

We are currently planning on using an ethernet switch in order to send and receive data packets between the raspberry pi and the central computer. This can be accomplished by creating JSON files and then sending those objects via the serial library in python, as seen here:

<https://www.thepythoncode.com/article/send-receive-files-using-sockets-python>

We will then have a python script running on the main computer that will receive the coordinates and make the proper decision on moving the motors.