

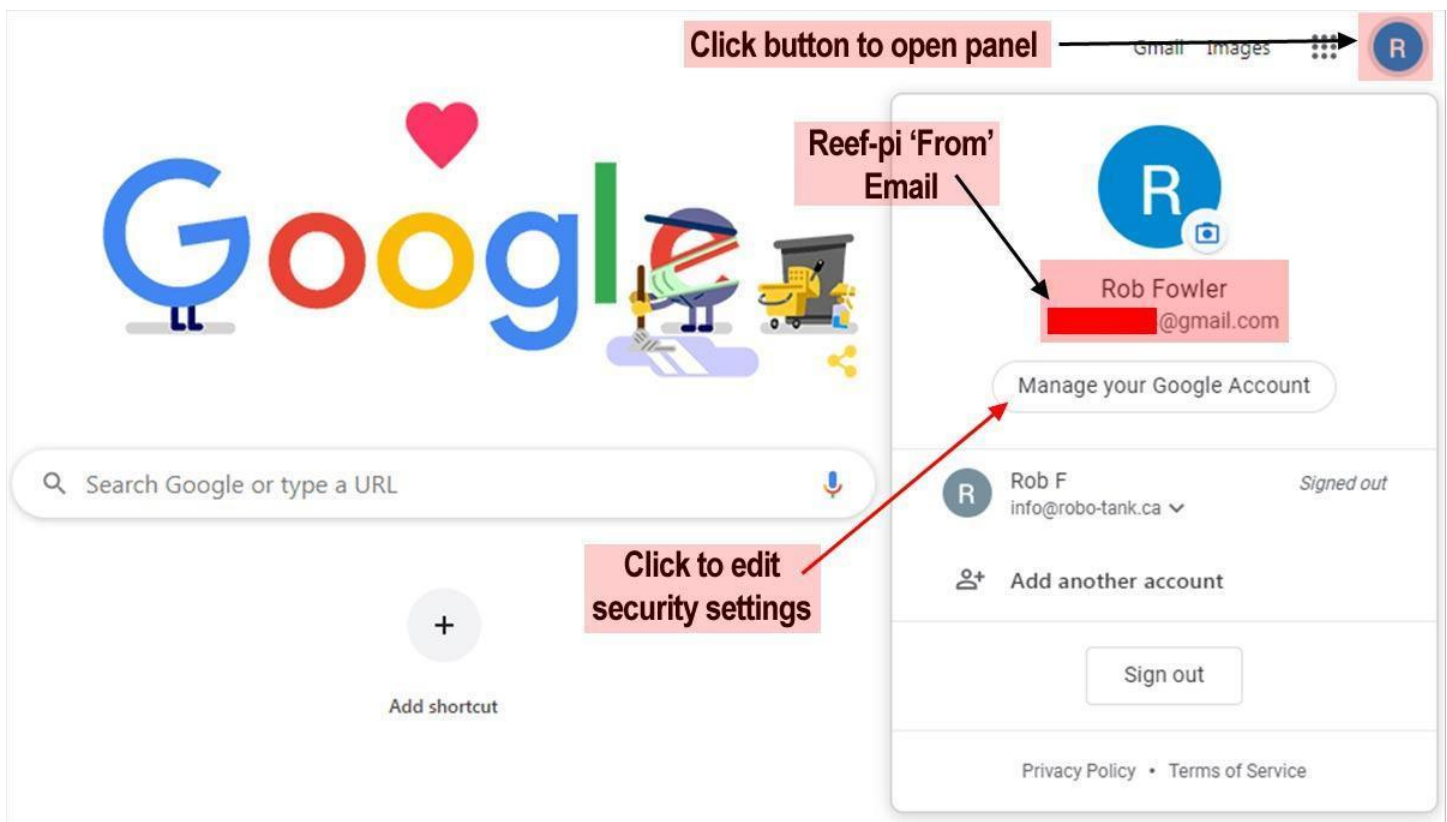
Reef-pi – Email Alerts

Last Updated June 1, 2021

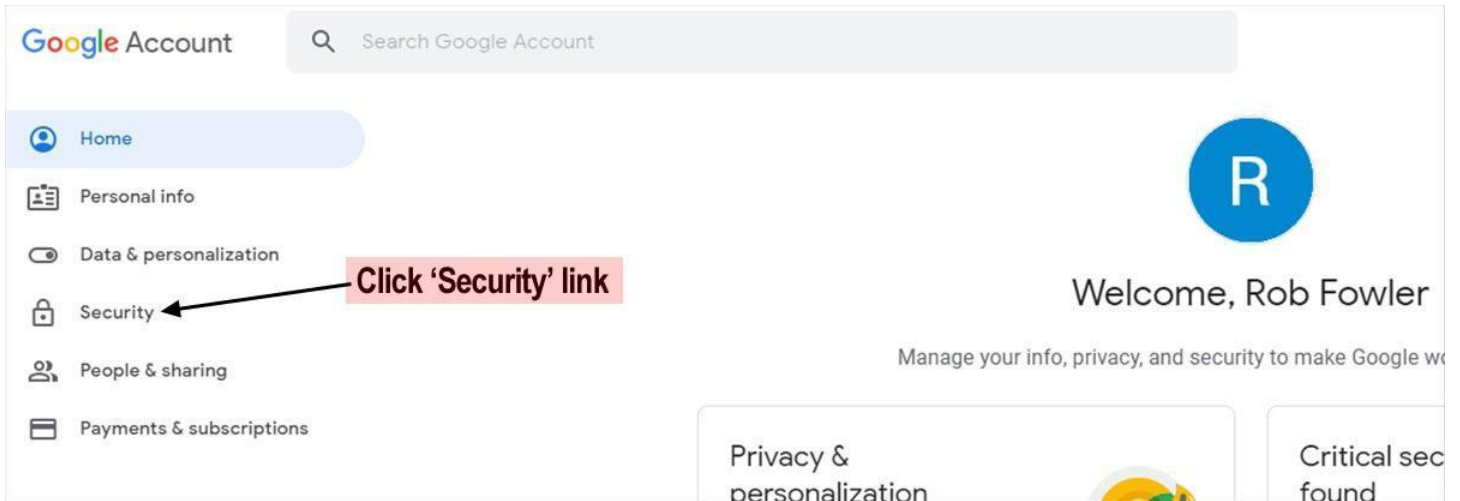
In this manual we'll go over how to configure a Gmail account to work with Reef-pi, you can use a current email but it's recommended to set up an email account just for reef-pi.

Note: You can use your own server if you have SMTP access, skip to step 7 and add your details to Reef-pi.

