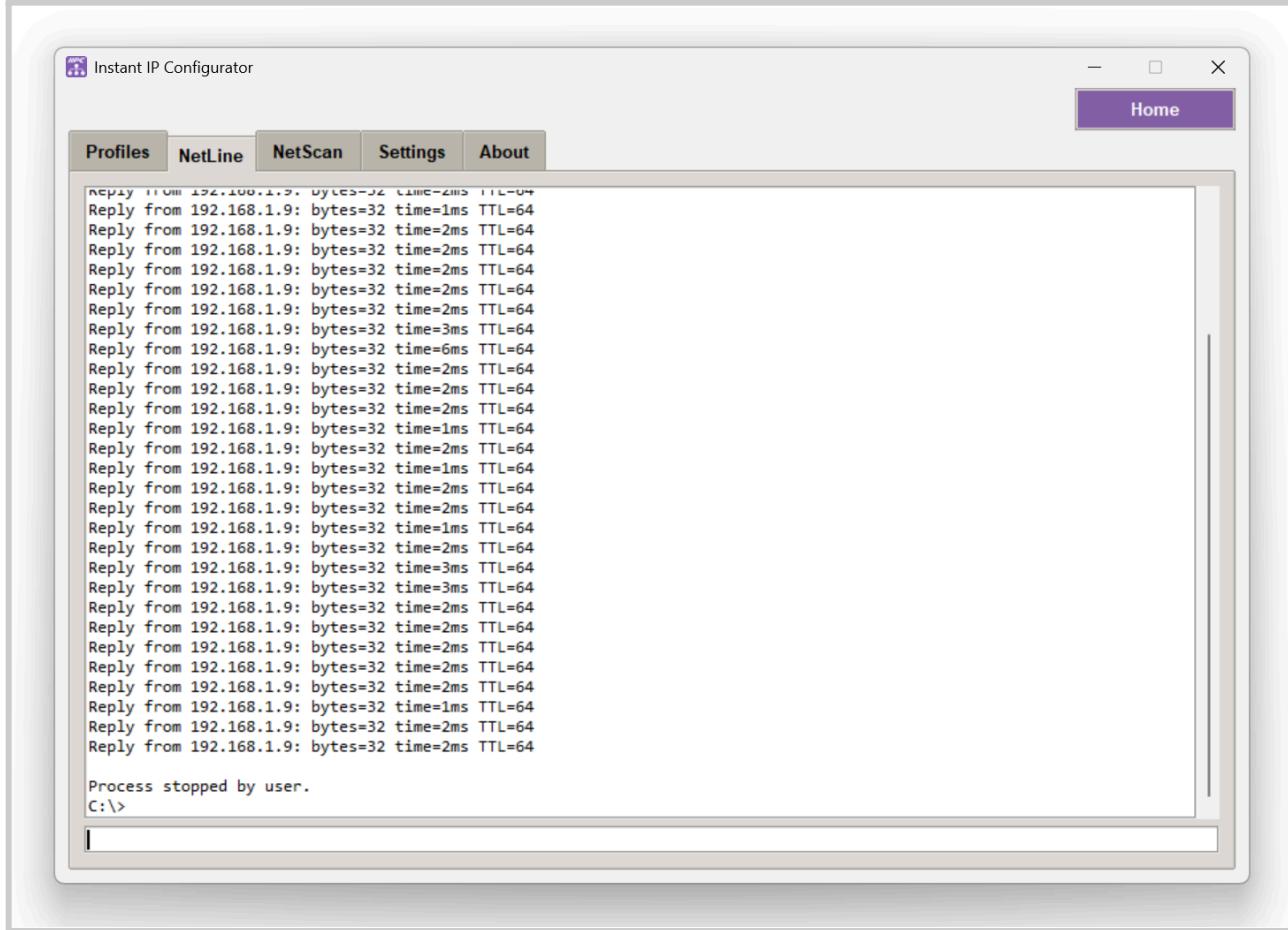
NetLine Console is a full featured, proprietary command line interface, allowing you to do device and network diagnostics via normal CLI/Shell interaction.



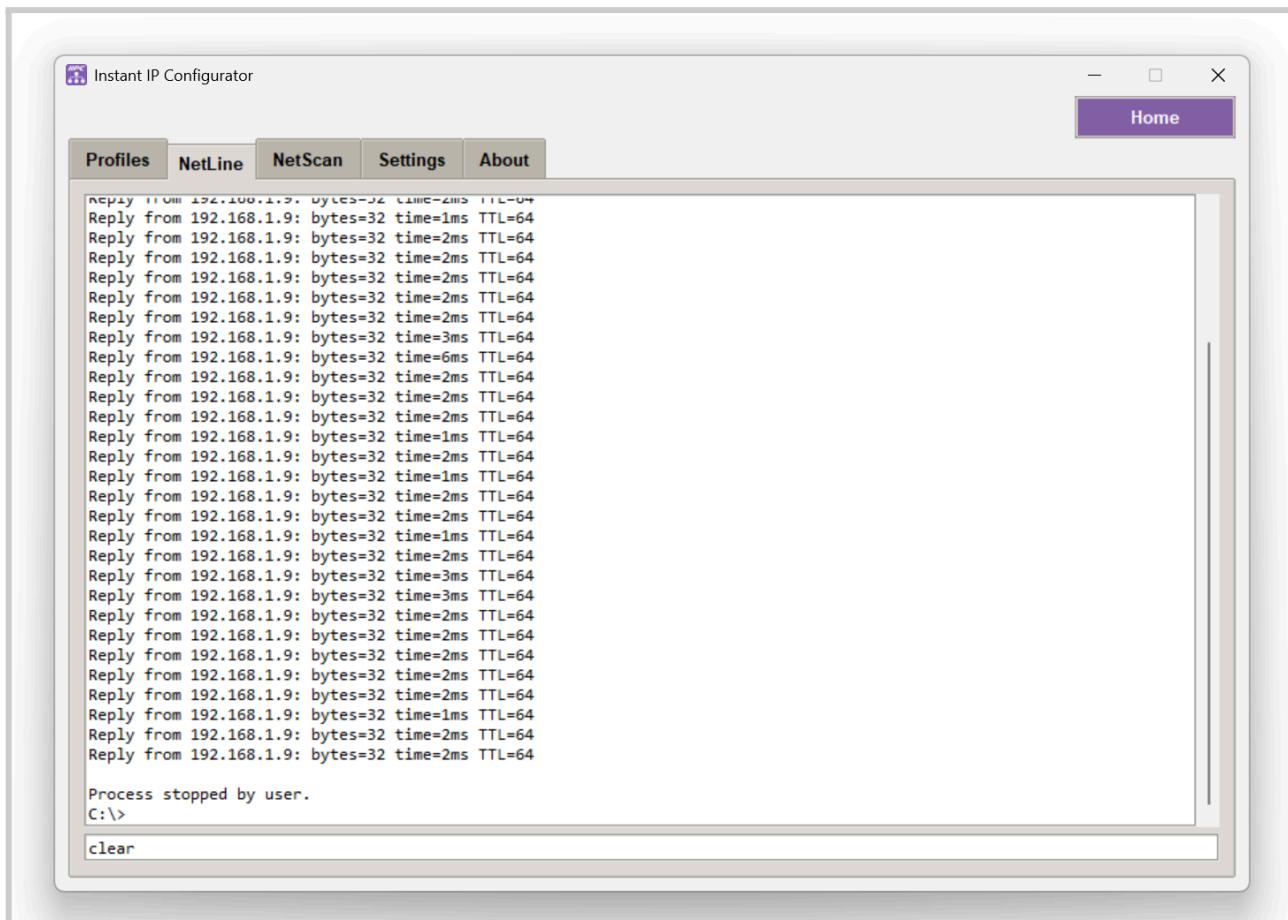
To get started simply type a valid command like “ping”



