

Frisco's Prep for Automated Vehicles

TexITE Spring 2025
Austin, TX

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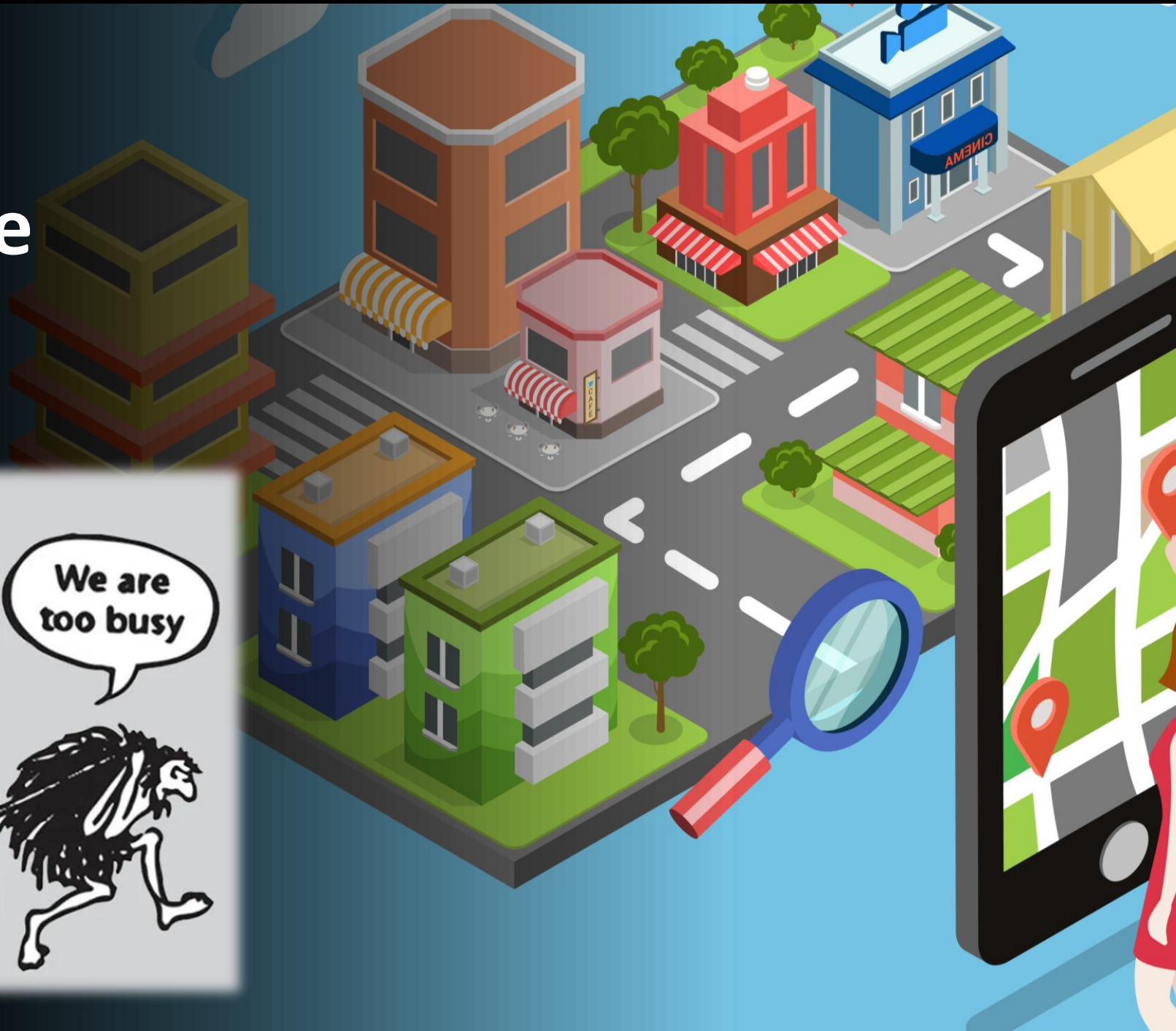
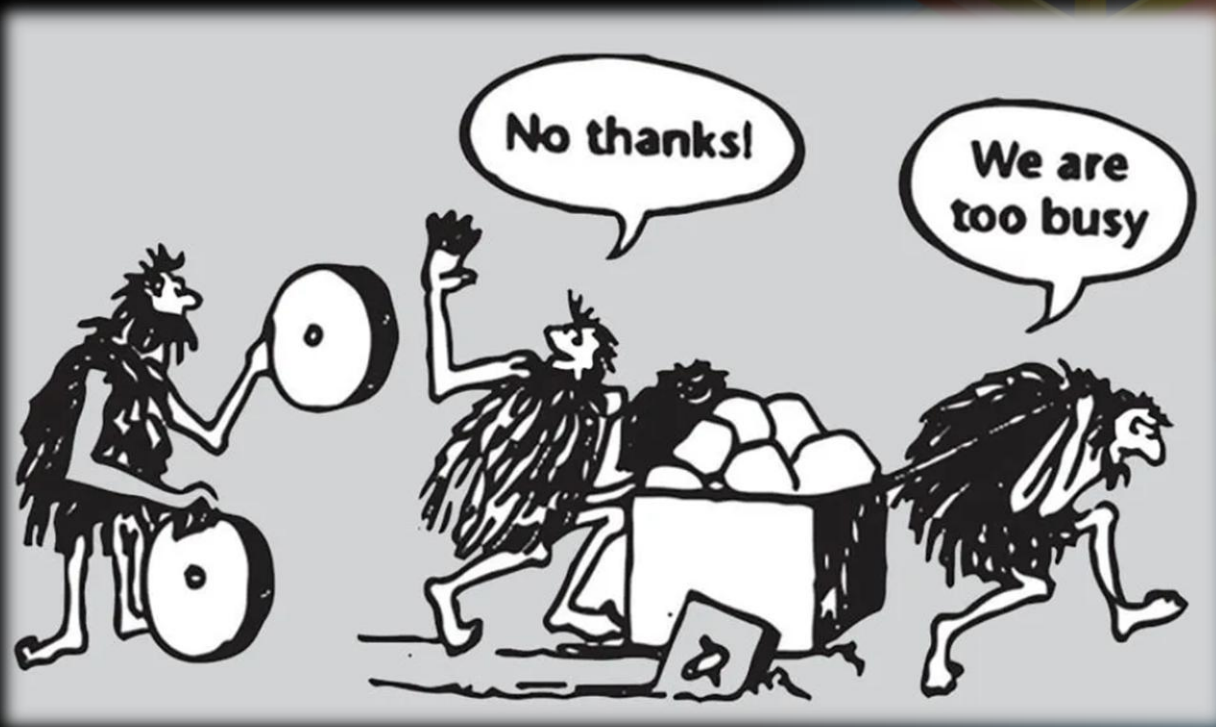