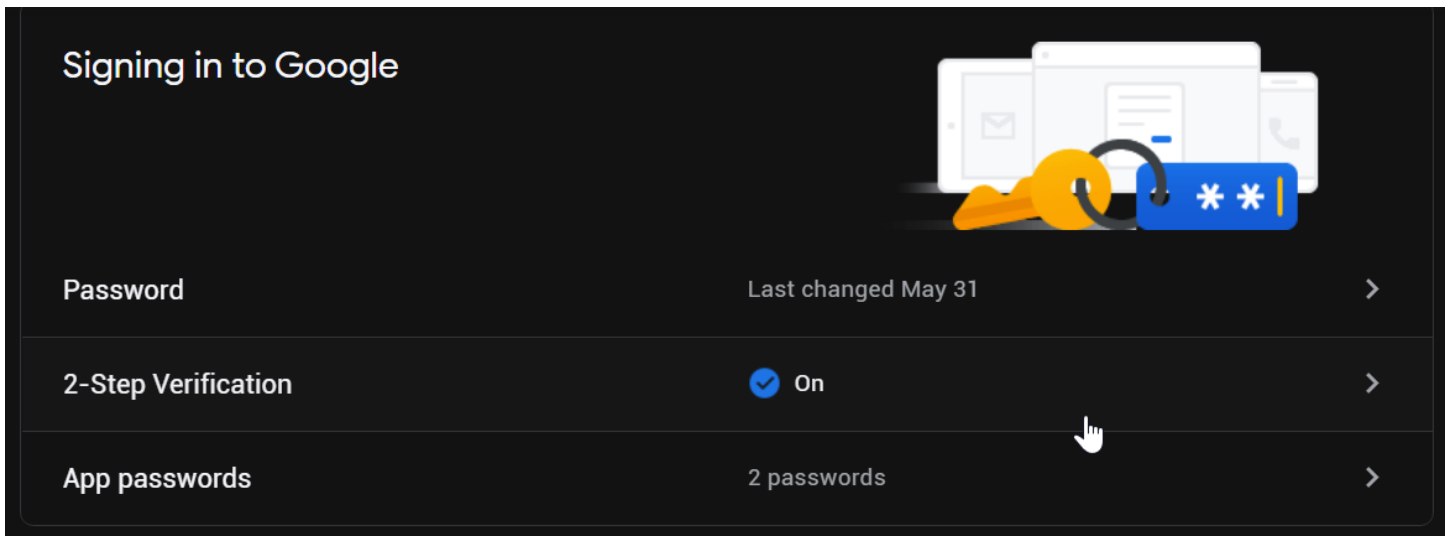
1. Go to www.google.com
2. Click the round button in the top right corner. A box will appear as shown in the image below. The Gmail account you will be using to send emails is what shows up under your name, you'll use this later in the Reef-pi settings.
3. Click the '**Manage your Google Account**' button to go to your account settings.



