

Terms of Use

The C-V2X simulator is a development by Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V, Fraunhofer-Institut für Integrierte Schaltungen IIS („Fraunhofer IIS“). This software-based simulation platform is not intended for consumers and runs in any web browser and allows **registered** users to define the simulation parameters for a vehicle-to-network (V2N) use case and perform simulation runs in different geographic scenarios in a city, on the country road & highway via a user interface. The results appear on a dashboard that visualizes key performance indicators (KPIs), such as reliability, latency, jitter and packet loss. After completing the simulations, **registered** users can compare the results of the simulation runs (section "**Compare Simulations**"), generate report files (button "**Generate Report**";) and download them as .pdf files. The KPI results for reliability, throughput, latency, jitter and packet loss (.csv files) and geographic heatmaps (.kmz files) can also be downloaded (button "**Download**"). Additionally, one can view the corner cases in the scenario on the geographic heatmap (button "**View KPI Heatmap**"). The simulation results remain stored (section "**Completed Simulations**") until the user deletes them.

This simulation environment is based on years of experience by Fraunhofer Engineers and our academic partners.

You may use this software and/or program exclusively to get an impression of Fraunhofer's simulation capabilities in a selected scenario and for the generation of test results based on given parameters.

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