



# Hack the Truck

## BCX Challenge 1



### Goal of the challenge:

- › Do you dream big? Do you want to hack a real truck? Let's climb up into the cockpit and get creative!
- › Use the input / output devices of the truck in combination with the eCAL middleware to realize any project you can think of.

### Example hacks:

- › Detect passengers with the truck's cameras and indicate it on the roof-mounted LED bar
- › Emulate a gamepad based on the truck's steering wheel and control your favorite racing game

### Data source & actuators:

LED bar

LiDAR

Buttons

Radar



Cameras

Steering wheel

Brake pedal

Blinkers

### Example architecture:



### Projects involved:



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