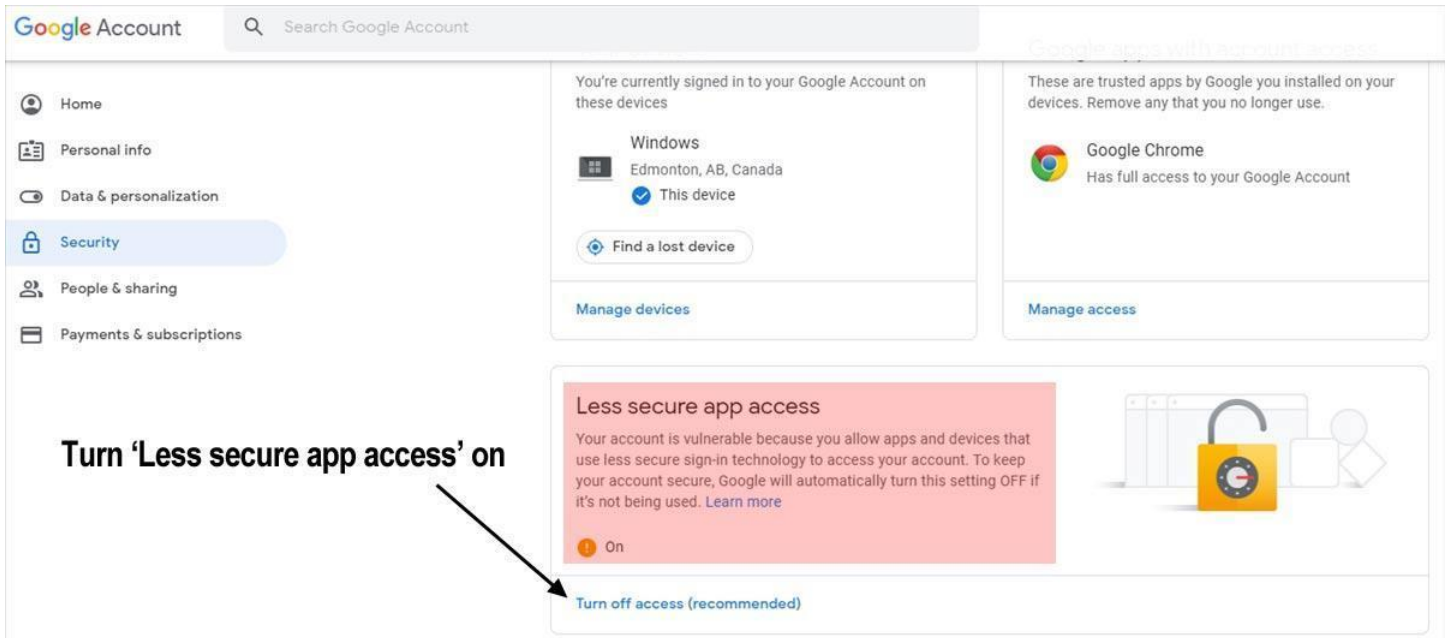
- On the left side of the page click the 'Security' link from the list.



