



Wipro's driverless car simulator (also known as SDV in a box or self-driving car in a box) is a global scale simulator used to testing and validating the navigation algorithms of autonomous vehicles. This acts as a testing ground for the vehicle before being rolled out into the roads. The simulator is capable of taking the vehicle into its limits of operations by taking it through challenging real-life scenarios.

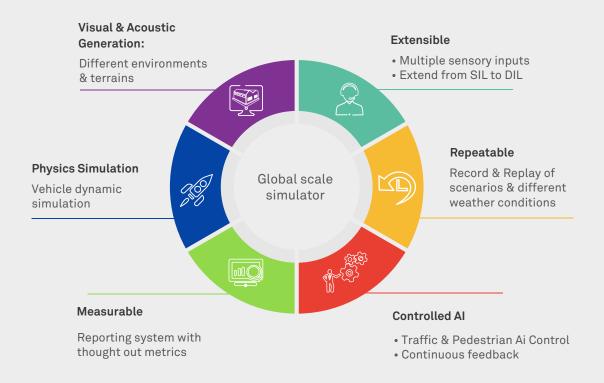
The SDV in a box is also capable of simulating multiple weather and day of time conditions and shows real time sensor data from cameras (including fish-eye) and LIDARs. The simulator is highly scalable and can be used in replicating specific world environments as well to test vehicles within such scenarios and conditions.

The simulator is capable of taking the vehicle into its limits of operations by taking it through challenging real-life scenarios

To know more about Wipro's autonomous systems and robotics, please scan the below QR code



Service and solutions



Key benefits



Bring your vehicle faster to the market by testing algorithms on challenging real-world scenarios before testing on the vehicles Replicate your real-world scenario with localised inputs and traffic behaviours for near perfect algorithm accuracy and robustness

Variable traffic driving aggressiveness and traffic density (which can be configurable through Scenario-Editor: UI) can test your algorithm performance under different conditions

Superior safety standards of the autonomous vehicle ensure trust and brand loyalty

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of services, strong commitment to sustainability and good corporate citizenship, we have over 175,000 dedicated employees serving clients across six continents. Together, we discover ideas and connect the dots to build a better and a bold new future.

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