

**Request For Information
Industry Partners
Transportation Pooled Fund Study Number 5(566)**



Overview

The Connected Corridor Advancement Initiative (CCAI) is a Transportation Pooled Fund Study (TPF-5(566)) with a mission to achieve consistent multi-state corridor operations and a vision to collaboratively deploy a national, federated roadway digital infrastructure at scale. CCAI is working towards the achievement of three overarching goals by 2030. Details about these three goals and the entire business plan are available on the CCAI website at <https://ccaiusa.org>.

CCAI is pleased to release this request for information (RFI) and invites industry technology providers to respond on a rolling basis. Industry partners that believe they can contribute to or benefit from the Corridor Connect ecosystem are invited to respond. A high-level notional depiction of the ecosystem is shown on the next page and is also available on the CCAI website. As shown on the diagram on the next page, Corridor Connect is a data translation and quality assessment platform that federates data from a range of sources and makes it possible to disseminate it in a variety of standard formats.

CCAI intends to use information submitted in response to this RFI for planning, research, market awareness, and development of Corridor Connect capabilities and potential future industry opportunities. Respondents should avoid submitting trade secrets or other sensitive proprietary information that is not necessary to evaluate the proposed capability. Any information identified by a respondent as confidential or proprietary should be clearly marked as such. CCAI and its member agencies will handle submitted information in accordance with applicable laws, policies, and public records requirements and cannot guarantee that information submitted in response to this RFI will be exempt from disclosure.

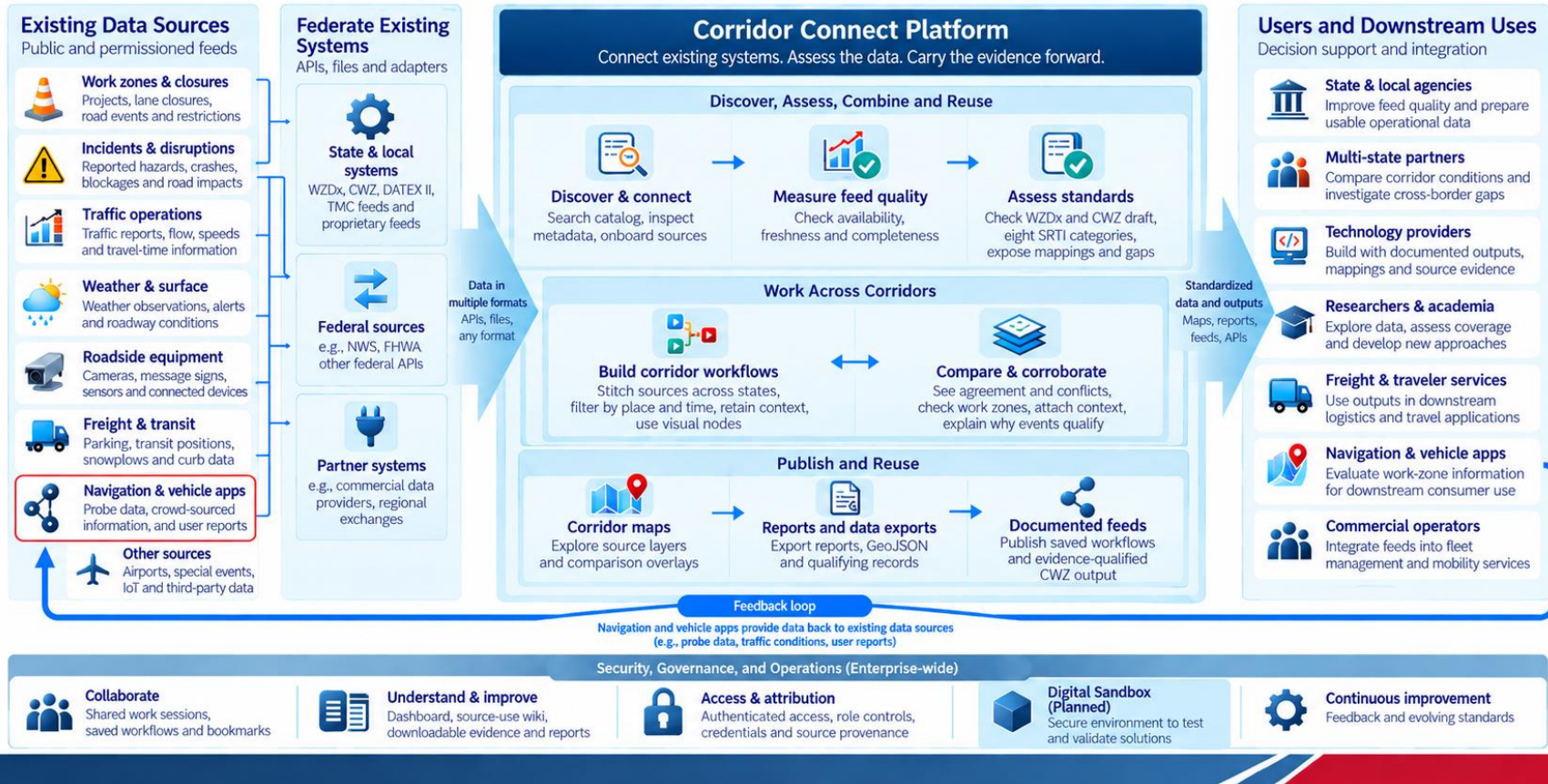
RFI responses should not be construed as intent by CCAI or any CCAI member to procure any services or products from any respondent. Acceptance of RFI responses as part of this invitation is not a procurement.

