ELAN® Integration Note

Manufacturer	Aten
Model Number(s):	**PE4104G, PE6108, PE6116, PE6208, PE6216G, PE6324LG, PE8108G, PE8208, PE8216, PE8324**
Core Module Version:	g! 8.8
Comments:	
Document Revision Date:	22-September-2023

OVERVIEW AND SUPPORTED FEATURES

This driver has been designed to provide two-way control of supported ATEN ecoPDUs, via TCP/IP.

THE FOLLOWING FEATURES ARE SUPPORTED BY THE ATEN PDU:

- **Outlet Power Control** - Select an outlet and then choose to send either an **On**, **Off**, **Cycle** or **Reboot** command.
- **Cycle** will turn the outlet off for 10 seconds, before powering it back on again (Elan processor sends separate commands for Off and On).
- **Reboot** will switch the outlet Off and On, with a single command sent from the Elan processor - useful if you wish to reboot a Router, or even the Elan processor itself.
- **MeterPDU readings** Only on support models provides current voltage Usage from outlets and is not support in lite version of the driver

THE FOLLOWING FEATURES ARE NOT SUPPORTED BY THE ATEN PDU:

- Discovery of devices.

ATEN CONFIGURATION

It is recommended that ATEN PDU be installed, configured and tested by a suitably qualified engineer, according to ATEN documentation, and prior to integration with this driver. It is additionally recommended that the PDU be configured with a static IP address in the same range as the Elan processor, in order to avoid communication issues. Finally, it is essential that the PDU's Telnet server is enabled, as this is how the driver will communicate with it.

Open the PDU's web interface by entering its IP address into the address bar of a browser. Log in using the Administrator username and password (by default these are set to "*administrator*" and "*password*" respectively). Choose **Setup**, followed by **Security**, and scroll down to the **Working Mode** section:
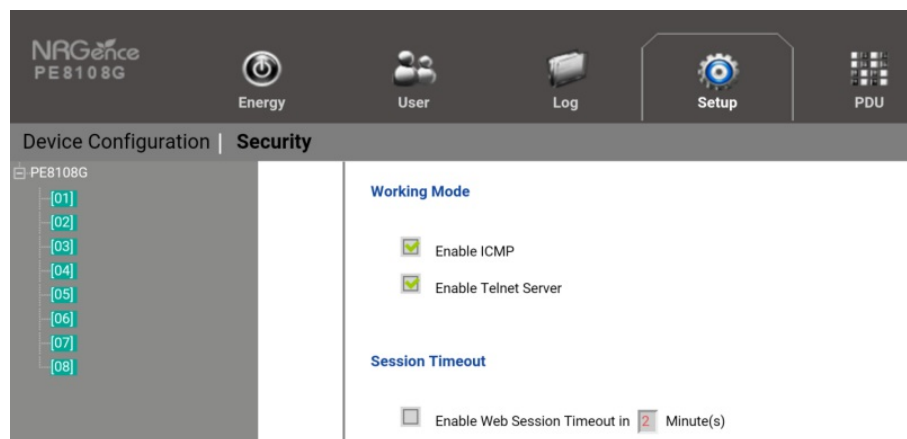
PDU Configuration

g! CONFIGURATION

The release package contains a driver file per model. It is recommended that you follow the below installation process in order to ensure you are running the latest version of the driver.

1. Obtain the latest version of the driver, as described above, and ensure you know the location of the extracted EDRVC driver files on your computer's hard drive.
2. Right click on the Relay Outputs heading and select Add New Output Controller.
3. From the Add New Output Controller window, choose Search Folder and navigate to your driver location, before clicking OK. The upgrade location is now set.
4. Select the appropriate driver for the device model and click OK.
5. Enter the IP address of the device to connect to in the driver properties.

g! CONFIGURATION DETAILS

The following table provides settings used in Configurator when connecting to the PDU. Please refer to the Configurator Reference Guide for more details. In the table below:

- <User Defined>, etc. Type in the desired name for the item.
- <Auto Detect>, etc. The system will auto detect this variable.

Devices	Varibale Name	Settings	
PDU Device	Name	<User Defined>	
	System #	<Auto Detect>	
	Status Color Coding	<Select from list>	
	Status	<Auto Detect>	
	Driver Version	<Auto Detect>	
	Driver Vendor	Janus	
	Installed	<Auto Detect>	
	Device Type	Aten eco PDU Model	
	Power Link	<Select from list>	
	Device Username	<User Defined>	
	Device Password	<User Defined>	
	Licence Key	<Provided on Purchase>	
	IP Address	<User Defined>	
	Port	<User Defined>	

Supported Event Map Commands

COMMON MISTAKES

1. Ensure the IP address is entered correctly, and the latest version of the driver is installed.