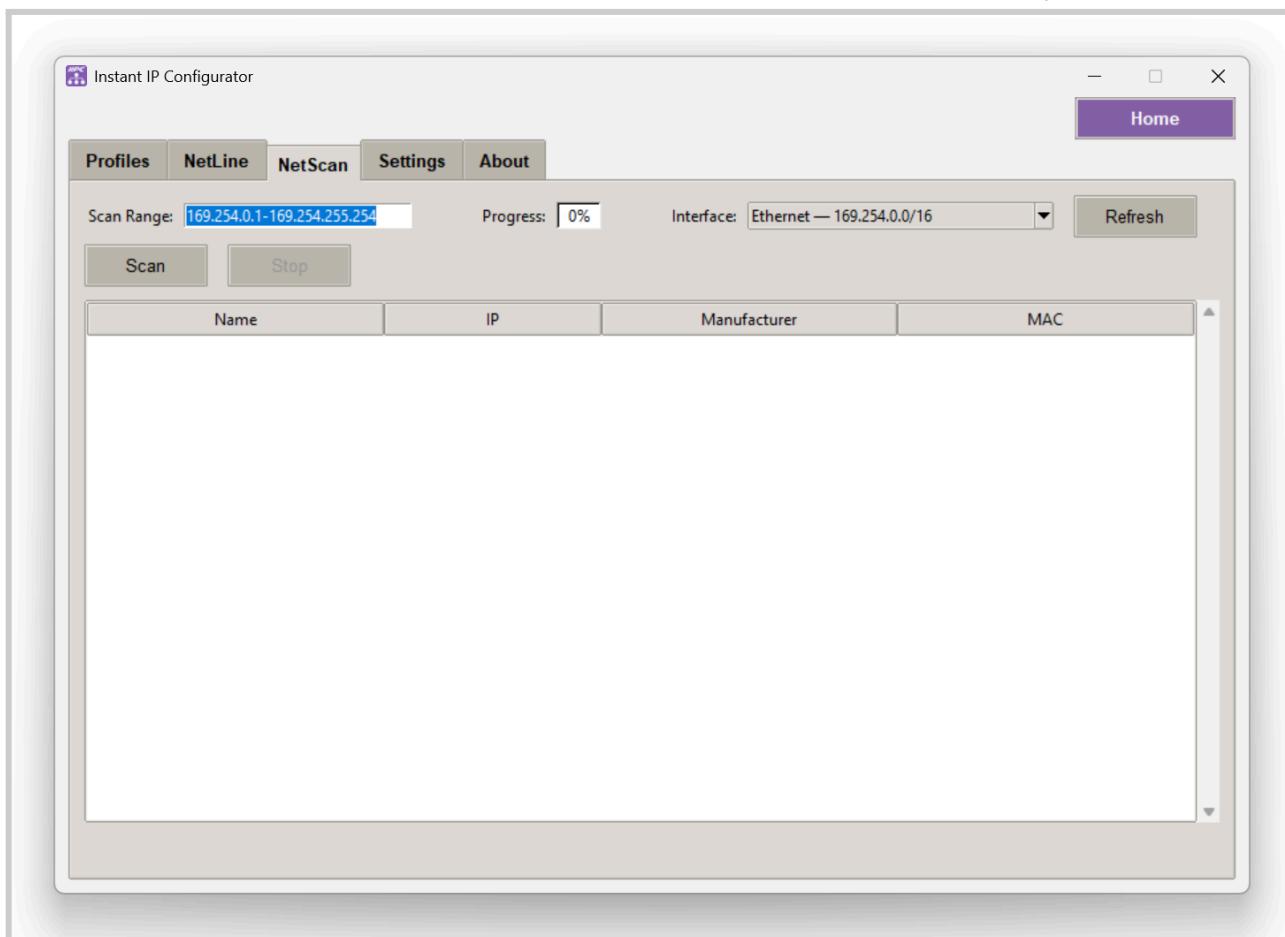
Commands usually associated with other software like Command Prompt and Terminal are supported, but unlike the Ctrl+C shortcut used in other Windows based software to stop a continuous process like “ping -t”, **NetLine** uses a unique “stop” command to stop any running process. Simply type **stop**, **STOP** or **Stop** to end a continuous process.



Another unique command in **NetLine** is the “clear” command to clear the output window and start with a blank output field. The “clear” command does not clear your command history as previous commands will still be accessible with the UP and DOWN arrows on your keyboard. Simply type **clear**, **CLEAR** or **Clear** to clear the output field.

