


*Scan Everything. Fix Everything.
Secure Everything*

Connected Vehicle Compliance

A Guide to Understanding
the New Department of
Commerce Rule with
Confidence

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Connected Vehicle Compliance



Is Your Company Ready for This New Regulatory Landscape?

Connected vehicles have long development cycles, meaning those that are in development today must be built with the security standards of the new regulation in mind. If security isn't integrated now, you are at-risk of non-compliance when your vehicle is ready for the market:

The Department of Commerce has proposed a game-changing rule for the automotive industry:

- Prohibits import of certain software for Vehicle Connectivity Systems (VCS) and Automated Driving Systems (ADS) as well as hardware for VCS from companies located in (or subject to the jurisdiction of) foreign adversary countries
- Requires detailed Software and Hardware Bills of Materials (SBOMs/HBOMs)
- Mandates supply chain visibility and vendor analysis
- Enforces strict compliance measures with significant penalties for violations
- Impacts all connected vehicle manufacturers selling in the U.S. market
- Integrate security at the start of development
- Adopt SBOMs and HBOMs to maintain transparency and evaluate third-party risk
- Conduct regular vulnerability assessments
- Align development with upcoming regulatory requirements
- Partner with experts to help navigate these new demands and ensure long-term compliance



Compliance Deadline:
Model Year 2027 for software, Model Year 2030 for hardware

Connected Vehicle Security with Finite State

- ✓ Collect and validate SBOMs from suppliers
- ✓ Track security risks in real-time
- ✓ Enrich SBOMs with 200+ threat and vulnerability intelligence sources
- ✓ Perform advanced binary analysis
- ✓ Automate compliance reporting
- ✓ Stay ahead of evolving automotive standards

Advanced Security Services



Cyber Policy Consulting

Leverage expertise from former senior U.S. government officials • Navigate complex regulatory landscapes with confidence • Develop robust compliance strategies • Stay ahead of evolving cybersecurity policies



Expert Penetration Testing

Comprehensive assessments by Finite State's Red Team • Identify vulnerabilities that automated scans might miss • Meet the rule's requirements for thorough security testing • Receive actionable remediation guidance

Why Choose **Finite State**?

- **Connected Device Expertise:** Deep understanding of IoT ecosystems and complex software supply chains
- **Workflows Dev Teams Actually Use:** Seamless integration into existing CI/CD pipelines
- **Comprehensive Protection:** End-to-end security across the entire product lifecycle
- **World Class Support:** Our team of cybersecurity and policy experts is committed to your success
- **Government-Grade Expertise:** Benefit from the knowledge of former senior U.S. government officials



Ready to secure your connected vehicle future?

Contact us today to schedule your demo and consultation. Visit finitestate.io/request-demo or email info@finitestate.io