

MAVEN (Managing Automated Vehicles Enhances Network)

# Safety, Security, Legal Issues & Liability

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# Safety, Security, Legal Issues & Liability

## How do we assure safety?

- Classical testing often not practical
- New approaches needed (HiL, SiL, Virtual Reality, Augmented Reality, Simulation, Modelling of subsystems (Driver, Sensor, HMI, ...) → Big research potential!

## Dealing with security?

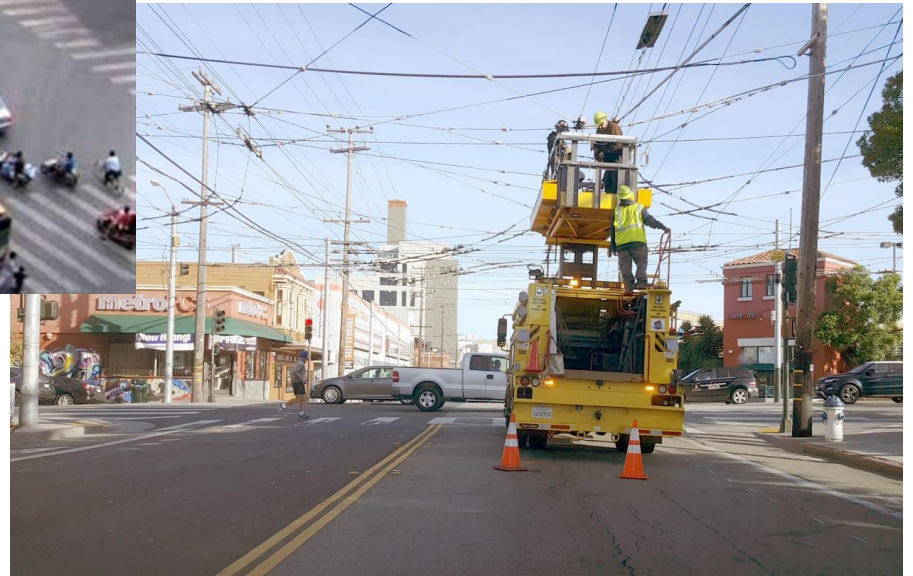
- Prototypic implementations often do not deal with security
- „This is done on another layer...“
- Often matter of procedure!

## Legal Issues & Liability?

- Standard questions... Who is liable in case of automated driving? What is sufficient testing?
- New issues from TransAID & 5G Croco: What if vehicle action has to be commanded by another entity (individual vs. social optimum)



# Legal Issues & Liability



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