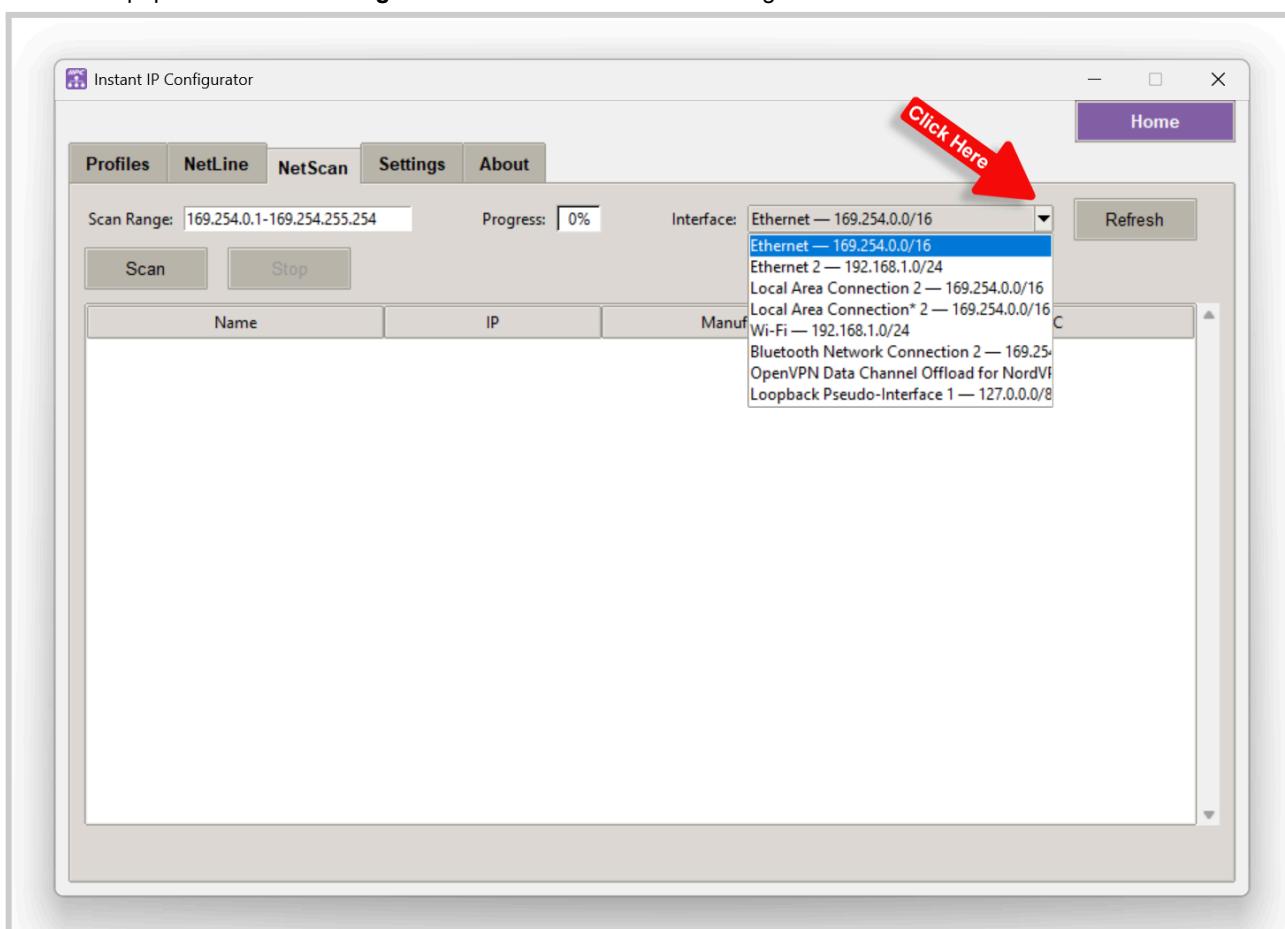


NetScan is a proprietary, fully integrated, multi-mode network scanner that simultaneously uses Ping Sweep, ARP Resolution, Reverse DNS and MAC Lookup to perform IPv4 deep scans of a defined network that you are connected to.



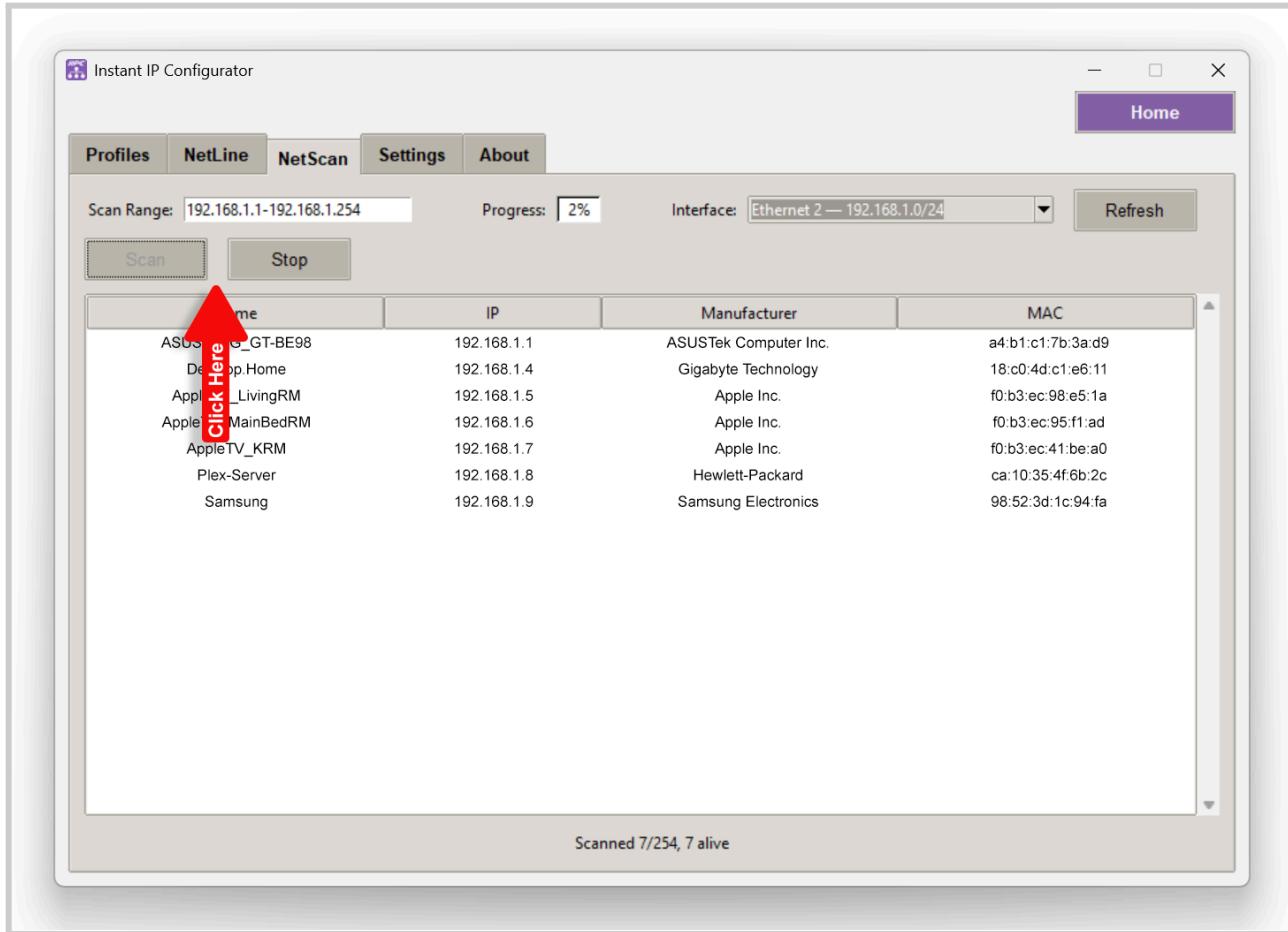
To begin, simply type a full or partial IPv4 range in the **Scan Range field**. The range can be defined as 192.168.1.1-256, 192.168.1.1-192.168.1.256 or 192.168.1.1/24 as an example. You can also scan individual IP's or smaller IP ranges like 192.168.1.1-10 to scan only the first 10 network addresses as an example.

To simplify this even more, you can use the **Interface dropdown menu** and select your currently connected network interface to populate the **Scan Range field** with the current network range associated with that interface.



Please note that by selecting a network interface from the **Interface dropdown menu**, no hardware, software or configuration changes are made, this is simply detecting the network range associated with the selected interface and then populating the **Scan Range field** with that information. The scan range can still be modified if needed. There is also a **Refresh button** to the right of the **Interface dropdown menu** and can be used to refresh/detect network ranges associated with all interfaces, if needed. The **Refresh button** is also not making any hardware, software or configuration changes, it is simply doing a rescan of all network interfaces to detect their current network range as an easy solution to populate the scan range.

Once you have a scan range, click the **Scan button** to start the scan. You can monitor the progress via the % in the **Progress field** and at the bottom of the window, showing how many-of-how many have been scanned and how many are alive. The scan can be stopped at any time with a click on the **Stop button**.



When the scan for the defined scan range is complete the the **Progress field** will be 100% and a “Done-all xx scanned, xx alive” message at the bottom of the window.

