



# G104 “Driver-Out” Readiness - Deployment of Automated Driving Technology

*An Overview of the NHTSA Office of Automation Safety Activities  
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# AV Framework Principles

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- **Prioritize the safety** of ongoing AV operations on public roads
- **Unleash innovation** by removing unnecessary regulatory barriers
- **Enable commercial deployment** of AVs to enhance safety and mobility for the American public

Announced by Secretary Duffy on April 24, 2025

In execution, NHTSA is addressing *BOTH* the design of the vehicle *AND* the ADS controlling the vehicle in a multi-pronged approach.

# AV Regulatory Landscape

## Federal

(Vehicle Safety Focus)

- Safety Standards
- Exemptions
- Vehicle Defects
- Vehicle Research

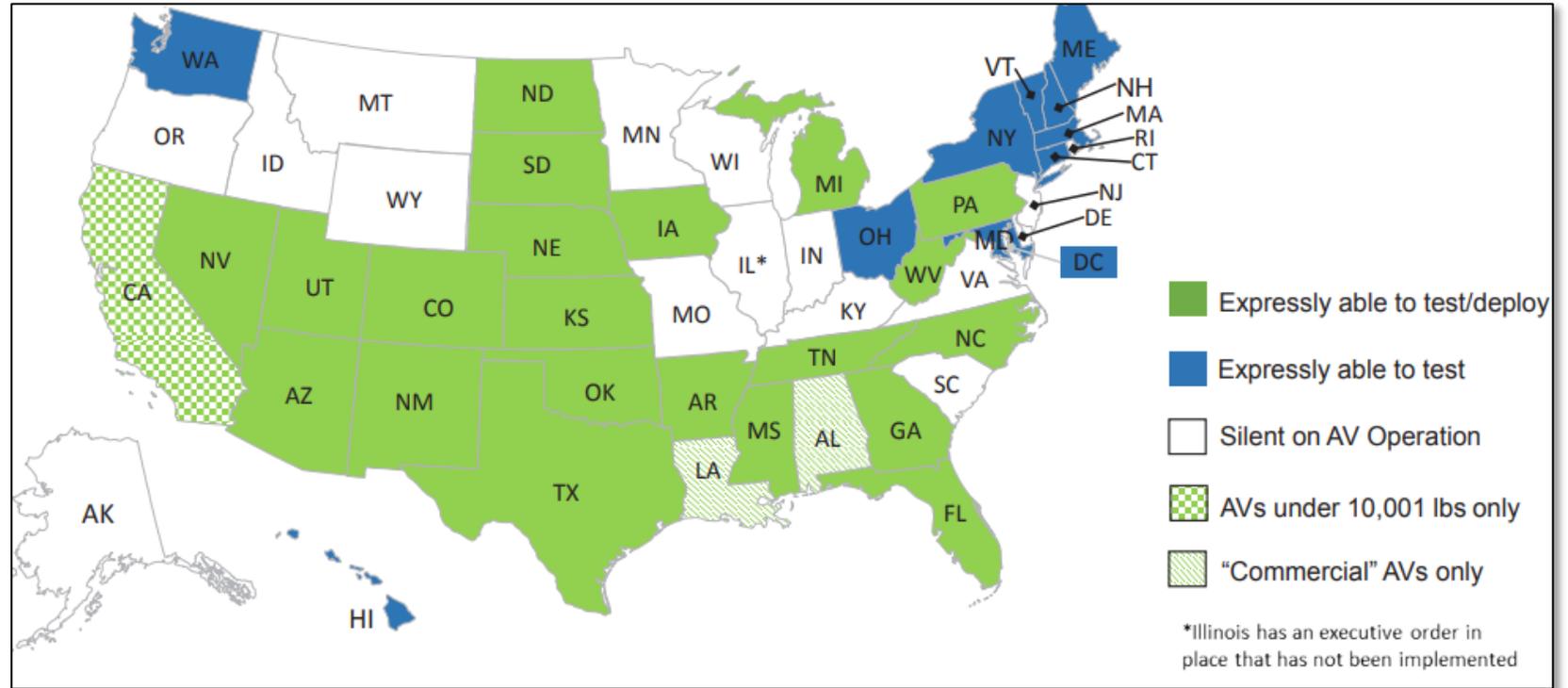
## Shared Safety Oversight

## State

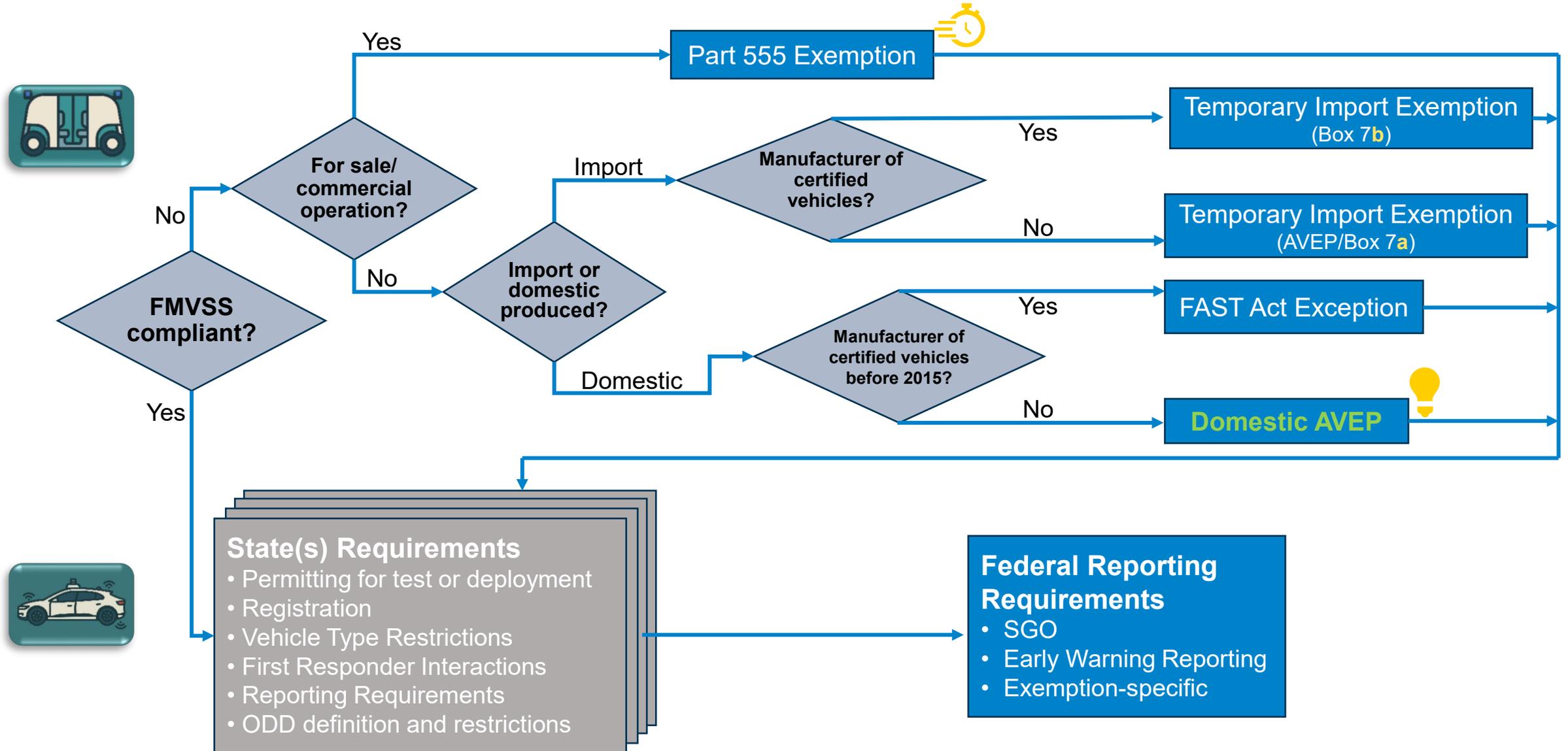
(Driver & Operations Focus)

- Driver Licensing
- Traffic Laws
- Registration
- Inspections
- Equipment Reqs

## U.S. State AV Laws & Regulations



# Current Processes for ADS Operations



# AV Framework – Actions to Date

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## Streamlined Standing General Order (SGO)

- Issued and announced April 24, 2025
- Effective June 16, 2025

## Domestic expansion of 30114 exemptions

- Announced April 24, 2025
- Zoox exemption request received June 5, 2025, & granted on August 4, 2025

## Streamlined 555 exemption process

- Announced June 13, 2025

# Modernizing Existing FMVSS

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## Completed:

- Occupant Protection for Vehicles with Automated Driving Systems (2127-AM06)

## In Progress:

- Modernization of FMVSS 102 to Accommodate ADS (2127-AM72)
- Modernization of FMVSS 103 and FMVSS 104 to Accommodate ADS (2127-AM71)
- Modernization of FMVSS 108 to Accommodate ADS (2127-AM70)
- Considerations for Telltales, Indicators and Warnings in Vehicles Equipped With Automated Driving Systems (2127-AM07)

# Continued Stakeholder Engagement

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- Automated Transportation Symposium (11/3-6/2025)
- ADS Workshop 11/20/25
- AVIA Autonomy Summit 12/4/25
- CES 1/6-9/2026
- TRB 1/12-15/2026
- SAE G/I 1/20-22/2026
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