

OPENPASS



NEW OPENPASS STANDARD SLIDES



What is openPASS? ecosystem with simulator + API + scenario engines;

Supporting and harmonizing virtual assessment by providing the needed interfaces and open components

– slide „Vision“:

- Current: high level of transparency through publicly available open source platform, modularity, flexibility, stochastic variation, harmonization → acceptance for simulation environment
- New: openPASS is an ecosystem for APIs, software components and models around the modular simulation platform; reference implementation of MantleAPI and open standards such as OSC 1.0

– slide “Platform idea”:

- Current: Vision of modular framework: e.g. develop against AgentInterface, simulation in multiple use cases
- Example for API use / benefits: multiple scenario engines, multiple simulation cores
- Re-use existing slides; add slide with use in research projects / interaction with other FOSS projects

VISION



openPASS
(open Platform for Assessment of Safety Systems)

High level of transparency and acceptance through publicly available open source platform



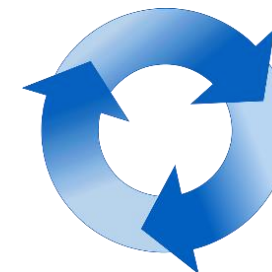
Traffic simulation of highway, rural and urban scenarios

Stochastic variation of scenarios



Standardized interfaces for model integration

Reproducibility through deterministic simulation



Harmonized and flexible platform for effectiveness assessment of advanced driver assistance systems and automated driving

OPENPASS PLATFORM – FOCUS ON XOSC, API

