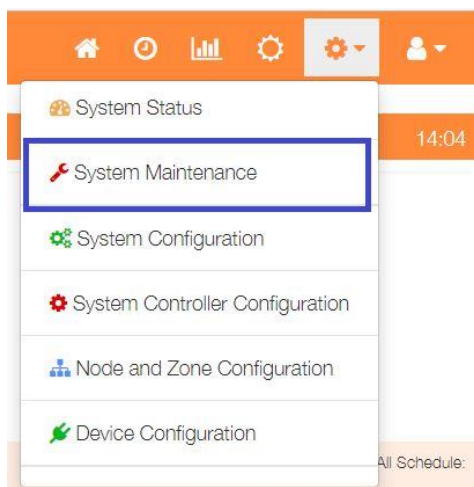# MaxAir – Software Install

MaxAir includes a number of 3rd party add-on modules to enhance the capability of the system. At the present time two add-on modules are available:
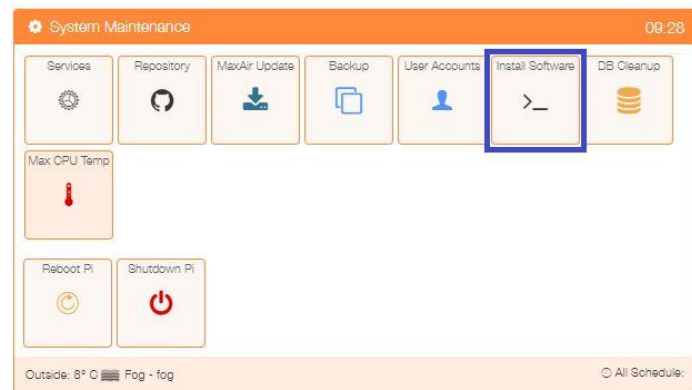
1. Amazon Echo – uses the 'fauxmo' add-on to enable boost control through the use of the Amazon Echo Home Assistant, which includes voice control, see
   https://github.com/n8henrie/fauxmo
2. HomeKit – uses the 'homebridge' add-on to enable boost control through the use of Apple's HomeKit application, which includes 'Siri' voice control, see
   https://github.com/homebridge/homebridge/wiki/Install-Homebridge-on-Raspbian

These add-on modules are not installed by default, the user needs to install and configure them before they are usable, this can be achieved from the user interface.

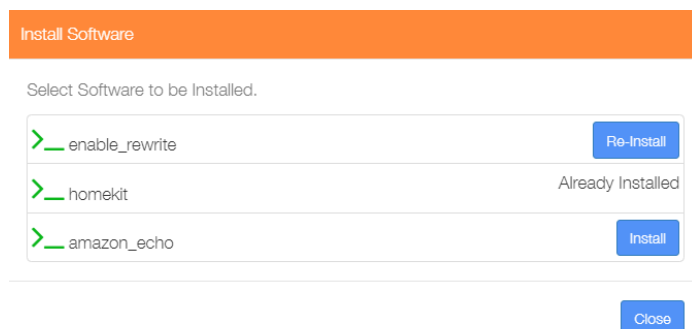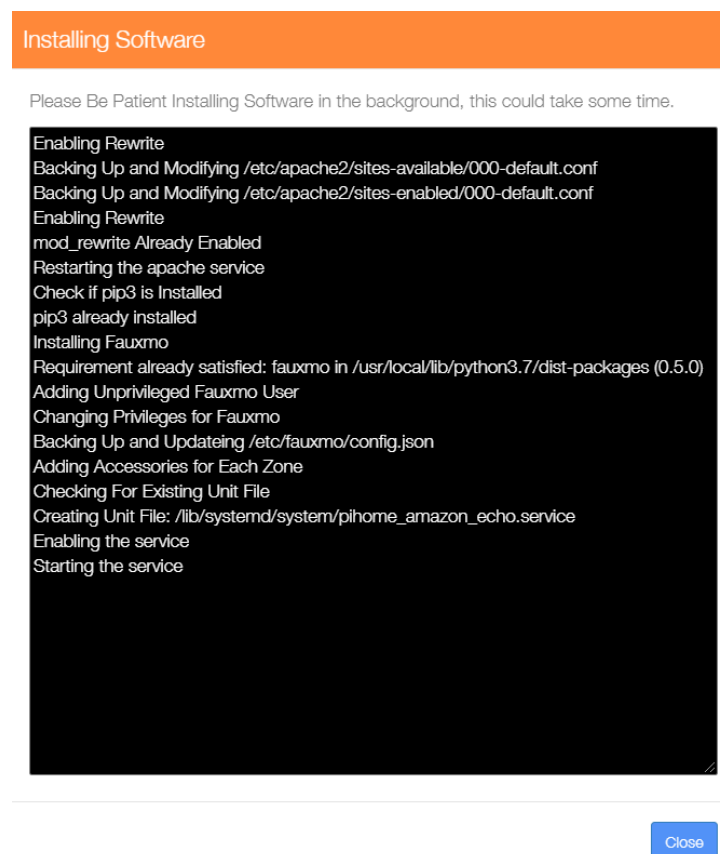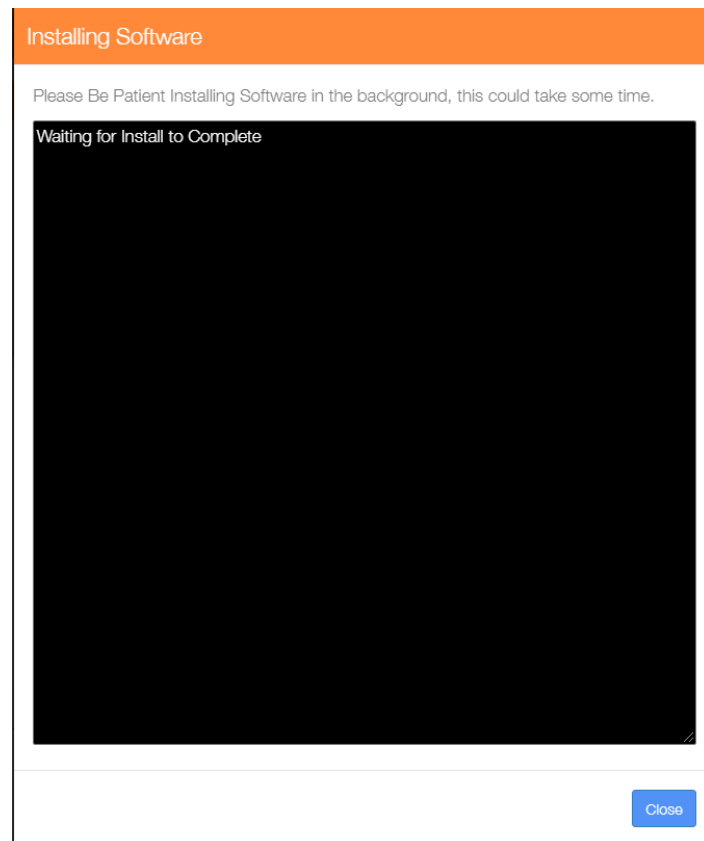## Software Install

