**OFFICE input/output:**

INPUTS:

1. Number of passengers/hr: gets info from track/train
2. GPS position: in order to see where all trains are at any given time
3. Train schedule from MBO: for automatic mode
4. Get broken track: in order to shut track segment down

OUTPUTS:

1. Manual vs Automatic mode
2. Speed
3. Authority
4. Close track

OVERALL FUNCTIONALITY:

1. Manual mode: allow manual scheduling of train as well as giving speed and authority to wayside controller
2. Automatic mode: take schedule from MBO as well as the speed and authority given by MBO
3. Close track: given a broken track or other info, close tracks as necessary
4. Broken antenna: not sure what to do with this yet?
5. Show num passengers/hr
6. Show all trains at all times