HEXAGON

Redefining ADAS environment simulation software

Empower ADAS teams with seamless cloud-based simulation for faster prototyping and continuous integration and testing

Virtual Test Drive X (VTDx) is a scalable cloud-based environment simulation to create, configure, and represent virtual environments and scenarios to test, train, and continuously validate ADAS features and autonomous vehicle systems as part of the ADAS software workflow.

VTDx supports public and private SaaS, third-party ecosystem tools, and real-time global collaboration to realize the "shift left" movement.

VTDx is built on a new architecture to redefine how ADAS algorithms are tested and validated. With the cloud native support for your globally spread teams, VTDx is ideal for software-in-the-loop (SIL) testing as well as hardware-in-the-loop (HIL) testing.

Value of VTDx

- **Cloud-native:** Scale up with parallelized scenario executions to shorten test cycles and increase test coverage

- **Public and Private SaaS:** Choose your path to fit you and your organizational needs for faster validation

- **Modern UI:** Intuitive design to configure vehicles, multiple scenarios, select sensors to speed up your setup

- **Photorealistic rendering:** Utilizing the latest Unreal Engine 5 to achieve digital twin

- **CI/CT:** Easily build, test, validate, and apply new ADAS features to your existing software dev pipeline

- **Built on top of VTD capabilities:** Take advantage of the flexibility and openness of VTD for ASAM OpenX standards compliance

Virtual Test Drive X

Sign up for VTDx Free Trial
nexus.hexagon.com/home/product/virtual-test-drive-x/