The screenshot shows the Instant IP Configurator application window. The title bar reads "Instant IP Configurator". The menu bar includes "Profiles", "NetLine", "NetScan" (which is selected), "Settings", and "About". The main interface has tabs for "Scan" and "Stop". Above the table, there are fields for "Scan Range" (192.168.1.1-192.168.1.254), "Progress" (100%), and "Interface" (Ethernet 2 — 192.168.1.0/24). A "Refresh" button is also present. The table below lists 254 scanned devices, with 18 being alive. The columns are "Name", "IP", "Manufacturer", and "MAC". The last row of the table shows the status "Done—all 254 scanned, 18 alive".

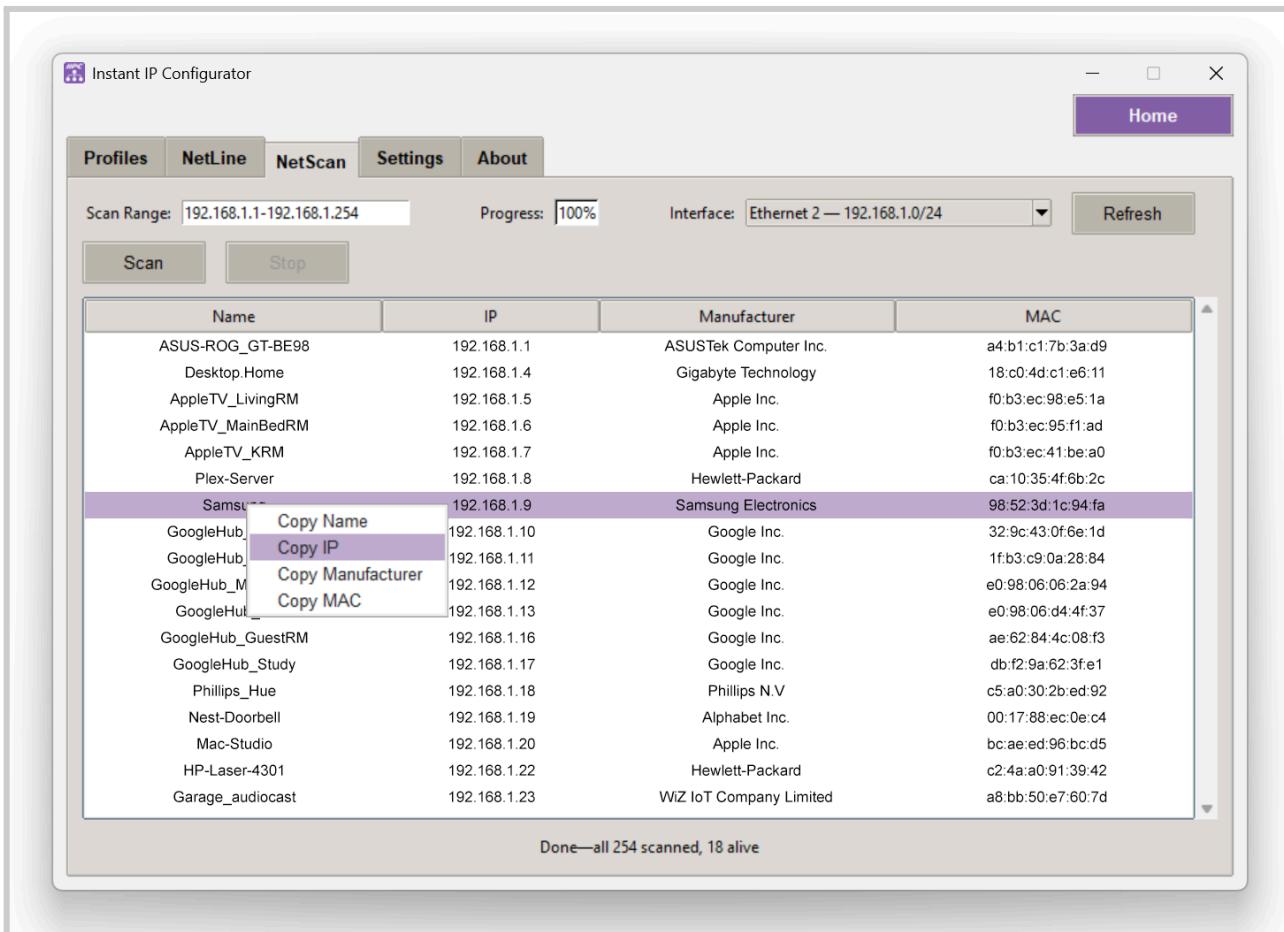
Name	IP	Manufacturer	MAC
ASUS-ROG_GT-BE98	192.168.1.1	ASUSTek Computer Inc.	a4:b1:c1:7b:3a:d9
Desktop.Home	192.168.1.4	Gigabyte Technology	18:c0:4d:c1:e6:11
AppleTV_LivingRM	192.168.1.5	Apple Inc.	f0:b3:ec:98:e5:1a
AppleTV_MainBedRM	192.168.1.6	Apple Inc.	f0:b3:ec:95:f1:ad
AppleTV_KRM	192.168.1.7	Apple Inc.	f0:b3:ec:41:be:a0
Plex-Server	192.168.1.8	Hewlett-Packard	ca:10:35:4f:6b:2c
Samsung	192.168.1.9	Samsung Electronics	98:52:3d:1c:94:fa
GoogleHub_Kitchen	192.168.1.10	Google Inc.	32:9c:43:0f:6e:1d
GoogleHub_Lounge	192.168.1.11	Google Inc.	1f:b3:c9:0a:28:84
GoogleHub_MainBedRM	192.168.1.12	Google Inc.	e0:98:06:06:2a:94
GoogleHub_KRM	192.168.1.13	Google Inc.	e0:98:06:d4:4f:37
GoogleHub_GuestRM	192.168.1.16	Google Inc.	ae:62:84:4c:08:f3
GoogleHub_Study	192.168.1.17	Google Inc.	db:f2:9a:62:3f:e1
Phillips_Hue	192.168.1.18	Phillips N.V	c5:a0:30:2b:ed:92
Nest-Doorbell	192.168.1.19	Alphabet Inc.	00:17:88:ec:0e:c4
Mac-Studio	192.168.1.20	Apple Inc.	bc:ae:ed:96:bc:d5
HP-Laser-4301	192.168.1.22	Hewlett-Packard	c2:4a:a0:91:39:42
Garage_audiocast	192.168.1.23	WIZ IoT Company Limited	a8:bb:50:e7:60:7d

