Integration Note

Manufacturer:	Heatmiser
Model Number(s):	**Neo (1st and 2nd Gen hubs)**
g! Core Module Version:	**8.1.401**
Driver Developer:	**Core Programming Limited**
Document Revision Date:	28/06/2017

Overview & Supported Features

This driver allows a g! system to communicate with a Heatmiser neo hub via Ethernet for heating control.

THE FOLLOWING OPTIONS ARE SUPPORTED BY THIS DRIVER:

Auto Discovery: Once licensed the driver will auto discover all Heatmiser neoStats and install them automatically in ELAN with the user assigned names.

Any feature not specifically noted as supported should be assumed to be unsupported.

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CONNECTION DIAGRAM: ETHERNET CONTROL

Refer to the Bill of Materials and Wiring Diagram that follow.

(2) Switch / Router

(1) Network Cable

(4) neo hub

(3) g! System Controller
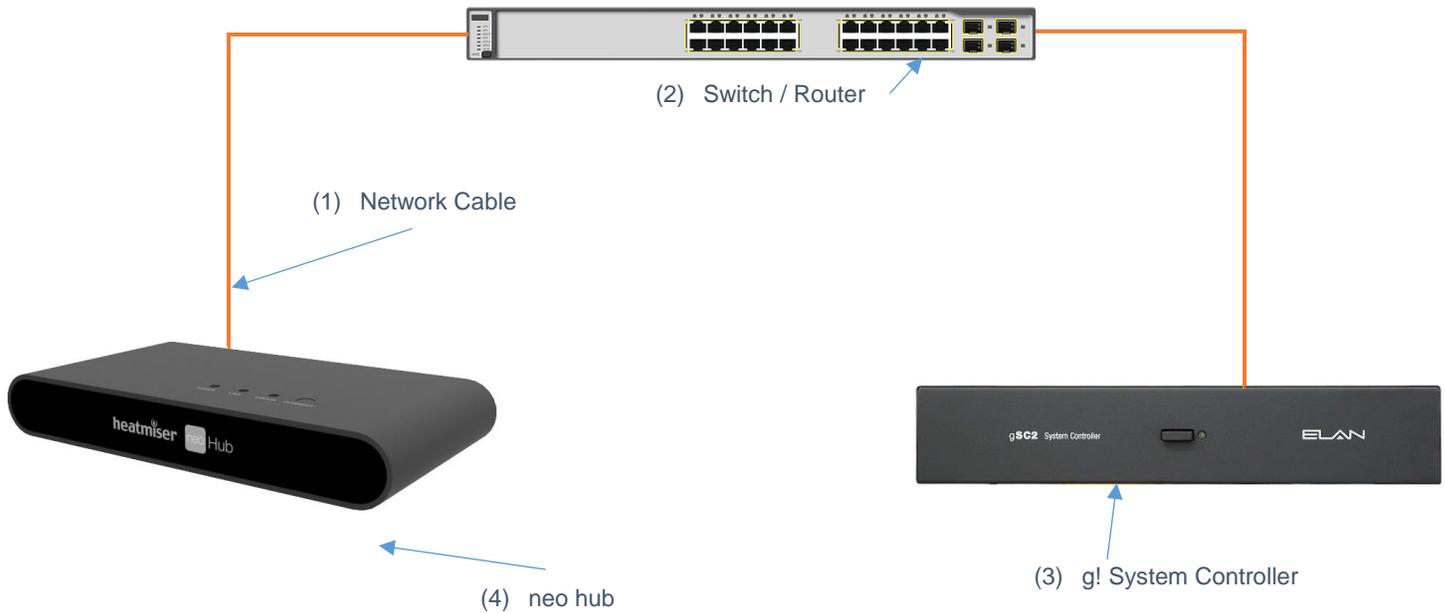
BILL OF MATERIALS

#	Device	Manufacturer	Part Number	Protocol	Connector Type
1	Hub	Heatmiser	Various	Ethernet	RJ-45 Female
2	g! Controller	ELAN	Various (e.g. SC2)	Ethernet	RJ-45 Female
3	Network Switch	Various	Various	Ethernet	RJ-45 Female
4	Network Cable	Various	Various	Ethernet	RJ-45 Male

HEATMISER NEO SETUP

Add and setup devices as described in the Heatmiser app. The Heatmiser system should be fully functional and tested before pairing to ELAN g!.

