

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. **User** - Options for customizing the programming process

Advanced Options

Settings

User

Controller

User Settings:

Programming Steps:

☒ Mikrotik:

- ☒ Two-Stage Programming
- ☐ Downgrade RouterOS
- ☐ Run MTAutoscript
- ☒ Replace Login File
- ☒ Change DDNS Hostname
- ☒ Set Password
- ☐ Disable Packages
- ☐ Upgrade Routerboard Firmware

RouterOS Version:

☒ mmips ☐ mmipsbe

☒ Access Point:

- ☐ Override NAF Controller
- ☐ Factory Reset AP

☒ WattBox:

Miscellaneous:

- ☒ Write To Sheets
- ☐ Use Timer
- ☐ No NAF

OK Reset to Defaults

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

- h) Upgrade Routerboard Firmware - 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) Factory Reset AP - 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) Use Timer (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. Controller - Options for customizing controller connection setup

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

1. User Name - 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. Cluster List - 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