



COMMERCIAL ROUTING ASSISTANCE CAPABILITY WITH THE CISA INTEGRATED OPERATIONS DIVISION AND ALL HAZARDS CONSORTIUM

THURSDAY: SESSION 2, TRACK 3

SESSION CHAIR

Tim Klett, Idaho National Laboratory

SPEAKER

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SESSION ABSTRACT

The Commercial Routing Assistance (CRA) capability was first developed by Idaho National Laboratory in response to an urgent request by CISA to address challenges to the delivery of essential resources and products across the U.S. amid the COVID-19 pandemic. Working with the All Hazards Consortium's (AHC) Sensitive Information Sharing Environment (SISE) to coordinate and validate industry-relevant data streams, INL created CRA in order to aid private and public transportation fleets in navigating across states with varying restrictions. The capability, which includes a routing utility, a custom map to visualize layers of multivariate state-level data relevant to the industry and a dashboard of dynamic and frequently updated data summaries, was successfully demonstrated to CISA less than a week after their initial appeal for help. CRA provides a capability for truckers and other commercial drivers in the U.S. to understand restrictions that they might encounter as they travel across the country. CRA merges coordinated and vetted data streams, plots multiple automated or custom routing options, and visualizes the wide variety of state regulations and actions that a driver would encounter along a route. With the CRA, commercial operators can plan vehicle movements across multiple states quickly, particularly during emergencies.