Done—all 254 scanned, 18 alive

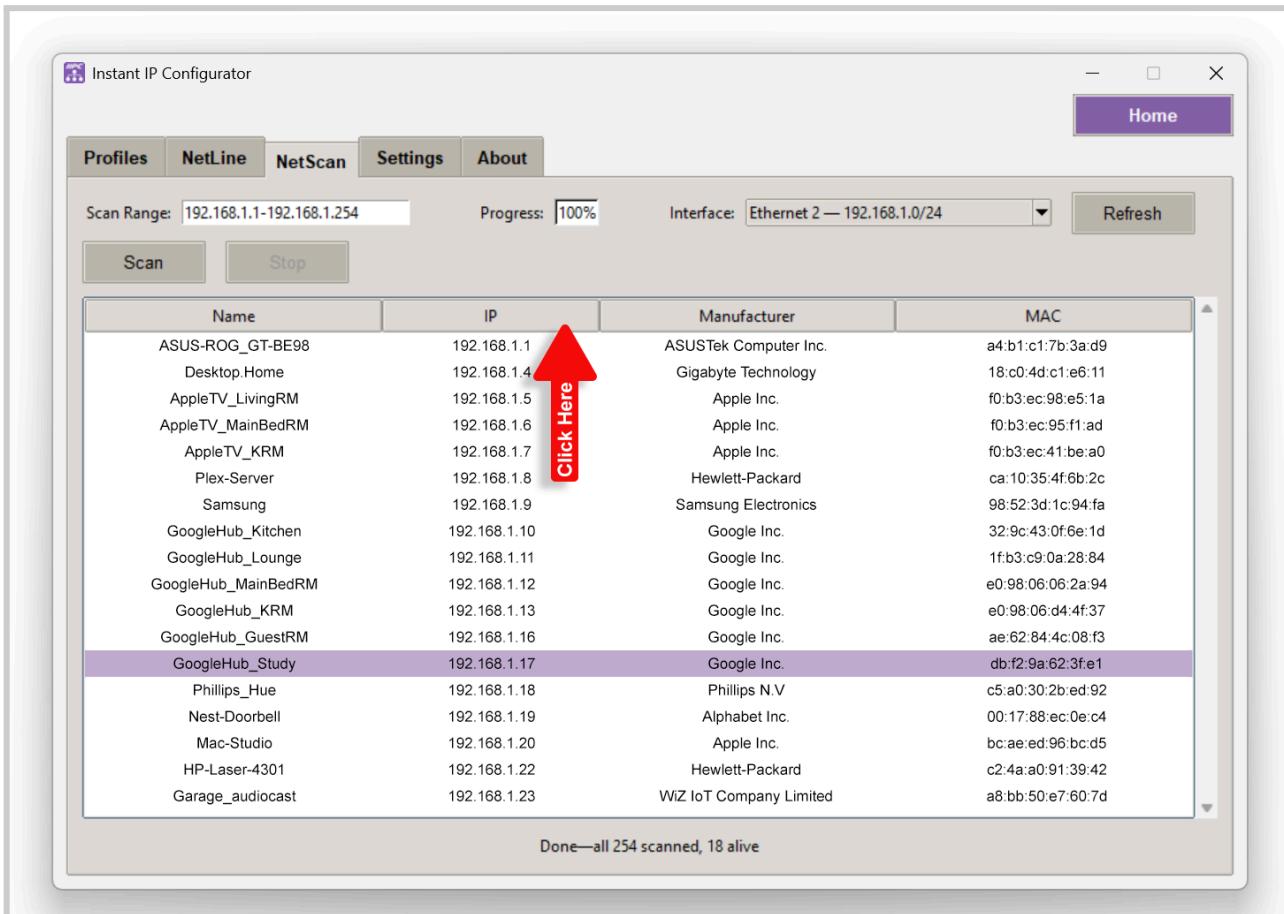
Double click on any scan result to open the web interface for that device in your default browser, if it has a web interface.

This screenshot is identical to the one above, showing the Instant IP Configurator application window with a completed scan. However, the row for the "Samsung" device is highlighted with a purple background, indicating it has been selected. The rest of the interface and data are the same as the first screenshot.

Right click on any scan result to open a context menu from where you can choose to copy the Name, IP, Manufacturer or MAC of that device to your clipboard.

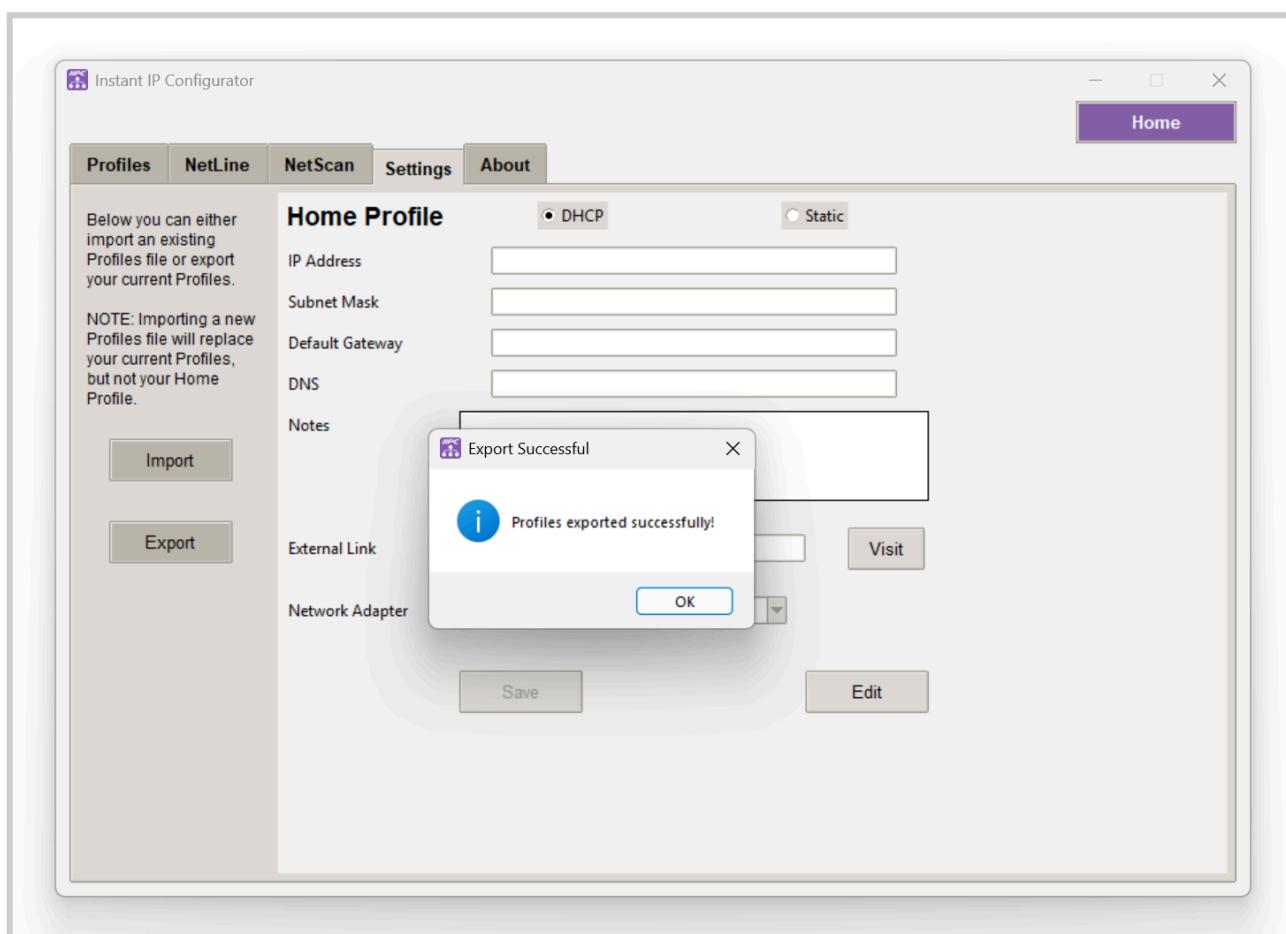
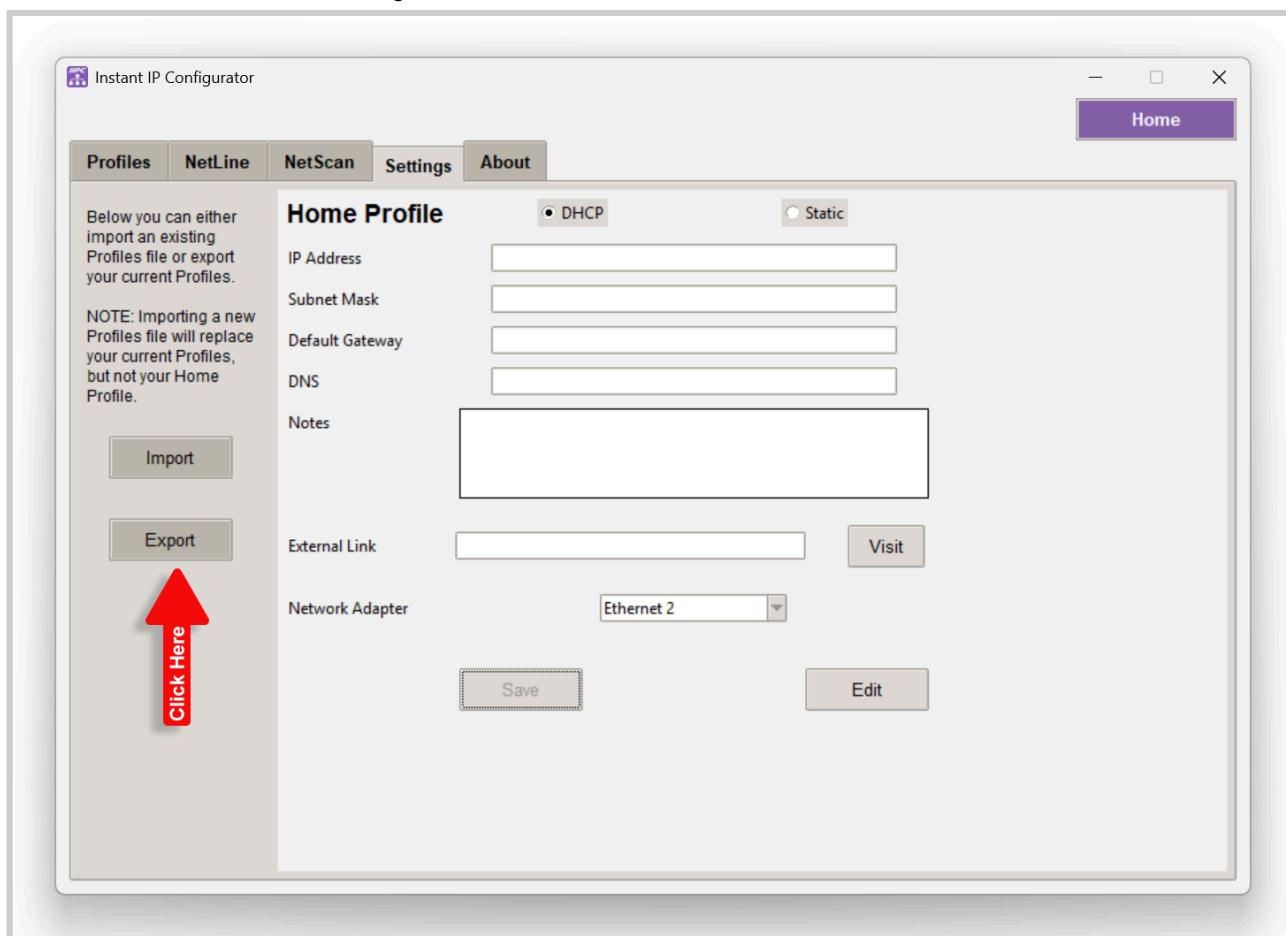


