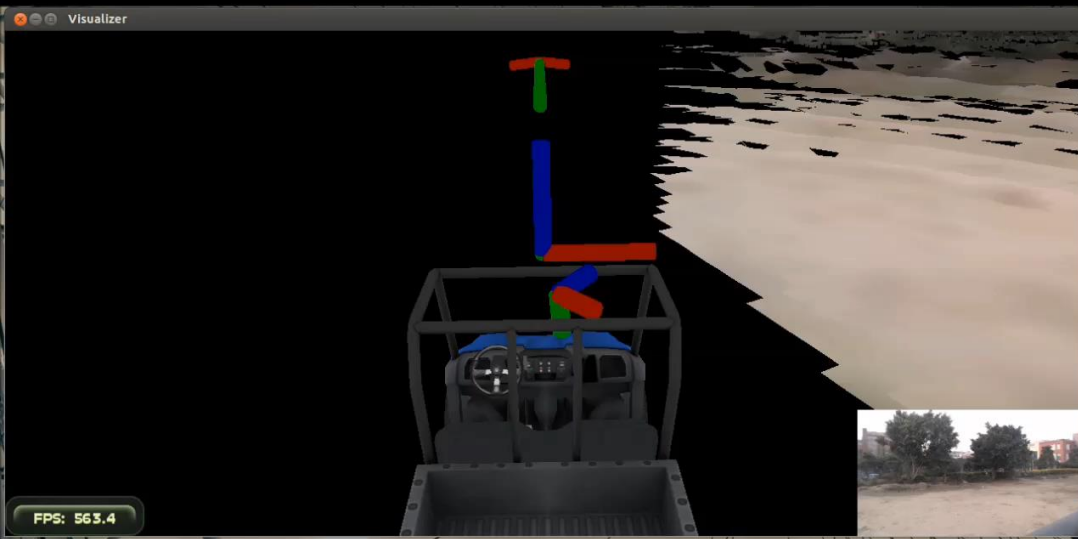


Driverless Car Prototype – For bringing autonomous cars on Indian Roads

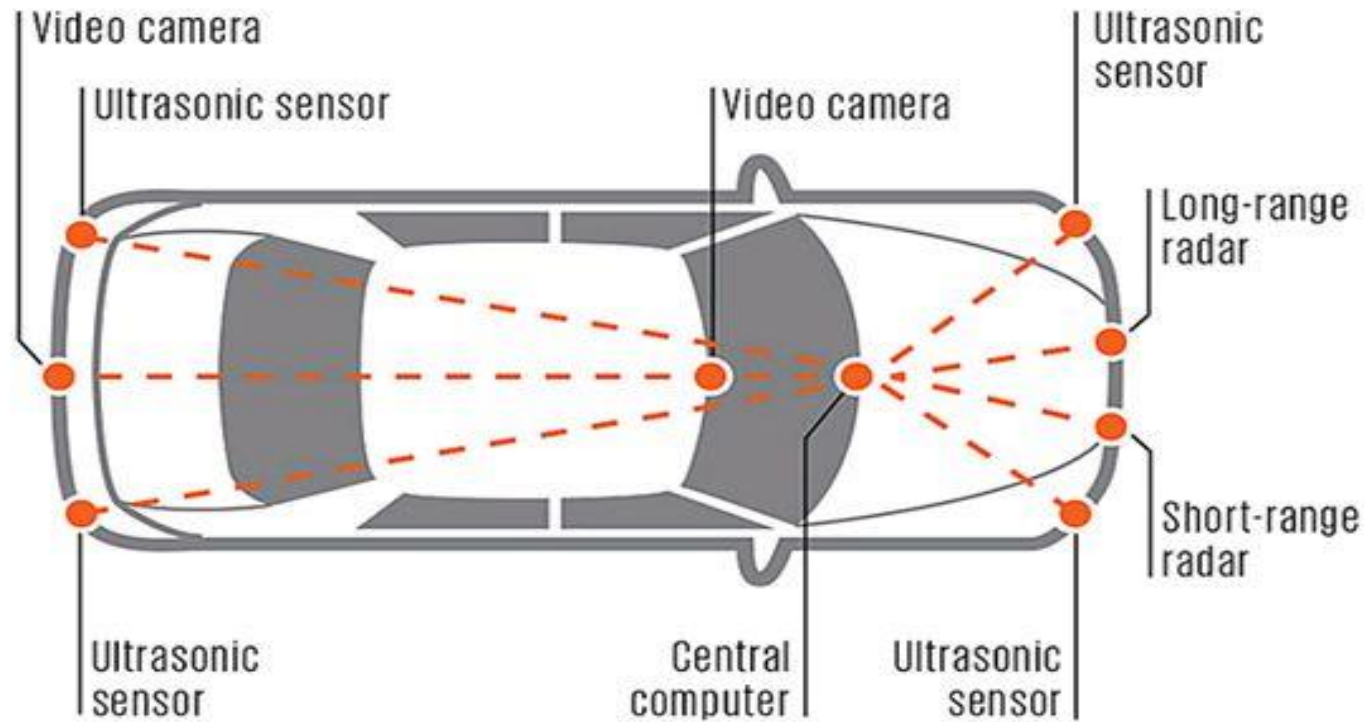


This video shows an AI based decision making system developed to choose direction based on peer movements

