Gain a Competitive Advantage in ADAS Testing.

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Contact Us for More Information
ASI AUTOMOTIVE
900 N ROBESON W
Petersboro, UT, USA 84325
asirobots.com/automotive
CHOREOGRAPHED ADAS TESTING

ROBOT DRIVEN VEHICLES ALLOW SAFE TESTING OF DEVELOPMENTAL ADAS TECHNOLOGY

Testing high speed collision anticipation and avoidance is simply too dangerous for human drivers, yet the need for this is now. The solution is robot drivers to be used during the dangerous testing phases, and ASI is leading the way.

HOST VEHICLE

The host vehicle contains the systems and sensors to be tested. The test maneuver places the host vehicle on a path with other robot driven vehicles.

TARGET VEHICLES

A swarm of target vehicles, each equipped with ASI’s automation technology, follow a pre-planned path to create the test scenario. Accuracy and repeatability of tests is greatly increased.

The choreographed maneuvers navigate the swarm of target vehicles around the host vehicle in predefined sequences that stress and validate the driver assist systems in development.

MOBIUS®

ASI’s flagship software for the command and control of autonomous vehicles, allows the user to create or import choreographed test scenarios to validate ADAS technology.

ADAS TESTING

Multi-vehicle, host centric, ADAS swarming tests. ASI driverless vehicles provide desired test atmosphere at low or high speeds.

FAILURE RECOVERY

System brings tests to a safe, controlled stop when predetermined safety parameters are exceeded.

SAFETY

Mitigate risks to human operators by testing developmental ADAS systems fully driverless.

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