



Press Release

FOR IMMEDIATE RELEASE

GENIVI Alliance Announces New Open Source Vehicle Simulator Project

*Project to Test New User Interface for GENIVI Development Platform (GDP) Under
Simulated Driver Conditions*

SAN RAMON, Calif. – Sept. 20, 2016 – The GENIVI Alliance, a non-profit alliance focused on developing an open in-vehicle infotainment (IVI) and connectivity software platform for the transportation industry, today announced the GENIVI Vehicle Simulator (GVS) open source project has launched, with both developer and end-user code available immediately.

The [GVS project](#) and initial source code, developed by Elements Design Group, San Francisco and the Jaguar Land Rover Open Software Technology Center in Portland, Ore., provide an open source, extensible driving simulator that assists adopters to safely develop and test the user interface of an IVI system under simulated driving conditions.

“While there are multiple potential uses for the application, we believe the GVS is the most comprehensive open source vehicle simulator available today,” said Steve Crumb, executive director, GENIVI Alliance. “Its first use is to test our new GENIVI Development Platform user interface in a virtually simulated environment, to help us identify and execute necessary design changes quickly and efficiently.”

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Open to all individuals wishing to collaborate, contribute, or just use the software, the GVS provides a realistic driving experience with a number of unique features including:

- Obstacles – Obstacles may be triggered by the administrator while driving. If the driver hits an obstacle in the virtually simulated environment, the event is logged as an infraction that can be reviewed after the driving session.
- Infraction Logging – A number of infractions can be logged including running stop signs, running red lights, vehicles driving over double yellow lines on a single highway and collisions with terrain, other vehicles, obstacles, etc.
- Infraction Review – At the end of a driving session, the administrator and driver can review infractions from the most recent session, with screenshots of the infraction along with pertinent vehicle data displayed and saved.

To learn more, review the code, or start setting up your own vehicle simulator, visit projects.genivi.org/gvs.

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About GENIVI Alliance

The [GENIVI Alliance](http://www.genivi.org) is a non-profit alliance focused on developing an open in-vehicle infotainment (IVI) and connectivity platform for the transportation industry. The alliance provides its members with a global networking community of more than 140 companies, joining connected car stakeholders with world-class developers in a collaborative environment, resulting in free, open source middleware. GENIVI is headquartered in San Ramon Calif.

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