To use Containment\_Sentinel\_executive.py

OpenCV and executive file operate on Python 2.7  
The PiCamera shall be connected to the RPi native video port.  
The Purthermal 2 Carrier board with a Lepton 3.5 shall be connected to a USB port.  
The STorM32BGC 3 Axis stabilizer gimbal shall be connected to a USB port.  
RPi listens to Mavlink via the USART on header pins 8 & 10.  
Add Containment Sentinel\_executive in /etc/xdg/autostart/arandr-autostart.desktop

[Desktop Entry]

Type=Application

Name=Containment\_Sentinel

Exec=Python /home/Containment\_Sentinel\_executive.py

To use the Display\_Hotspots\_submission.html  
Make sure the small\_flame.png is in the same folder as the html file.  
Obtain and insert your own Google Maps API key in the call back script location.  
Replace the token: <YOUR\_API\_KEY> with your API key.

Launch the html file in a webbrowser.  
Click the browse button.  
Select the formatted hot\_spot\_example\_1.csv

Click the process File button.