

IOT Monitoring Tool



- For our IOT monitoring tool, we are utilizing a software called “Arduino IOT Cloud” that is connected to our Arduino, which is able to pick up temperature, pressure, luminosity, and humidity
- To expand on our Arduino, we plan to add hardware so that it’s able to pick up dust as well, which can then be used to report statistics to the building controller
- Statistics that we intend to design include the following:
 - Monitoring temperature (by measuring the fahrenheit temperature in the spacecraft)
 - Monitoring pressure (by measuring the amount of hPa in the spacecraft)
 - Monitoring luminosity (by measuring the amount of lux in the spacecraft)
 - Monitoring humidity (by measuring the RH in the spacecraft)

