VOICES

Virtual Open Innovation Collaborative Environment for Safety

Connected. Cooperative. Cost-effective.

All images source: FHWA.

VOICES is a distributed simulation platform enabling users to test with others and seamlessly integrate connected surface transportation systems in realtime, all from the convenience of their research facility.

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- Securely connect with other researchers and developers to efficiently test physical and simulated components (e.g., simulated vehicles with a physical traffic controller).

- Enhance system safety and interoperability earlier in the research and development stages.

- Leverage existing models for basic cosimulation with different simulation toolchains.

- Reduce costs through early issue resolution and strategic research partnerships.

Source: FHWA.

Watch FHWA's videos and learn how distributed, collaborative testing can benefit your team:

Concept Overview:

https://tinyurl.com/voices-animated-overview

Systems Integration Test (Summer 2022):

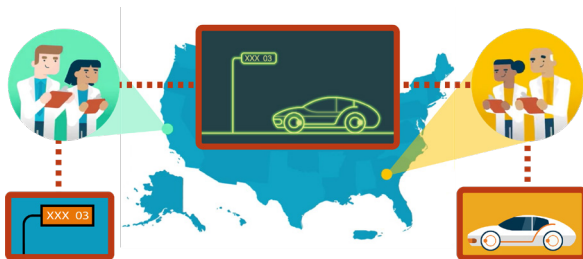https://tinyurl.com/voices-sit1

Pilot Test 1 (Spring 2023):

https://tinyurl.com/dot-distributed-test-pilot1

Source: FHWA.

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For more information, contact: VOICES@dot.gov