April 3, 2025



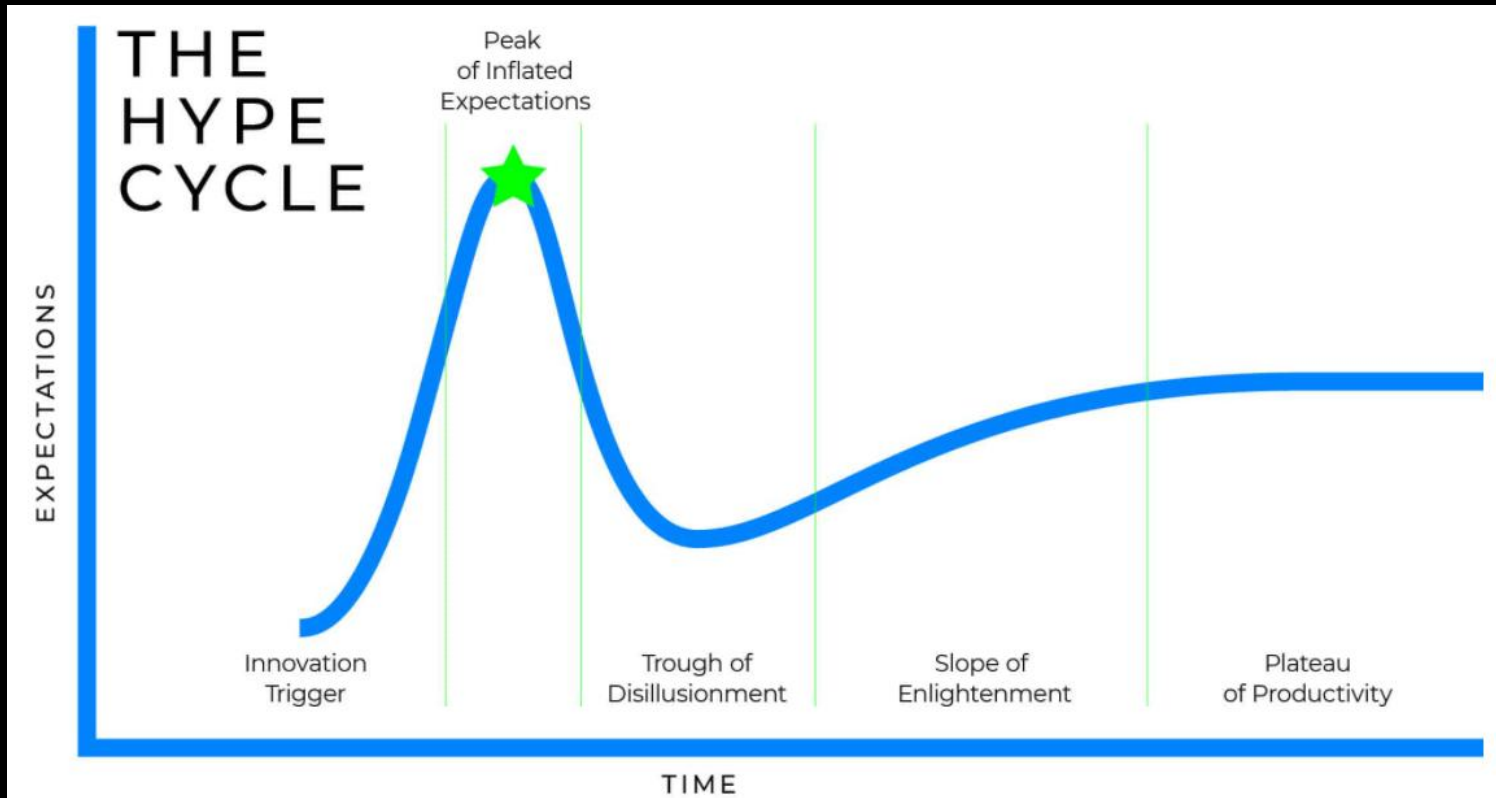
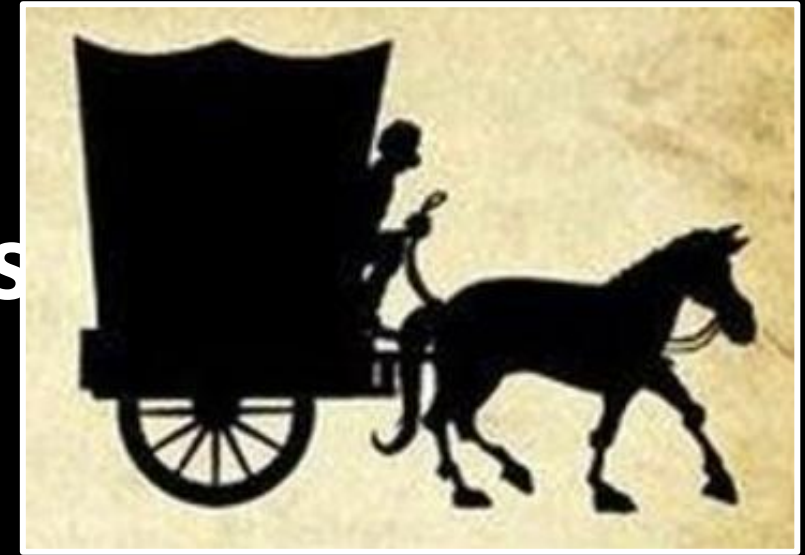


