

CES 2024 – Notes from SC

- Planning this week at F2F Workshop
- 2 Green machines + IC EG Demo
- What would SC like to see demonstrated at CES?
 - Landscape IVI?
 - New SOC for reference hw?
- Current idea is to show off the latest Flutter and Web designs.
- Upgraded CAN interface from steering wheel and RPI based simulator
- Camera integration and demo (libcamera) with Flutter or Qt.
- Another idea. One green machine + landscape demo (not green machine) + IC EG demo

Demo Plan

- Demo 1 – Landscape IVI with CEF apps
- Demo 2 – Green machine with Flutter IVI plus Flutter IC
- Demo 3 – Dr. Y IC-EG demo

Demo 1 - Landscape IVI demo

- Can use 2 gechic displays (one for IC and one IVI)
 - 15" Gechic that Jan-Simon has in-hand
- Build a frame to hold the two displays and hide cables and hardware
- Use ref hw with H3.
- Audio via USB amp
- KVM (CEF IVI + Flutter IC)
- Apps needed – Homescreen (including master volume), HVAC, dashboard, browser (YouTube, Spotify),
- Peripherals needed
 - Audio (issue with audio stuttering punching audio or USB through the KVM).
 - What about VirtIO sound from Virtual Open Systems (when will it come in? can we get it by November?)
 - Steering wheel
 - Wired ethernet (no Wifi)
 - No Bluetooth

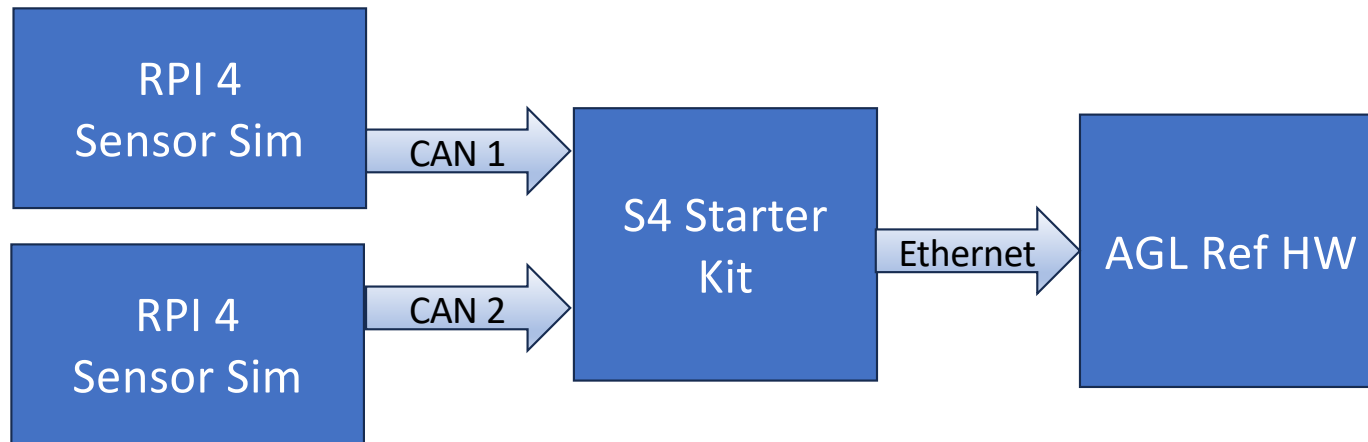
Demo 2 – Green Machine

- Use ref hw with H3.
- Audio via USB amp
- KVM (Flutter IVI + Flutter IC)
- Apps needed – Homescreen mixer, HVAC, dashboard, Speech rec?, Media player
- Peripherals needed
 - Same peripherals as Landscape IVI so same set of issues
 - Jabra mic for Speech
 - HVAC fans (pico CAN replacement)

Demo 3 – Team Dr Y

- IC EG demo TBD

Embedded World – Gateway demo



Upcoming Workshops

- July 14 – Tokyo after Summer AMM
- Sep/Oct TBD – Most likely Munich or Berlin
- Mid-Nov– Green machine in Asheville
- Dec 4-8 –ALS Week – Landscape IVI integration with Igalia