Information obtained through this RFI and subsequent industry presentations may also be used by CCAI to improve member awareness of emerging technologies and capabilities, understand market trends and technology maturity, identify areas of industry activity aligned with CCAI strategic and tactical use cases, and inform future CCAI research, planning, and program activities.

RFI responses should be submitted to Eric Rensel at ericrensel@renselconsulting.com.



Corridor Connect Ecosystem





RFI Response Requirements

Each RFI response will consist of two parts. Part 1 will be a written response, no more than 10 pages in length. Part 2 will be a recorded presentation with the CCAI administrative support team to demonstrate technology capabilities.

Part 1 – Written Response (10-Page Maximum)

Written responses should address the topics below and should not exceed 10 pages. Respondents are encouraged to be concise and may provide shorter responses when appropriate. CCAI is primarily interested in understanding the respondent's capabilities, relevant experience, alignment with CCAI use cases, and potential contribution to the Corridor Connect ecosystem rather than receiving extensive marketing materials.

1. Company Overview

Responses should include a short description that provides an overview of the company, its commercial offerings, when the company was established, the company's ownership structure, and any additional information about the company that is relevant to CCAI. Respondents should also identify whether they consider the organization to be a startup/early-stage company, small business, established business/corporation, or other private-sector organization.

2. Company Experience

For the solution being offered to CCAI, describe how many customers are using the solution and how long the solution has been in place. Also indicate how many implementations are for pilot projects versus the number of operational deployments that exist. Provide details for up to three projects. For each project example described, provide current client contact details.

3. Technology Overview

Responses should provide details about the commercial product being offered. Responses may attach one additional concept drawing that demonstrates how the technology would be integrated with the Corridor Connect Ecosystem. This concept drawing is limited to one page and does not count towards the page maximum. The technology overview should also identify any data sources in use to achieve implementation and what data is requested/needed from CCAI members for implementation. The overview should also describe the following items:

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- Indicate the solution readiness from one of these categories: concept/development, prototype, demonstration ready, pilot deployment, limited operational deployment, commercially available/operationally proven.
- APIs, standards and protocols supported;
- proprietary dependencies;
- ability to ingest heterogeneous/non-standardized data;
- ability to export/share data with third-party systems;
- data ownership and licensing restrictions;
- whether deployment requires CCAI members to replace existing systems; and
- how the solution avoids or mitigates vendor lock-in.

4. Data governance, security, and control

Each response must provide a concise description of where data is processed/stored, who retains ownership, whether the industry partner obtains reuse rights, how access is controlled, and whether member data can be removed or migrated upon termination.

5. CCAI Use Case Alignment

Identify the CCAI strategic and/or tactical use case(s) that the proposed solution supports. Respondents may identify more than one use case. For each use case selected, briefly describe how the proposed technology contributes to the desired capability or outcome. Respondents may also identify an emerging use case or capability not currently represented in the published CCAI use cases.

6. Collaboration Model

Responses should include an explanation of how the industry partner envisions collaboration with CCAI including any start-up, pilot, or testing period as well as long-term collaboration. The collaboration model should also describe the typical activities associated with integration and what would be required from CCAI and its members to demonstrate a minimum viable integrated solution and what would be required to fully maximize the value of the solution.

7. Pricing Model

NOTE: DO NOT PROVIDE PRICING QUOTES. PRICING QUOTES MAY DISQUALIFY FUTURE ELIGIBILITY.

Responses must describe the pricing model that the company proposes to use for CCAI or its members.

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- Does the pricing model include an introductory discount that escalates? If so, when does the discount period begin and end?
- Is pricing based on labor hours of assigned personnel, units, modules, etc.?
- Does the model include discounts for volume purchasing?
- What type of costs should CCAI members anticipate with the solution such as capital costs, annual maintenance fees, subscription fees, etc.?

Part 2 – 60 Minute Recorded Presentation

CCAI wishes to accelerate member awareness of promising industry partners and to provide efficiency for industry partners wishing to engage with CCAI. To help achieve this, respondents will be invited to meet with the CCAI administrative support team to record a 60-minute product demonstration. The focus areas for the presentation should be:

- Overall solution walk-through
- Demonstration of capabilities that are compatible with the Corridor Connect Ecosystem
- Demonstrate or visualize the value-added result of the use of the solution

The administrative support team will ask any follow-up questions from the written response and engage with the industry partner in an exploratory dialog. Members of the administrative support team are not authorized to make purchases on behalf of CCAI or enter into any agreement of any type or recommend future contracts or memorandum or deals. Exploratory questions asked by the administrative support team should not be construed as interest or a commitment to purchase any services or products from the respondent.