Planning for Future Transportation





Challenges of Technology Changes and Chaos





STARSHIP

FedEx

FRISCO ISD



FRISCO



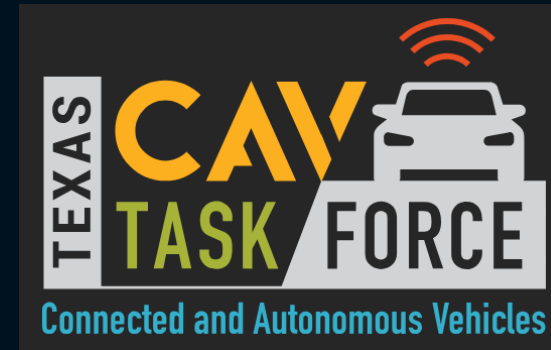
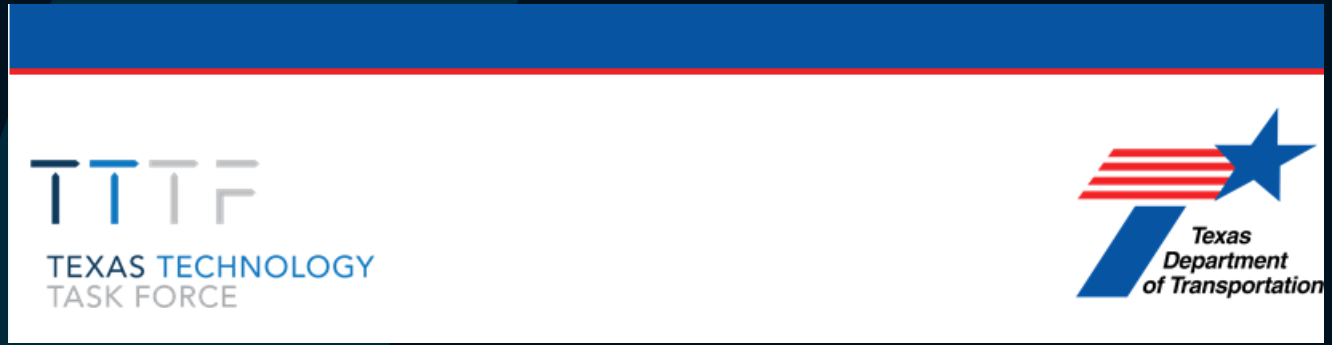
Wing™





Engagement and Partnerships

- Texas Innovation Alliance
- Texas Technology Task Force
- Texas CAV Task Force
- Partners for Automated Vehicle Education (PAVE)
- Frisco EDC





Transportation Initiatives



- Work Zone Data Exchange
- Frisco PD & Aurora
- Technology-Based Transit
- Downtown Redevelopment
- Mobility Hub & Circulator



Implement Work Zone Data Exchange (WZDx)

- USDOT standard
- Improve Operations and Safety for:
 - Workers
 - Human Drivers
 - Automated Vehicles
- NCTCOG Grant

2024 WZDx CALL FOR PROJECTS



Causeway
one.network





Frisco PD and Aurora

- AV Freight Delivery – IH45
- Frisco expertise in Commercial Motor Vehicle Enforcement
- Help the AV Industry
- Help Frisco first responders to be “AV-ready”

