

# Configuring SquirrelView for Radio Modems

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**Important Note:** Before configuring any modems please ensure the required logger type is selected from the SquirrelView Assistant. If multiple logger types are used please select the logger type with the lowest communication Baud Rate.

### 1. Communication Type Selection

Select “Communication Wizard” from the SquirrelView Assistant and select “Modem” as the communication type. Select “Default connection” if required and “Next to continue”



Select the “DataTaker/Elpro 805U” option and select the communication port to which the modem will be connected to.

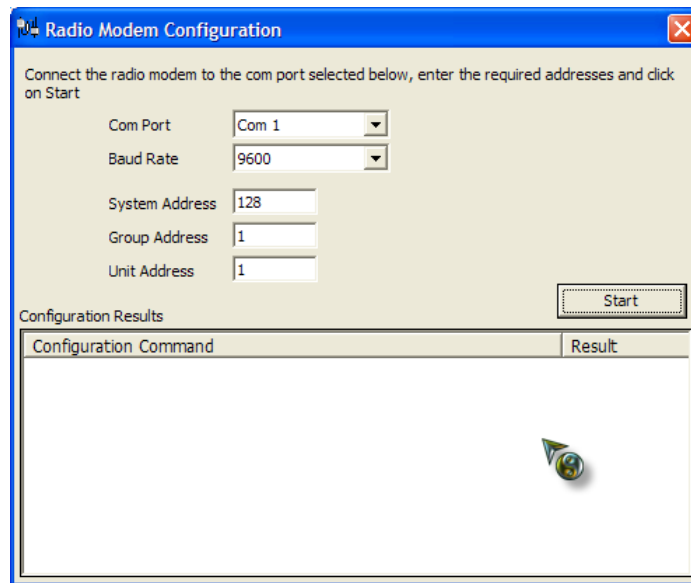


## 2. Modem Configuration

If this is the first time you have used these modems or you are adding a new modem to your network you must configure each and every device before continuing. Click 'Configure Modem' to continue or click 'Finish' to complete configuration.



The following screen allows you to configure Elpro radio modems.



- First connect the radio modem to your PC via the serial communication port using a straight-through RS232 cable.
- Select the Com Port used from the dropdown list provided and the Baud Rate which the modem communicates at (by default this is 9600, if the modem has been previously configured then this will be the maximum communication rate used by the selected logger type).
- If you have designed your radio modem network to use System and Group addresses please modify the defaults values now, else leave the default values as defined.
- Each unit in your radio modem network group must have a unique Unit Address. For the first device allocate "1" and for your second "2" and so on.

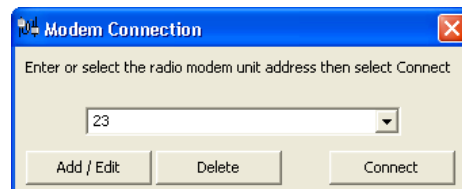
- Now click 'Start'. If your modem does not wake please reset your modem as described in the Elpro manual and try again.
- Complete all the above points for each modem ensuring a different Unit Address is assigned to each modem.
- When all devices have been configured, close the 'Radio Modem Configuration' screen and click Finish from the Communication wizard. The SquirrelView Assistant will now display "Elpro Radio Modem on Com port #" to verify your selection.

### 3. Connecting to a Radio Modems from SquirrelView

Ensure that a straight through RS232 cable is used between the PC and its modem and a Grant LC75 RS232 cable between the logger and its modem.

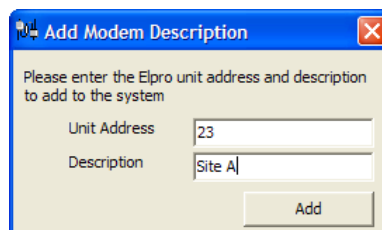
Now that the correct communication selection has been made, make the selection of the required function such as 'Logger Control'. The Modem Connection screen will be displayed.

1. To connect to a device type the Unit Address into the drop down list and click 'connect'.



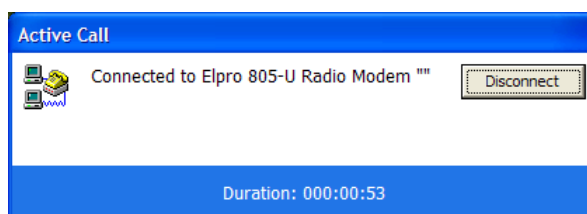
OR

To allocate a device name for easy identification and usage later, click 'Add/Edit'. Enter a Unit Address and Description then click 'Add'.



Your new device will be added to the dropdown list which can be selected followed by clicking 'Connect'.

2. On successfully connection to the logger the following screen will be displayed:-



3. Communicate with the logger as required, when finished with the connection click 'Disconnect'.

**4. Troubleshooting**

If you experience any problems with the Modem please reset the Modem to its factory defaults and try again before contacting technical support.

- Disconnect the power to the Modem
- Set the switches on the 'Aerial' end of the modem to 0100
- Reconnect the power to the Modem
- Set the switches back to 0000