Overview

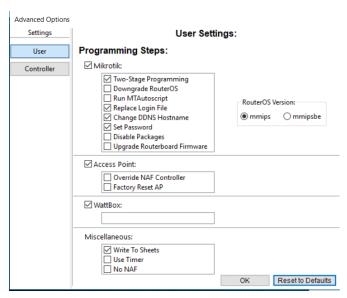
- I. Insert picture here detailing button/menu option purposes
- II. Program UI uses a Google Sheet to edit the NAF. Editing access is granted through a service account. The following email is used to share spreadsheets so the service account can read/edit them:

vaughansheetautomation@vaughansheetsautomation.iam.gserviceaccount.com

Options Menu

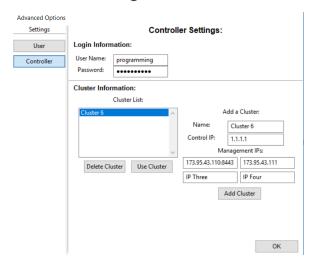
Menu for customizing the programming process

I. <u>User</u> - Options for customizing the programming process



- Mikrotik (Default, Not implemented) Choose whether to configure the mikrotik or not
 - a) <u>Two-Stage Programming</u> (Default On) Enables or disables the **Reset** Panels button
 - b) <u>Downgrade RouterOS</u> (Default On, Legacy) Downgrade RouterOS
 - c) Run MTAutoscript (Default On, Legacy) Runs the MTAutoscript
 - d) Replace Login File (Default On) Replaces login file
 - e) <u>Change DDNS Hostname</u> (Default On) Replaces the DDNS hostname in the Dynu script
 - f) Set Password (Default On) Sets the Mikrotik password
 - g) <u>Disable Packages</u> (Default On, Legacy) Disables the mpls, wireless, and ppp packages

- h) <u>Upgrade Routerboard Firmware</u> Upgrade routerboard firmware
- i) RouterOS Version (Not implemented) Choose which RouterOS version to configure the Mikrotik with. The options are:
 - (1) mmips (Default On)
 - (2) mmipsbe
- 2. Access Point (Default on) Choose whether to configure the Access Point or not
 - a) Override NAF Controller Use the selected cluster from the list in the Controller section of the Options Menu instead of the cluster found on the NAF for configuring APs
 - b) <u>Factory Reset AP</u> Factory reset the AP in order to move it to a new controller automatically (If controller passwords change, they will have to be added to the code as APs do not update their SSH password unless connected their controller)
- 3. WattBox (Default on) Choose whether to configure the WattBox or not
- 4. Miscellaneous
 - a) Write To Sheets (Default on) Choose whether to write to the NAF or not
 - b) <u>Use Timer</u> (Legacy) When this option is enabled the user will be unable to enable the **Program Panels** button until 210 seconds after the first panel has been reset in the **Reset Panels** process
 - c) No NAF Choose whether to use a NAF or not.
 - (1) When enabled this allows the user to load SSIDs from a text file, separated by newlines, with information being output to 'PanelInformation.txt' in the programs directory.
 - (2) A cluster must be selected in the Controller section of the Options Menu for this method
- 5. Reset to Defaults Resets the User Options Menu back to the default options
- II. <u>Controller</u> Options for customizing controller connection setup



A. Login Information - Input the login information for the controller cluster

- 1. <u>User Name</u> Login used to logon to controller cluster
- 2. Password Password used to logon to controller cluster
 - a) Both Username and Password are encrypted in memory (SHA-2)

B. Cluster Information:

- 1. <u>Cluster List</u> Displays previously added cluster lists for use by the user, selected cluster information is displayed in the input boxes to the right of the list
 - a) Delete Cluster Removes a cluster from the list
 - b) Use Cluster Tells the UI to use the selected cluster if either the **No NAF** option or the **Override NAF Controller** option is enabled
 - c) Add Cluster Gets input from the user and tests the IPs gathered for accuracy before adding the cluster to the list under the given name
 - (1) Control IP is not yet supported but must be entered as a valid IP address
 - (2) A Port may be manually entered on any IP input box If no port is entered it will default to 8443
- C. OK Button Submits the options and controller information to the main GUI