**Overview & Supported Features**

The ESXand ECi security systems by Arrowhead Alarm Products (AAP) provides an unprecedented level of alarm, access control & automation integration.

The ELAN g! system is capable of communicating with ESX-1/ ECi devices and now supports fully automatic setup & discovery which ensures that the g! system is always up-to-date and properly configured.

THE FOLLOWING OPTIONS ARE SUPPORTED BY THE ESX and ECi SYSTEM:

* Arming of individual partitions (max of 9 supported by ELAN)
* Disarming of individual partitions
* Bypassing/ Un-bypassing zones
* Viewing system faults
* Memory view (including zone triggering, arm/ disarm & system faults)
* Automatic g! configurator programming based on current panel programming. Including;
  + Partition discovery
  + Zone discovery
  + Partition to zone mapping
  + (Coming soon) – Auto partition/ zone naming from panel programming.

THE FOLLOWING OPTIONS ARE NOT SUPPORTED BY THE ELAN g! SYSTEM:

* ELAN supports a maximum of 9 partitions with our system. Although both of our security systems have 32 available.
* Output control is not currently supported via the ELAN interface.
* Programming/ configuration of the panel is not supported via g! configurator. This must be done prior to adding the driver to the g! configurator.

**Panel Configuration**

Before adding the driver to the ELAN system, set up the panel as normal following the standard ESX/ECi programming manual found [here](https://www.aap.co.nz/site/aap/files/ESX-V2/ELITE-SX%20Install%20Manual%20ESX-2.pdf) to your preferences. > <www.aap.co.nz/ESX>  
Once complete, visit the below programming addresses and ensure that all options are on.

- Prog > 71 > Enter > 32 > Enter > > (turn on 1~9).  
This allows the driver to interact with all available partitions. Be sure that if you are using more than one partition, you have assigned a code to a user who has both disarming privileges (Program 4) as well as assigned to the correct partition (Program 3).  
  
- Prog > 74 > Enter > 32 > Enter > (turn on 1~9).  
This enables the driver to select and arm an individual partition in a “Quick Arm” method. If this is not on, you will need to turn off “Auto Arm” for arm mode 1 in the g! configurator.  
This enables the driver to select and arm an individual partition in a “Quick Arm” method. If this is not on, you will need to turn off “Auto Arm” in the g! configurator.  
  
- Prog > 76 > Enter > 32 > Enter > > (turn on 1~9).  
This enables the driver to select and stay arm an individual partition in a “Quick Arm” method. If this is not on, you will need to turn off “Auto Arm” for arm mode 2 the g! configurator.  
  
Please note: The ELAN system only supports 9 of the total 32 these panels can support. Ensure that you do not exceed this limit.

**g! Configuration**

**IMPORTANT!** Ensure that the panel is pre-configured prior to configuring the ELAN system. This is to make sure that all of the auto discovery works correctly.

- Download the latest ELAN\_ECI drivers [here](https://www.aap.co.nz/site/aap/ELAN_ECI.EDRVC) > <https://www.aap.co.nz/site/aap/ELAN_ECI.EDRVC>  
- Open ELAN g! Tools.  
- Open “Configurator”.  
- On the left menu bar, select “Security”.  
- Right click on “Security Panels” and select “Add New Device…”.  
- Click on the “Search Folder” option, and locate the ELAN\_ECi.ERDVC file saved from earlier.  
- **IMPORTANT!** Connect the serial interface as per the table below.  
- Click the drop down menu labelled “Communication Device” and select “Serial” followed by “Apply”.

Once complete, you will see the zones and partitions auto populate with anything which has been set within the panel programming.  
The system is now configured and ready to go.

**Serial Configuration**

|  |  |  |  |
| --- | --- | --- | --- |
| **Standard** | **Tx** | **Rx** | **Gnd** |
| Cat5/6 a | Orange | White/ Blue | Blue |
| Cat5/6 b | Green | White/ Blue | Blue |

**Still need help?**

If you need assistance with ESX configuration contact technical support on;  
**Email:** Tech@aap.co.nz  
**Phone:** 09-414-0085 (Press 3 for Technical Support).

For anything regarding support of ELAN g! tools and/or hardware support, contact ELAN dealer support.