

ADAS HILS

Simulation System for Autonomous Vehicle Control Development

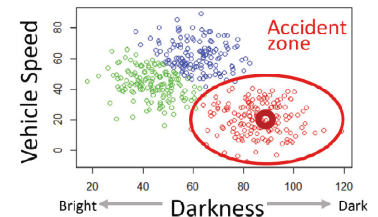
A&D
Discover Precision

A&D Technology's Hardware-in-the-Loop System provides real-time simulation of driving scenarios and vehicle behavior for autonomous vehicle and advanced driver assistance control development.

Scenarios & Variations Sensor Modeling

ADAS/AD Functions Vehicle Dynamics

Software for Scenario and
Variation Creation from
Real-Driving Database



GCAPS
Global Center for Automotive Performance Simulation
Affiliated company of Virginia Tech

Real-Time HILS Simulation
System Inputs Scenarios to
the ADAS ECU



Rapid Prototype Platform
Acts as the ADAS
Controller

Scenario Visualization and
Test Automation Software
Displays Data



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