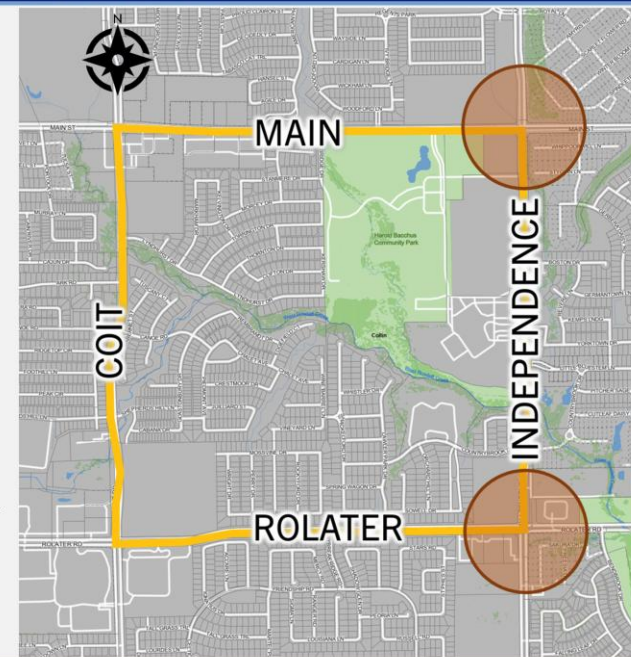


On August 5th and 6th, Frisco PD and Frisco FD will be assisting Aurora Innovation with testing their autonomous vehicle technology. The data collected will help these systems better respond to emergency vehicles.

The testing will occur in Frisco along the roadways indicated on the map, with a focus on the intersections of Main/Independence and Rolater/Independence.

Motorists may see police and fire emergency vehicles operating with lights and sirens activated and should respond accordingly as required by law.

**During these scenarios, the Aurora vehicles will be manually driven by an operator behind the wheel.*

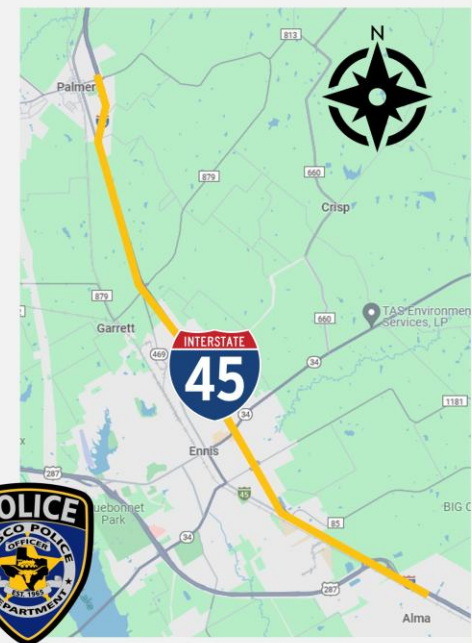


Following successful collaboration in December 2023, the Frisco Police Department and Aurora Innovation are working together again for autonomous vehicle testing.

On March 11 and 12, Frisco PD motorcycle officers will conduct mock traffic stops of a manually driven Aurora truck on I-45 between Palmer and Ennis, which will help Aurora's autonomous vehicle technology recognize law enforcement motorcycles and respond appropriately.

"The Frisco Police Department is committed to ensuring the safety of new, innovative technologies, including autonomous trucks, and appreciates Aurora's open and transparent partnership. We look forward to continued communication and cooperation with Aurora as they progress toward driverless operations in the coming year."