Since **NetScan** uses multiple modes simultaneously for a more effective scan process, you might find that scan results appear mixed up or out of order, but this is easily rearranged in multiple layouts by clicking any of the 4 heading blocks (Name, IP, Manufacturer and MAC). You can also resize the width of these columns by dragging the border between each heading block left or right.



The Final Bits

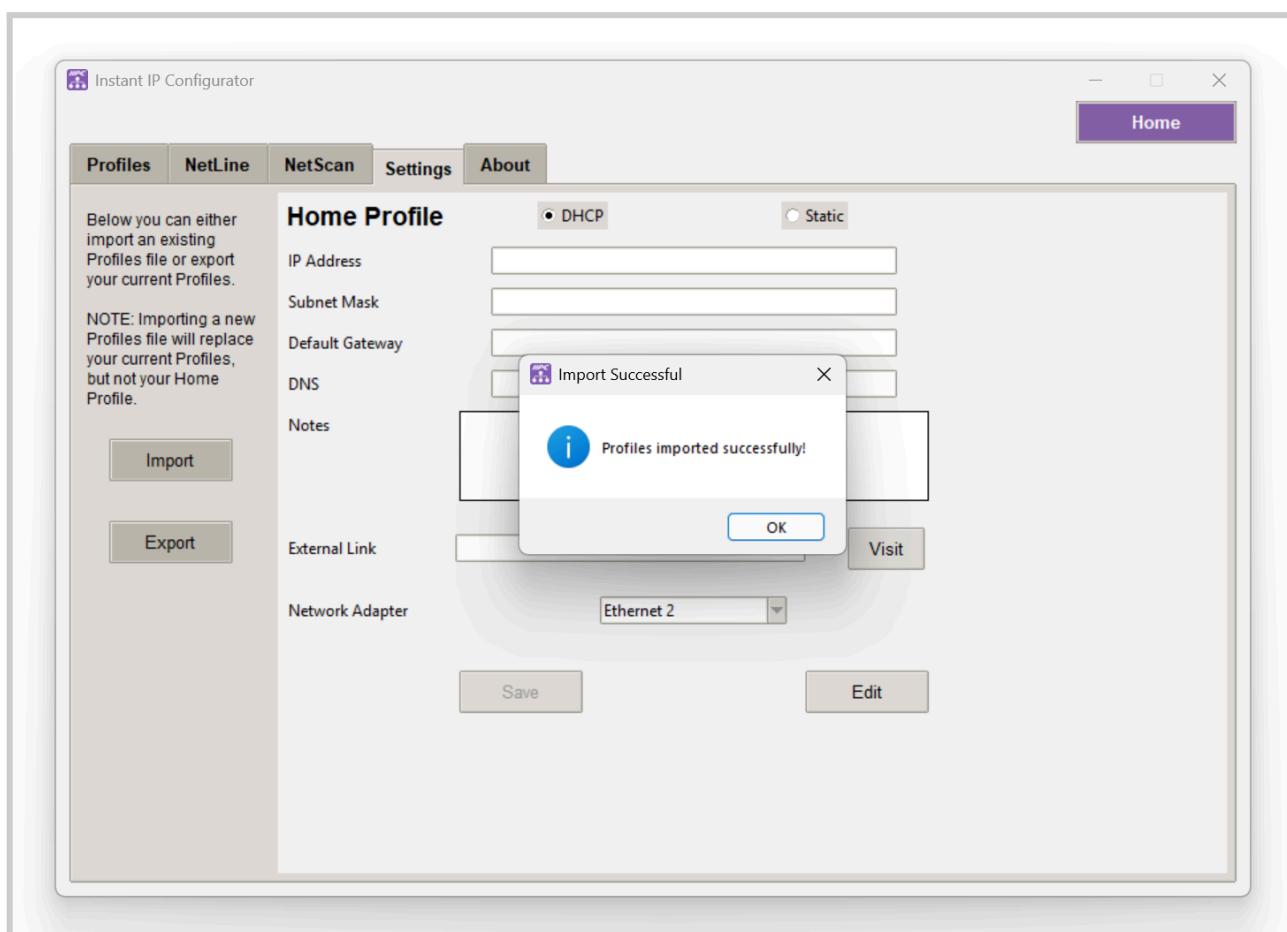
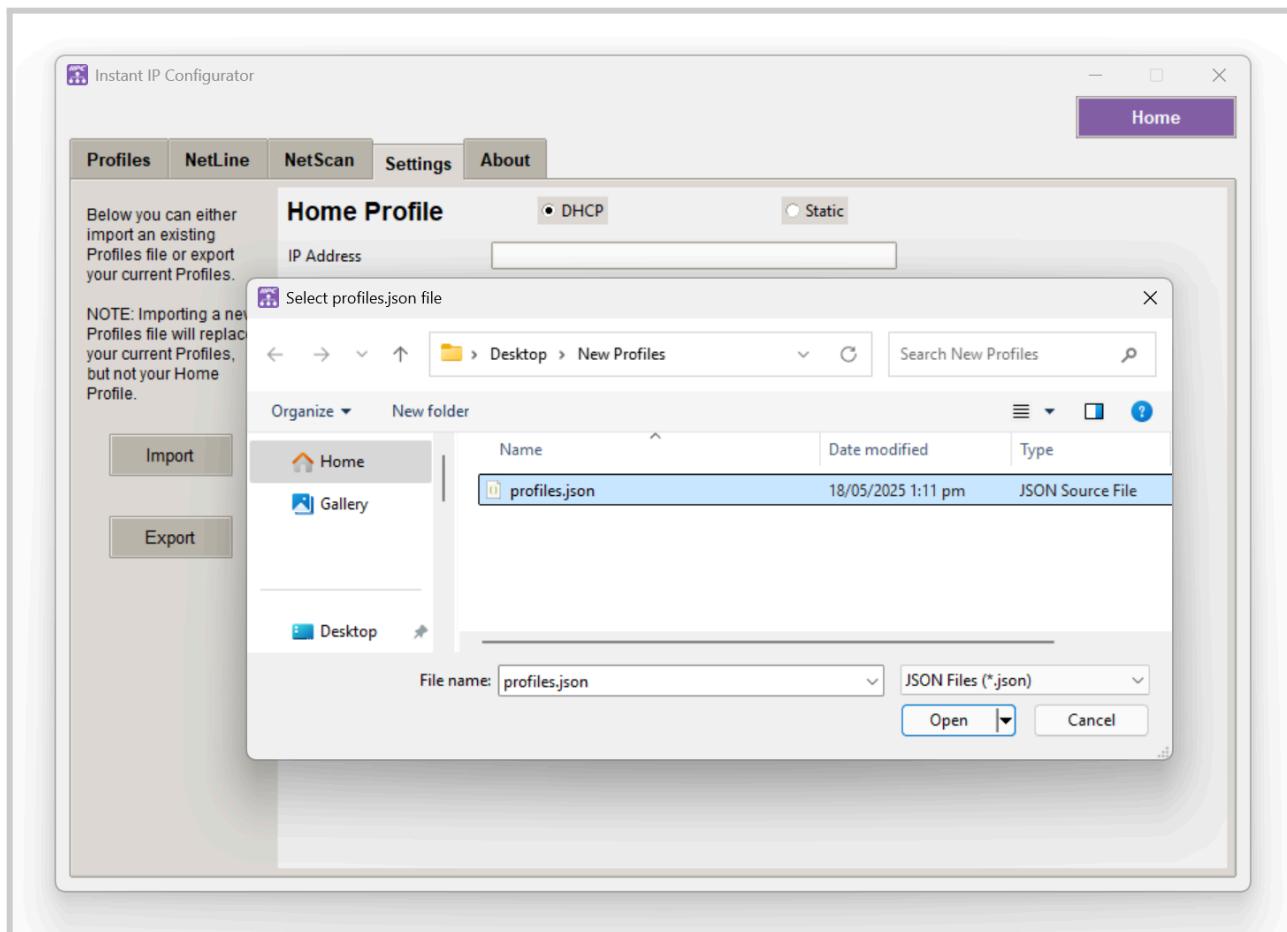
It is considered good practice to save a backup of your profiles in a safe place. This would allow you to