FAQ – Day One Deployment District (ITS World Congress)

Based on the March 21, 2024, Overview Document

Technical

Q: Does the deployment district have existing sensors (e.g., cameras, LiDAR), or must applicants provide them?

A: CCTV video streams will be available in real time via the Claris portal.

See page 8 of the overview document

Q: Is the deployment district open to both PC5 Direct and Uu networked communications?

A: The district supports PC5 direct communications using the 5.9 GHz spectrum. Support for Uu can be available however communications with existing traffic control devices is not guaranteed.

Q: What types of RSUs are deployed in the demo district?

A: 24 Danlaw LTE-V2X RSUs on Channel 183 (5.905–5.925 GHz) are deployed, using production SCMS credentials.

See page 4 of the overview document

Q: What message sets can stakeholders utilize (e.g., SPaT, TIM)?

A:

- **Broadcast:** V2X RTCM, SPaT (0x8002), MAP (0xE0000017), TIM (0x8003), SSM (0xE0000015)
- **Receive:** PSM (0x27), BSM (0x20), SRM (0x20-40-96) — *SRM is limited to priority, not preemption*
  See page 5 of the overview document

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Q: What are the expectations for participation in the OmniAir Plugfest?

A: Vendors with LTE-V2X devices must pass a subset of OmniAir Certification during PlugFest to demonstrate standards compliance.

See page 6 of the overview document

Q: What more can we learn about the OmniAir Plugfest certification, and when will that be held?

A: Details and registration are at: OmniAir Plugfest – Florida **May 7–16 at SunTrax, FL**

See page 10 of the overview document

Q: What technical specifications are available for the deployment area to ensure compatibility?

A: Yes. Please Refer to the overview document. it is available at **V2X Forum (https://v2x-forum.discourse.group/)**.

See page 6 of the overview document

Operational

Q: Is this demo intended to be a permanent installation?

A: Devices performing in the DODD must be mature, commercially available products that can be purchased. These devices may remain in the district after the demonstration at the vendor's discretion; however, GDOT has no expectation for them to be retained.

See page 3 of the overview document

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Q: What types of messages, solutions, or use cases should stakeholders propose?

A: In addition to the use cases outlined on page 3 of the overview document, stakeholders are welcome to propose their own applications. The technical support team will coordinate with ITSA and GDOT to evaluate the proposed solutions and will follow up with stakeholders regarding feasibility and next steps.

See page 3 of the overview document

Q: What is the intent of the demonstration — technical readiness or use case showcase?

A: Both. The DODD aims to demonstrate the functionality of V2X in real world environment and allow stakeholders to deploy and/or demonstrate real-world solutions. *See page 3 of the overview document*

Q: How much detail is required in the ITSA submission forms?

A: Please include as much information as possible by March 31. This is an interest form, not a final commitment.

See page 6 of the overview document

Logistics

Q: What is the process for coordinating with infrastructure owners if solutions need to be installed?

A: Installation on existing infrastructure (e.g., RSUs or traffic signals) is generally not permitted due to state regulations. However, temporary, independent setups may be considered on a case-by-case basis. The technical support team will coordinate with the stakeholder and GDOT to evaluate each request and determine feasibility based on applicable constraints.

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Q: Can stakeholders pick their desired location within the deployment zone?

A: The area is predefined. Preferences may be considered but must be coordinated through ITSA.

Q: How will equipment be installed? Must participants secure contractors?

A: Participants must manage their own demonstrations, equipment, and logistics. No installation will be done on public infrastructure.

Q: What is the temporary equipment size limit and what logistics are needed to place equipment temporarily in the DODD?

A: Please share the details of what you need to place, including the purpose, exact location, size and weight of the equipment, power requirements, connectivity needs, and any other necessary support. Once we have that information, we can assess feasibility and coordinate logistics. It is recommended that the solution be as self-sufficient as possible to simplify temporary deployment.

Q: Can stakeholders equip public/state vehicles with devices?

A: Interested teams must coordinate directly with the relevant fleet owners or agencies. The technical support team, along with GDOT and ITSA, can assist in facilitating introductions or providing guidance, but do not have authority to grant access or approvals.

Funding

Q: Is there any funding available for participants deploying technology in state vehicles?

A: No. Participants must self-fund their equipment and operations.

For more information or to submit questions please join https://v2x-forum.discourse.group/ or email ITSWC-DayOne-Support@leidos.com.

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