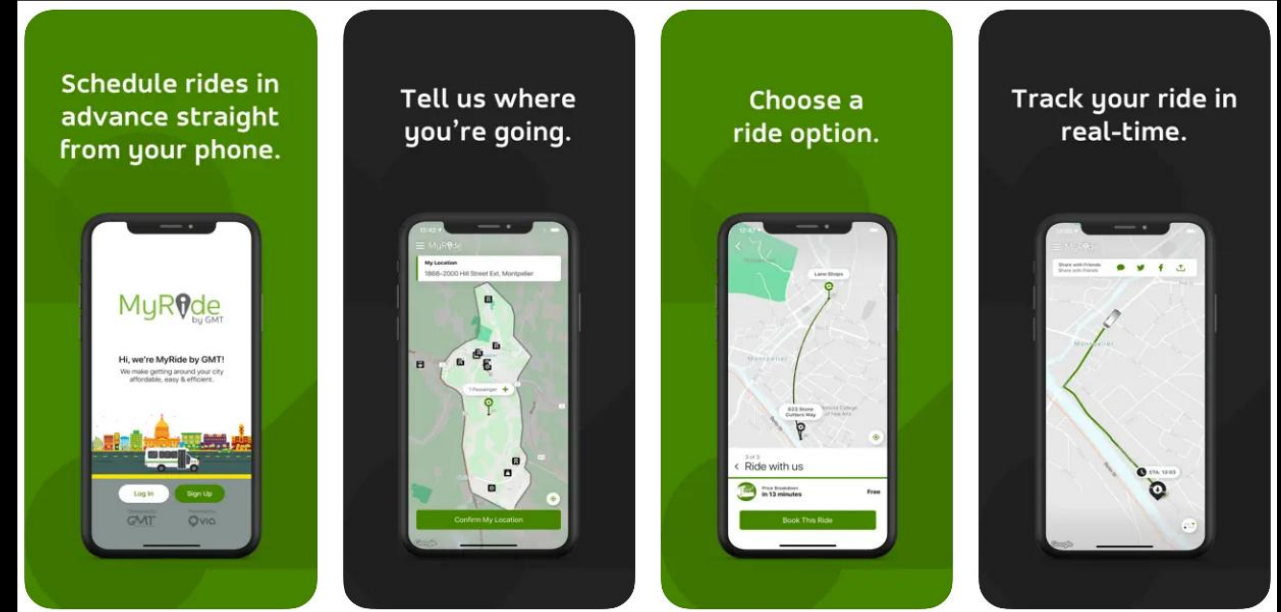
—Officer T. Mrozinski, Frisco PD Traffic Unit-Commercial Motor Vehicle Enforcement





Microtransit Service

- Council support February 2024
- On Demand Shuttles
- Point-to-point trips
- Federally Funded
- Open to public in service area





Downtown Redevelopment



- Supports Multi-Modal
- Choose Walkability over Vehicle Mobility
- Garage
- Need Circulator



Mobility Hub

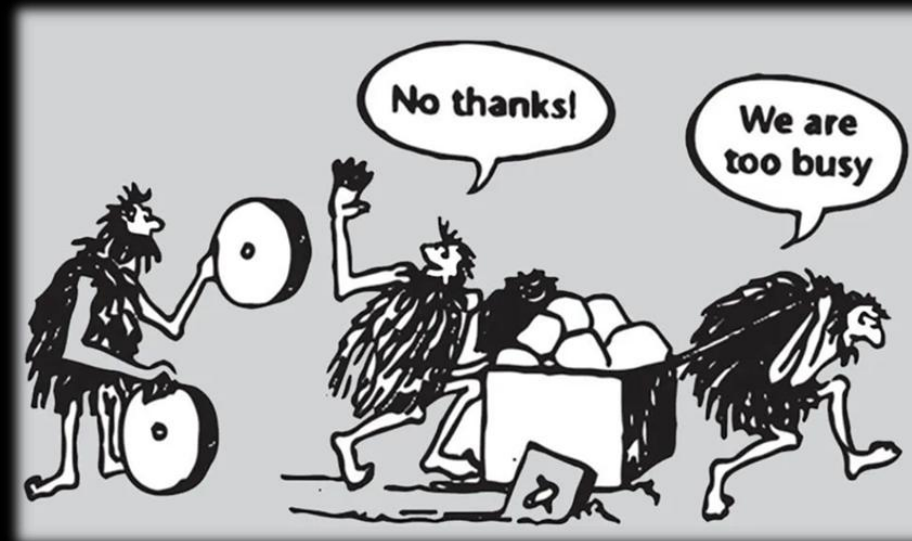


- Defined Space
- Secure, Covered and Conditioned Waiting Area
- Charging Docks
- Centralized Information
- AV Circulator Potential



Closing Thoughts

- You can prepare without having a deployment – past or present
- Understand your legal framework
- Partnerships are helpful
- Share what you learn with others
- Educate the public and build trust
- Consider involving a research institution



Thank you!

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