Select 'System Maintenance' from the Settings dropdown list, then click the 'Install Software' button.
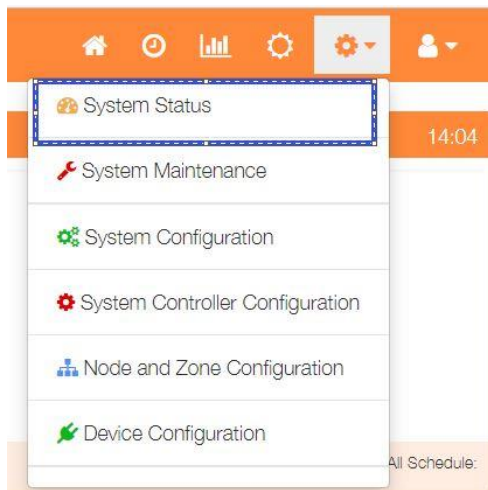

The Install Software selection menu will be displayed, for any software not yet installed, click to install as required.
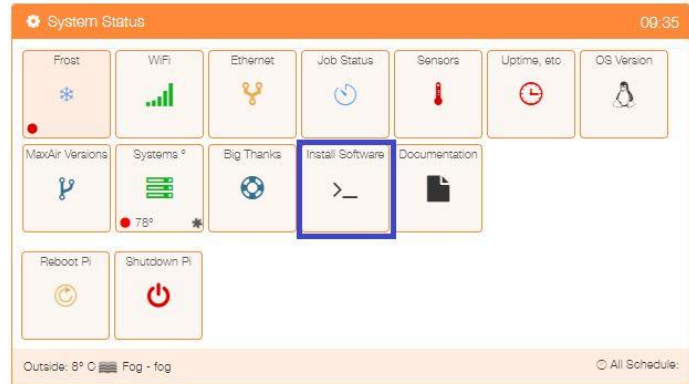
The software will be installed as a background task, a progress dialogue will be displayed. The dialogue can be closed before completion without interrupting the background installation task.

Installing Software

Please Be Patient Installing Software in the background, this could take some time.

```
Waiting for Install to Complete
```

Close

Installing Software

Please Be Patient Installing Software in the background, this could take some time.

```
Enabling Rewrite
Backing Up and Modifying /etc/apache2/sites-available/000-default.conf
Backing Up and Modifying /etc/apache2/sites-enabled/000-default.conf
Enabling Rewrite
mod_rewrite Already Enabled
Restarting the apache service
Check if pip3 is Installed
pip3 already installed
Installing Fauxmo
Requirement already satisfied: fauxmo in /usr/local/lib/python3.7/dist-packages (0.5.0)
Adding Unprivileged Fauxmo User
Changing Privileges for Fauxmo
Backing Up and Updateing /etc/fauxmo/config.json
Adding Accessories for Each Zone
Checking For Existing Unit File
Creating Unit File: /lib/systemd/system/pihome_amazon_echo.service
Enabling the service
Starting the service
```

Close

The results of the last software installation task can be shown by selecting 'System Status' from the Settings dropdown list, then click the 'Install Software' button.

Results of Last Software Install Action

```
Enabling Rewrite
Backing Up and Modifying /etc/apache2/sites-available/000-default.conf
Backing Up and Modifying /etc/apache2/sites-enabled/000-default.conf
Enabling Rewrite
mod_rewrite Already Enabled
Restarting the apache service
Check if pip3 is Installed
pip3 already installed
Installing Fauxmo
Requirement already satisfied: fauxmo in /usr/local/lib/python3.7/dist-packages (0.5.0)
Adding Unprivileged Fauxmo User
Changing Privileges for Fauxmo
Backing Up and Updateing /etc/fauxmo/config.json
Adding Accessories for Each Zone
Checking For Existing Unit File
Creating Unit File: /lib/systemd/system/pihome_amazon_echo.service
Enabling the service
Starting the service
```

Close