



OSS4ITS

OPEN-SOURCE SOFTWARE SUITE FOR INTELLIGENT TRANSPORTATION SYSTEMS

The Open-source Software Suite for Intelligent Transportation Systems (OSS4ITS) is an ecosystem that promotes the deployment of interoperable transportation systems. The software suite provides Infrastructure Owner and Operators (IOOs), software companies, and device manufacturers a clear picture of the available open-source software tools for both technical and business audiences.

OSS is comprised of four open-source software platforms



U.S. Department of Transportation

Federal Highway Administration



Operational Data Environment

Secure Data Commons

CARMA



APPROACH

OSS4ITS will present and integrate open-source software projects that develop key components of an interoperable ITS deployment, and show how they map to the physical ITS architecture. The deployer will use OSS4ITS to determine which tools can be reused for deployment, which tools need to be augmented, and whether additional tools need to be developed. OSS4ITS will encourage integration of open-source software into existing deployments, and contribute back to the OSS to accelerate future deployments.

FOR MORE INFORMATION CONTACT OSS4ITS@dot.gov



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of Transportation

**Federal Highway
Administration**

OSS4ITS open-source software platforms:

- V2X Hub
- CARMASM
- Secure Data Commons
- Operational Data Environment