

NR24 DAQ

DASHBOARD

1: (Accelerator) 2: (Brake) 3: (Speed) 4: (SOC) 5: Mode - 1acceleration, 2 endurance or 3 test 6: (Temperature of the hottest cell) 7: [FAULTS] //array of faults

DAQ / PITLANE DASHBOARD

a: 4-wheel speed sensor values separated by spaces b: Accelerometer c: LV Voltage and current separated by space d: HV Cell Broadcast TEMP MODULE e: HV Temperature “String” with metadata of cell number(mux) and data temperature separated by spaces

f1: LV Temperatures1 “String” with metadata of cell number(mux) and data temperature separated by spaces 8

f2: LV Temperatures2 “String” with metadata of cell number(mux) and data temperature separated by spaces 2+1 g: Fault codes separated by spaces or passed as an array h: BMS data “String” with metadata (if required) and data i: Motor Controller split current separated by space j: IMD status code k1:BMS status 1 0x6B0(Pack current,Voltage,SOC,relay state,Checksum) k2:BMS status 2 0x6B1(Pack DCL,CCL,Average Current,Checksum) k3:BMS status 3 0x6B2(DTC flag#1,DTC flag#2,High voltage Cell ID,Pack Health,Low Voltage Cell ID,Checksum)

l: HV Pack Voltage

m: HV Pack Current

n: LV Pack Voltage

o: LV Pack Current Diagram:

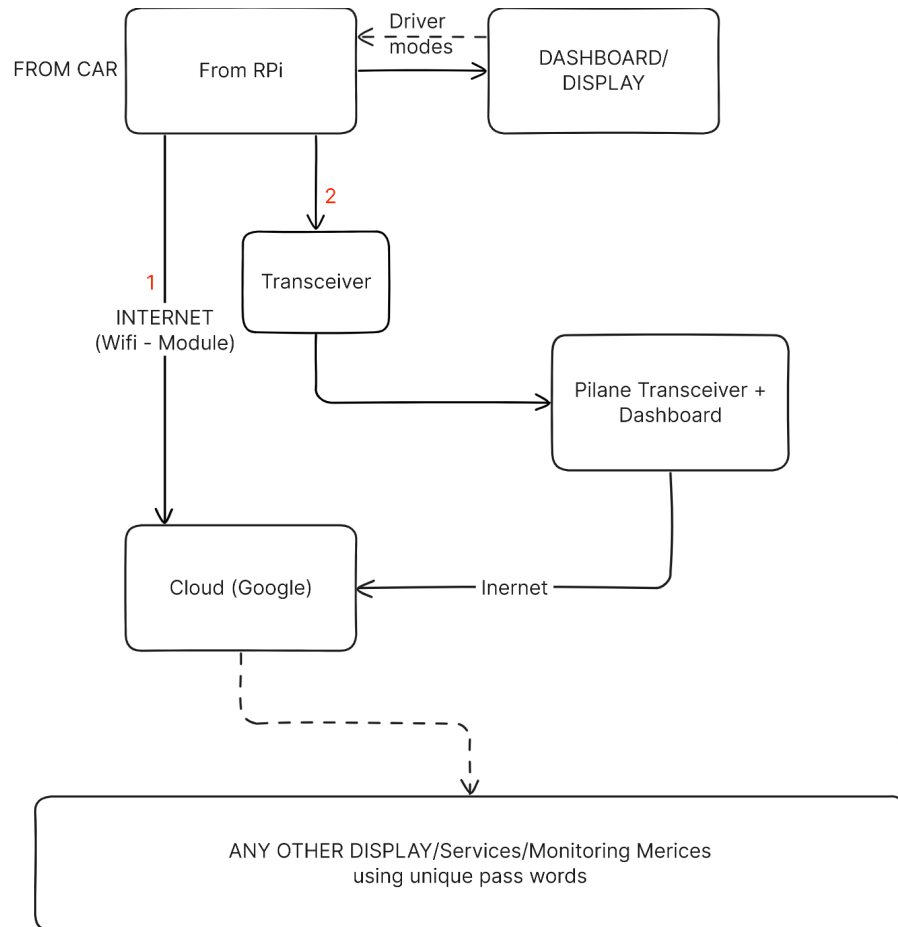


Figure 1: image.png