easily import them again in the event of a lost device, device upgrade or reinstalling IIPC. If there are multiple people in your company with the same clients/sites then it is even possible for one person to create all the profiles and share his profiles with everyone else by exporting the created profiles. Simply navigate to the **Settings tab** and click on the **Export button** and save the “Profiles” file to a safe storage location.



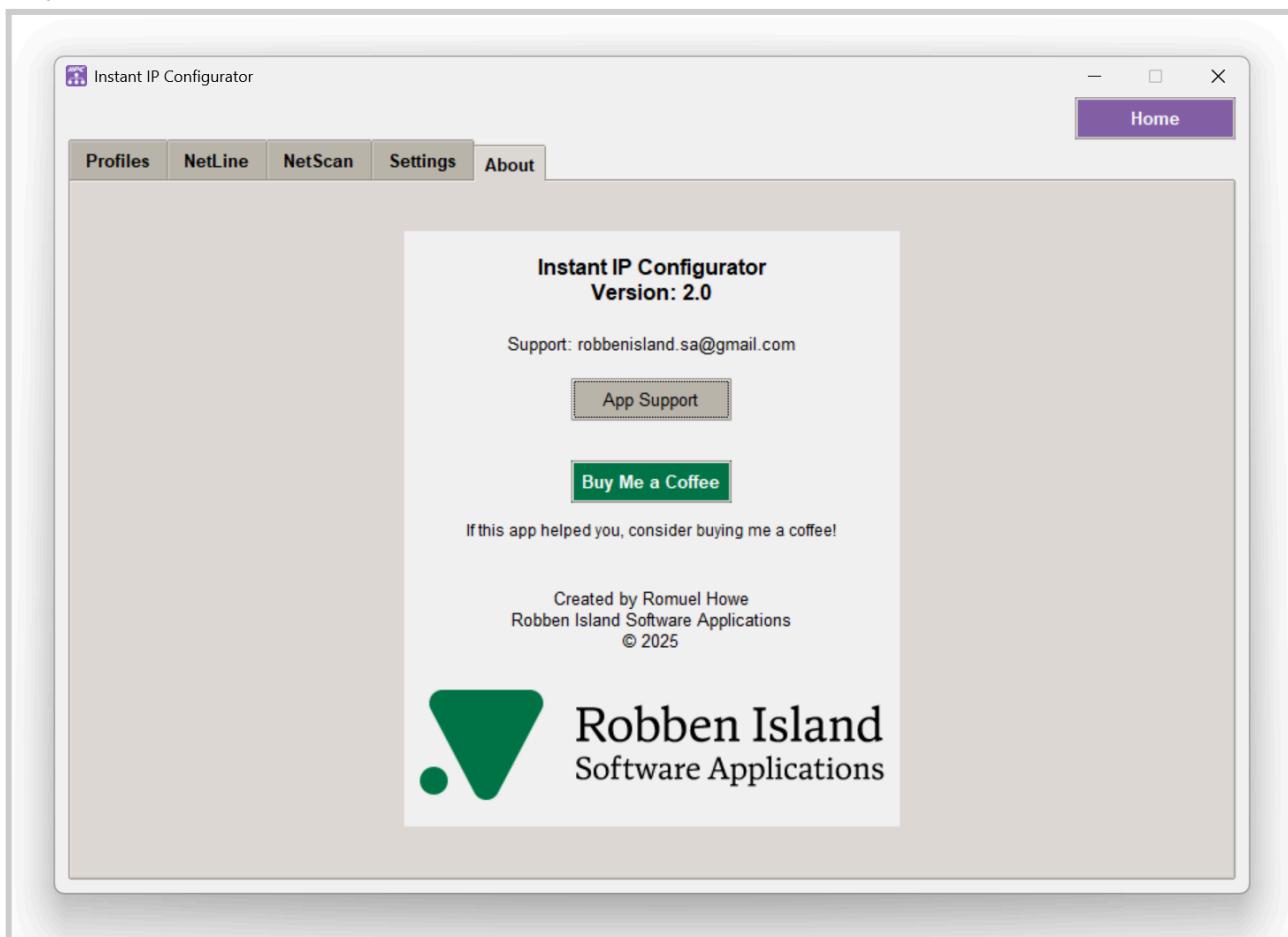
You can also import a saved "Profiles" file which will add all the profiles in that file to your **Profiles tab**.