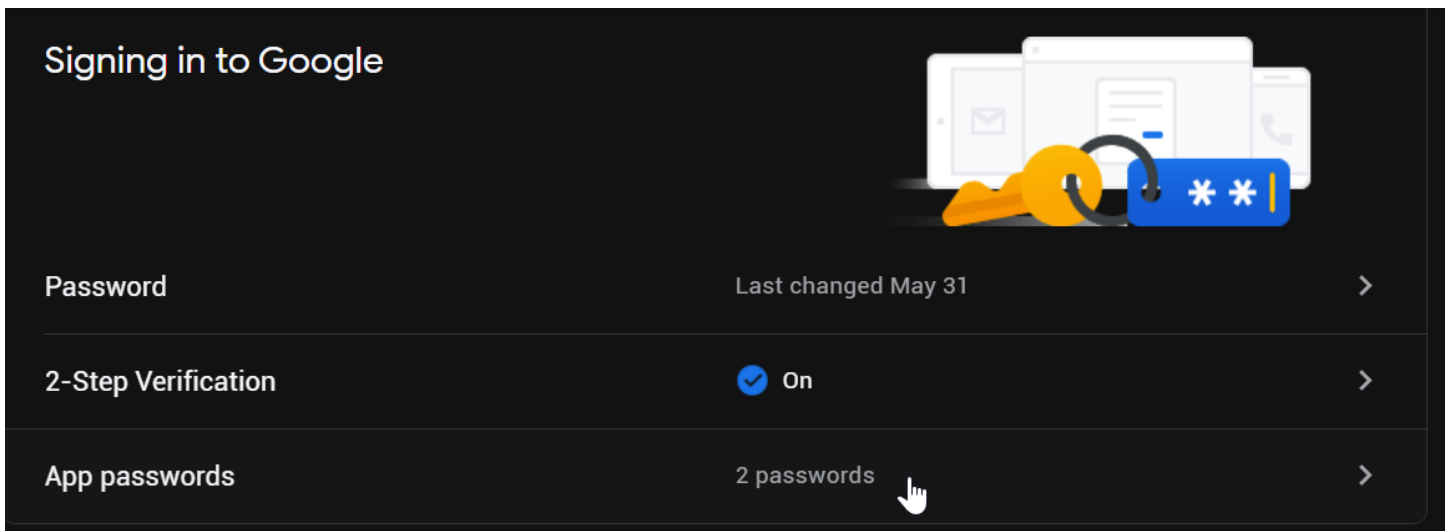
- Look for the 'Signing in to Google' section and turn on '2-Step Verification'.



6. Scroll down the page at the end you should see the ‘**Less secure app access**’ setting, turn this on.



7. Click on app passwords under 2 step verification, create an app password for your reef pi. Copy the password and paste it in the reef-pi config screen.



8. In Reef-pi click on the '**Configuration**' tab at the top and go to the '**Telemetry**' sub-tab. Make sure the '**Email alerts**' checkbox is checked and fill out the fields below.
 - **Server** - This is the SMTP address for your email server, for Gmail you should use '**smtp.gmail.com**'.
 - **Port** - This is the port number for your email server, Gmail uses '**587**'.
 - **From** - This is the email address the alert is sent from, enter the Gmail address you just configured.
 - **To** - This is the email address the alert is sent to, any address will work.
 - **Password** - this is not the password to access your gmail account, use the password from step 7.
 - **Limit** per hour - this is the maximum number of emails Reef-pi will send per hour, the default value of 10 is good for most setups.
9. After you add your information click the '**Update**' button at the bottom of the page.

Note: Do not click the '**Send test message**' button until you have finished the next step.

reef-pi Dashboard Equipment Timers Lights Temperature ATO pH Dosing pumps Macros Configuration Log

Settings Connectors **Telemetry** Authentication Drivers Errors Admin About

☐ **Adafruit.IO**

☒ **Email alerts**

server

limit per hour

port

from

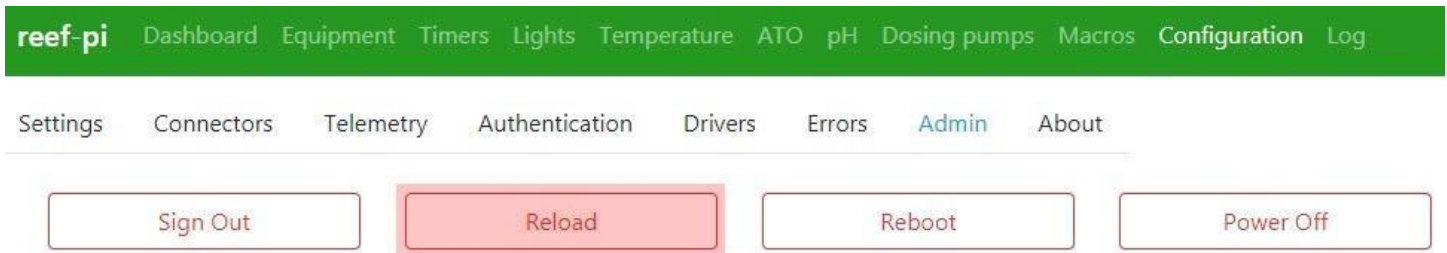
To

Password

Current limit

Historical limit

10. From the '[Configuration](#)' tab click the '[Admin](#)' sub-tab link. Click '[Reload](#)' to restart Reef-pi so the changes you made will take effect. If you try to send a test message before doing this it will most likely fail.
11. Return back to the '[Telemetry](#)' sub-tab and press the '[Send test message](#)', check your email and you should have received the test message.



Reef-pi is now set up to send emails, when you set up your sensors and equipment enable the alerts and you're good to go.

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If you have questions or comments you can contact me at info@robo-tank.ca