



Advancing Smart Mobility



DriveOhio



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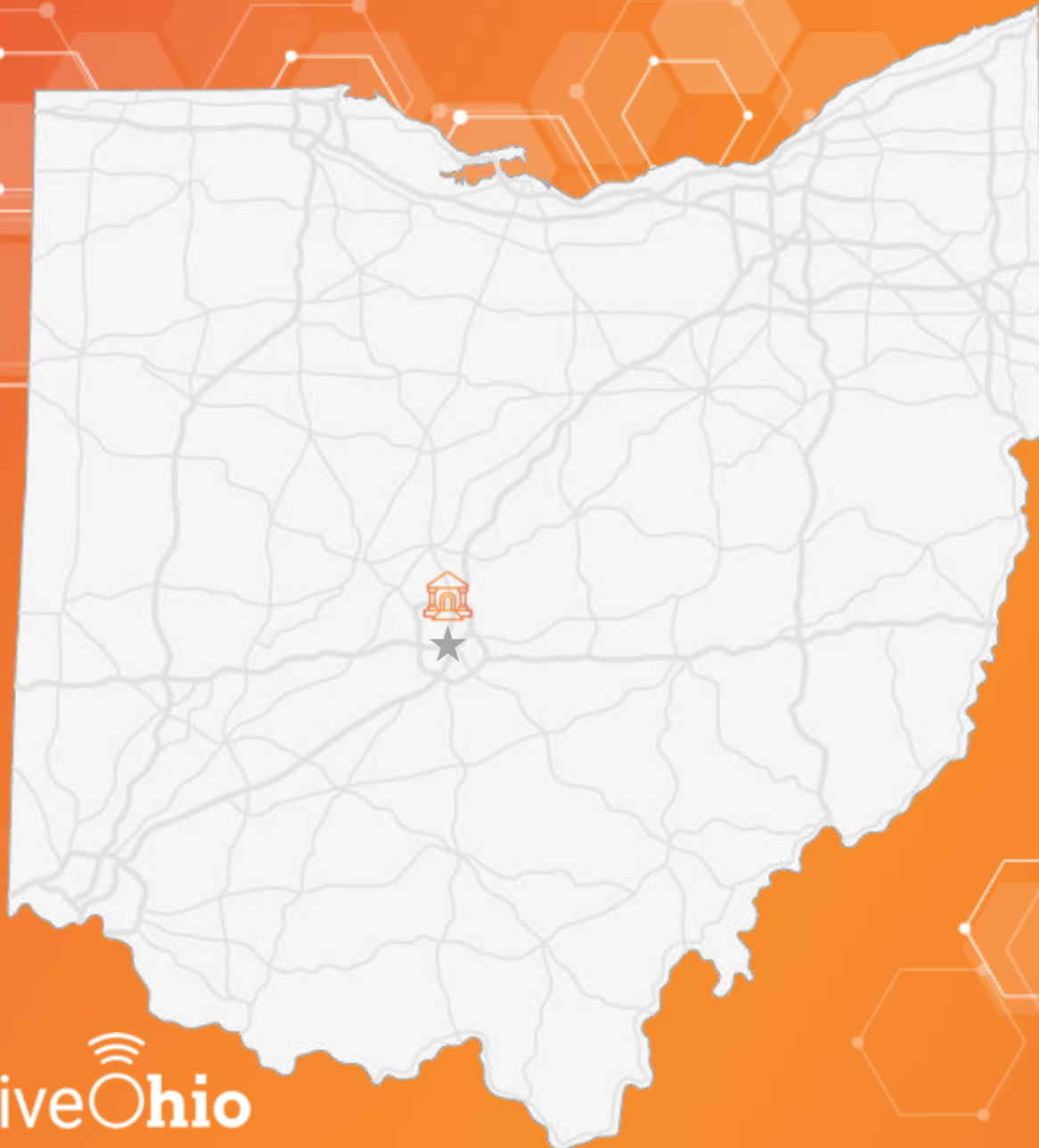
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# I-70 Truck Automation Corridor







DriveOhio



# Piloting Truck Automation Technologies

- Four-year grant project
- For trucks carrying loads
- Piloting truck automation technologies
  - Platooning
  - Level 2 automation
  - Level 4 automation



# Auditing for Automation Readiness

- Testing roadway to identify deficiencies
  - Recommend changes
- AV Readiness Guidebook
  - Best practices for other states
- Open-source software to assess roads' AV readiness
  - Replicable



# Piloting Truck Automation Technologies



Level 1	Level 2	Level 4
<b>Truck Platooning Automation</b>  Connectivity between a convoy of two or more trucks. The lead truck is driven manually. Following trucks use vehicle-to-vehicle communications and automated driving technology to operate in partially- or fully-automated mode.	<b>Partial Automation</b>  Vehicle has combined automated functions, like acceleration and steering but the driver must remain engaged with the driving task and monitor the environment at all times.	<b>High Automation</b>  The vehicle is capable of performing all driving functions under certain conditions.  The driver may have the option to control the vehicle.



# The Goal

To advance adoption of truck automation technologies into daily operations and to deliver products more efficiently with less fuel and environmental impact.





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*Smart mobility on the  
ground, in the air,  
everywhere*