This is an important step if you are upgrading from the previous version of IIPC and have already created profiles in the previous version. Before uninstalling the previous version you should export your current profiles and then after installing this new version, simply import those profiles again. Click on the **Import button** and navigate to the saved location for your "Profiles" file.

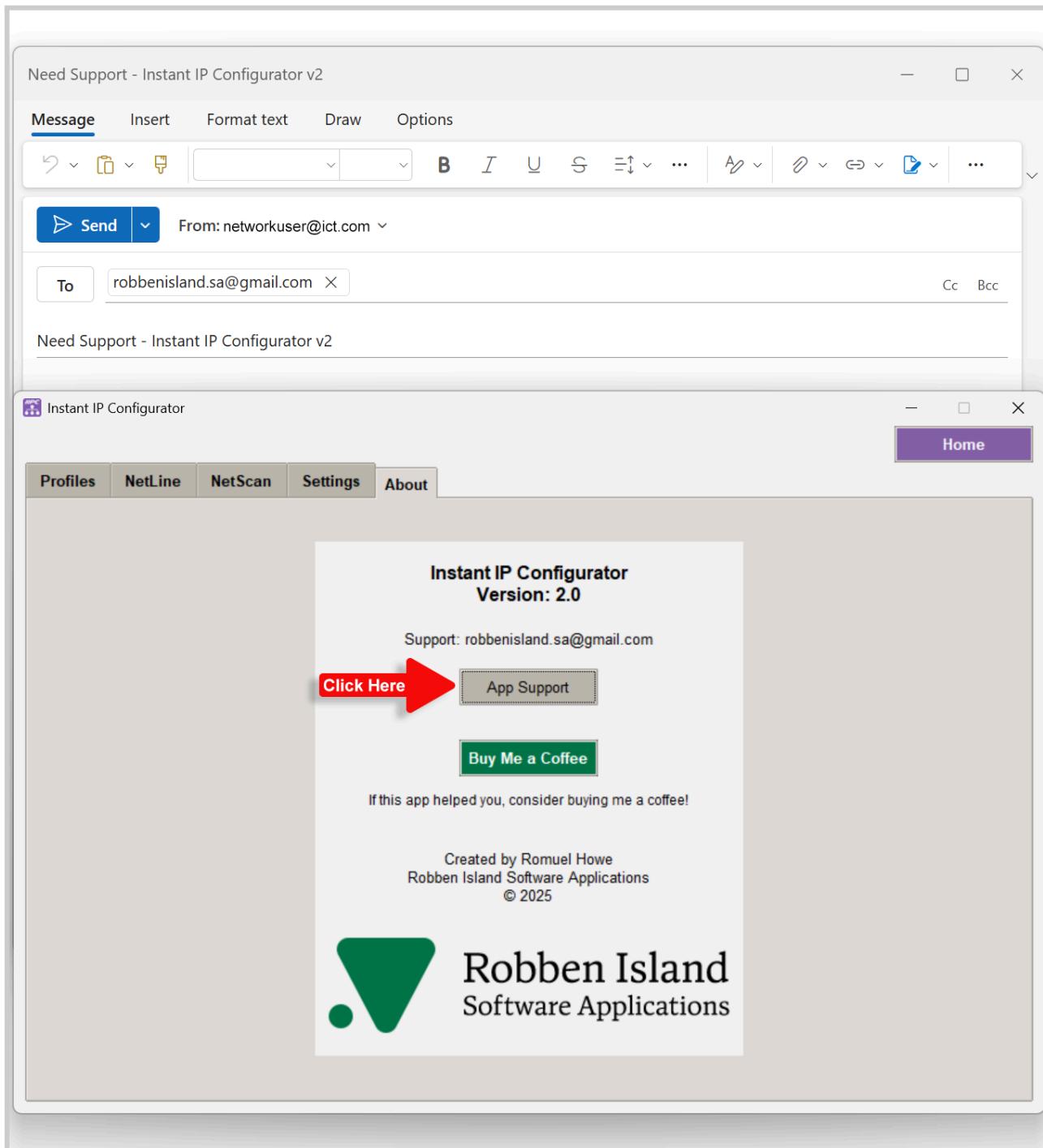
Please keep in mind that when you import a "Profiles" file the new list of profiles will overwrite all profiles currently under the **Profiles tab**. You can continue to add more profile entries under the **Profiles tab** once imported.



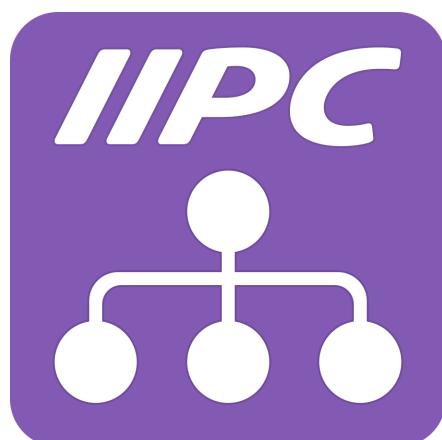
The **About tab** is where you can find your current software version, support for Instant IP Configurator or you can just “**Buy Me a Coffee**” !!! Your support helps to maintain this software and the development of future products.



For technical support and help with your current version of **Instant IP Configurator**, click the **App Support button**, which will open a pre-populated email in your default email client. Add a description of the fault or details about the IIPC help you need in the body of the mail.



I hope that **Instant IP Configurator** will help you be more effective and efficient in the work you do.
Thank you for using **Instant IP Configurator** as your software of choice.



Instant IP Configurator (Version 2.0)
©2025 Robben Island Software Applications