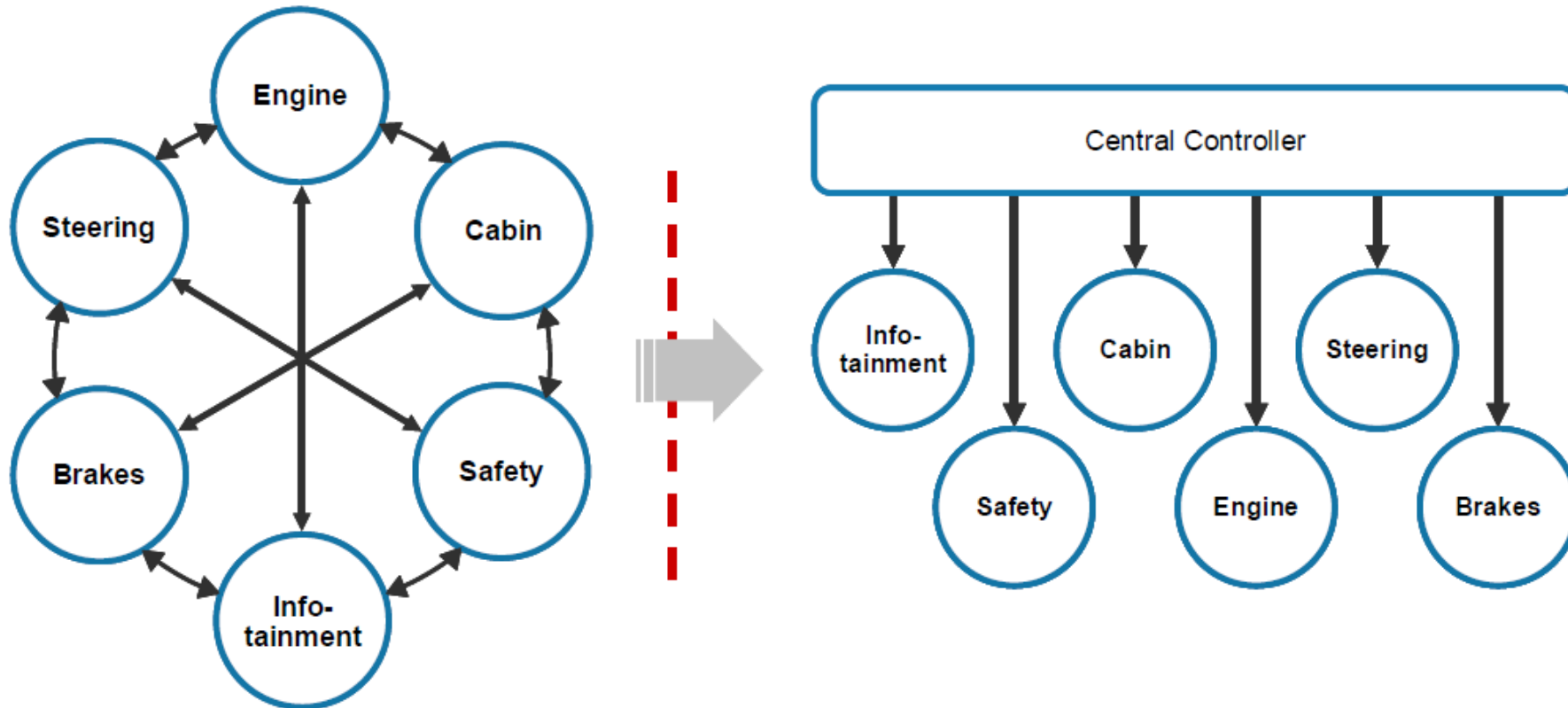


Adaptive Navigation Algorithm in No Traffic Light Situation

The basic system looks like this. We will see at least 2.5X-3X times communication sensors by the time they hit the roads



Current System Vs Autonomous Vehicle System Architecture



Source: Morgan Stanley Research

Some challenges we see from India in ITS

Standardisation for Interoperability for in-car, v2v and v2i (still voluntary) is amiss here

In a land of call-drops, we need an ambitious way to standardize certification of vehicles communication systems against followable Standards

There is a need for eCall like solution for Indian intelligent transport scenario. However, there aren't any labs to test

Thank You

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