A static IP address is required. Please use your router to set a reserved DHCP address for the Heatmiser neo hub.
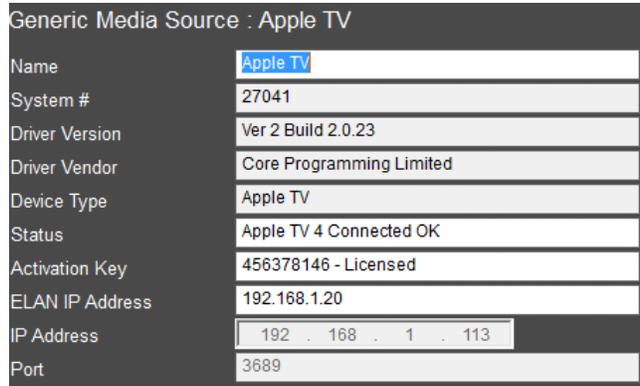
DRIVER LICENSE

This driver requires a license key to function. Pricing and license keys can be obtained by visiting www.intrinsicdev.co.uk

The controller MAC address is needed to generate a license key.

INSTALLATION:

The license key is entered on the main properties page of the driver.

Generic Media Source : Apple TV	
Name	Apple TV
System #	27041
Driver Version	Ver 2 Build 2.0.23
Driver Vendor	Core Programming Limited
Device Type	Apple TV
Status	Apple TV 4 Connected OK
Activation Key	456378146 - Licensed
ELAN IP Address	192.168.1.20
IP Address	192 . 168 . 1 . 113
Port	3689

*Example Image

Once you enter the product license key as shown above click "Apply" to save it and then within 20 seconds the driver will process the key.

After 20 seconds the driver will update the Activation Key window with the status of the license key. To see this update, you must refresh the screen by selecting another tab or device and then going back to this driver. You will either see, as above, that the driver is activated correctly or, as below, the driver is not activated.
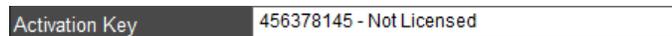
Activation Key	456378145 - Not Licensed

Please check the status of the driver activation before logging a support ticket.

g! CONFIGURATION

The installation process will involve loading a Heating Communication Device driver from a downloaded file.

INSTALLATION PROCESS

It is recommended that you follow the below installation process in order to ensure you are running the latest version of the driver.

1. Download the latest version of the driver from the ELAN dealer support site.

2. We first need to work around an issue with loading Heating Communication Devices. When you right click and select "Add New Communication Device" the window that appears will not have a "Search Folder" button which would normally let you navigate to where you downloaded the driver.
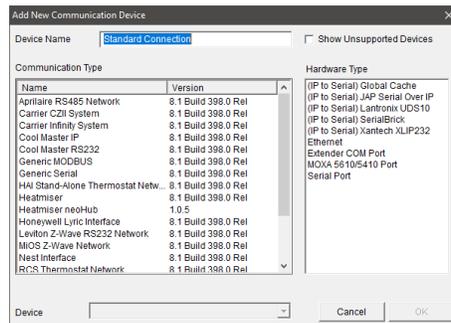
3. So before we can add our new driver in we must use a different window to set our "Home Folder". To do this right click Thermostats and select "Add New Thermostat"
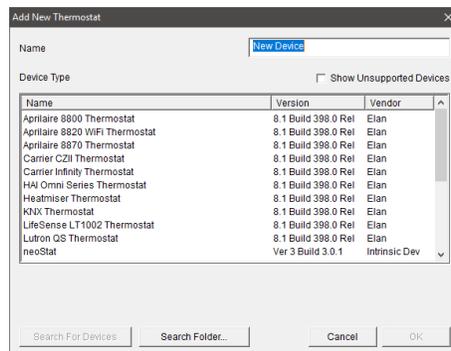
4. Use the "Search Folder" button to navigate to the folder where you downloaded the Heatmiser driver and select ok. You should now have an empty window.

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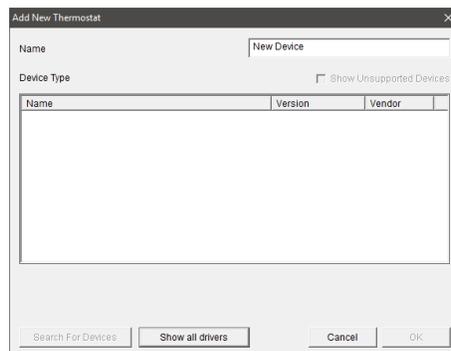
5. Now close this window, right click Communication devices and "Add New Communication Device".

6. You will now have a window that lists all the built in drivers as well as the downloaded "Heatmiser neo" driver.
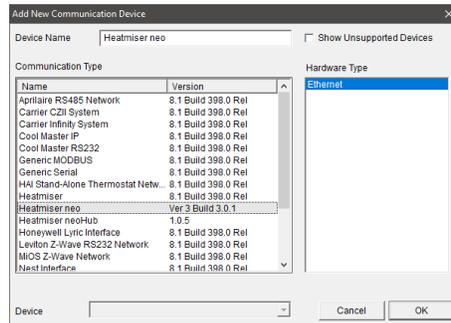
7. Select the driver and click OK.
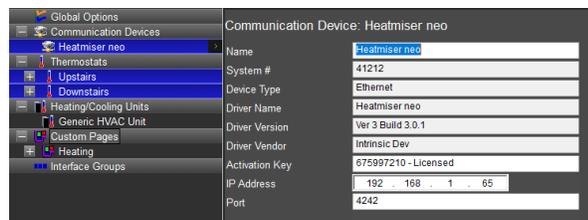
8. Enter your license key and hub IP address then click apply.

9. After 20 to 60 second, provided the IP address and license are correct, the driver will automatically add in all stats paired to the hub.

10. The newly added stats will need a "Generic HVAC Unit" added to configurator and assigned in their "Heating Unit" field.
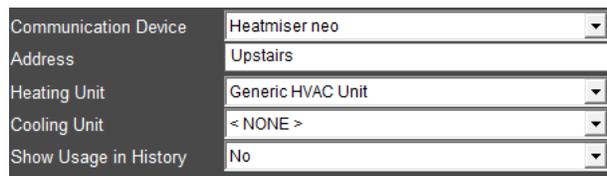
11. Scheduling and setpoints will need setup as normal.

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g! CONFIGURATION DETAILS

The following table provides settings used in Configurator …Please refer to the Configurator Reference Guide for more details.

In the table below:

- o "<Select from list>"   Select the appropriate item from drop down.
- o "<User Defined>", etc.   Type in the desired name for the item.
- o "<Auto Detect>", etc.   The system will auto detect this variable.

Devices	Variable Name	Settings (Ethernet)
Com Device	Name	<User Defined> (Default <Auto Detect>)
	System #	<Auto Detect>
	Driver Version	<Auto Detect>
	Driver Vendor	Intrinsic Dev
	Device Type	Heatmiser neo
	Activation Key	<User Defined> (Enter key supplied by Intrinsic Dev)
	IP Address	<User Defined> (Enter static IP address of matrix)
	Port	<Auto Detect>

COMMON MISTAKES

1. Thermostats not correctly setup in the Heatmiser App.

ELAN DEVELOPER PARTNER INFORMATION

This ELAN driver was written and supported by:

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