

Security Expertise to Accelerate Product Readiness & Compliance

Finite State's cybersecurity services are purpose-built to support connected device manufacturers as they secure products, reduce supply chain risk, and meet global compliance mandates. Whether you're launching a new product or remediating findings, our experts work alongside your team to provide tailored testing, strategic guidance, and actionable results backed by the intelligence of the Finite State Platform.

Compliance We Support

- EU Cyber Resilience Act (CRA)
- CE RED Article 3.3 (d), (e), (f)
- FDA 524B for medical devices
- U.S. Cyber Trust Mark
- NIST Cybersecurity Framework
- Executive Order 14028
- Connected Vehicle Regulations
- CTIA and telecom-specific standards

80%

faster audit prep:

evidence packages in days, not months

2x

quicker program maturity

vs. building in-house

30%

cost savings

compared to fully staffing internal teams

Cybersecurity Services



Penetration Testing

Uncover real-world security risks across your entire product ecosystem.

- Firmware, software, & hardware penetration testing
- Network traffic & API attack surface analysis
- Cloud & mobile app assessment
- Source code reviews & remediation testing
- Build reproducibility & hardware integrity checks



Strategic Advisory

Security strategy tailored to your organization, product roadmap, and market goals.

- Security program design & team enablement
- Architecture reviews & risk modeling
- Maturity assessments & policy development
- Embedded virtual CISO/CPSO support



Device Certifications

Demonstrate due diligence and ship audit-ready products with expert-led support.

- CE RED, EU CRA, FDA 524B, CVR alignment
- Secure-by-Design / Secure-by-Default validation
- Documentation mapping & audit preparation
- Threat modeling & security program development



Training & Certifications

Empower your team to operate with security best practices at every stage.

- Secure development lifecycle (SDL) training
- Compliance frameworks & audit preparation workshops
- Product security process improvement
- Tailored education for engineering, security, & compliance teams

Why Finite State Services?

Purpose-Built for Connected Devices

Unlike generic consultancies, we specialize in IoT, OT/ICS, medical, automotive, and consumer tech—from chip to cloud.

Backed by the Finite State Platform

We use our own industry-leading platform to guide engagements, prioritize risk, and ensure every test is informed by software composition, exploitability, and real-world threat intelligence.

Actionable, Audit-Ready Outcomes

Every engagement delivers a report your team can use: clear prioritization, remediation guidance, and mapped compliance artifacts.

More Than a Test—A Security Partnership

We collaborate deeply with your teams, aligning testing and advisory to your real-world use cases and helping you build sustainable security practices that scale.

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Finite State has been our biggest enabler of CRA compliance. Their advisory team gave us the guidance and confidence we needed to navigate the requirements and prove compliance efficiently. — Senior AppSec Manager, International ICS Manufacturer

Custom Engagements That Fit Your Stage

Whether you're pre-market, preparing for certification, or managing post-release updates, our services are fully customizable to your goals, timeline, and resource level.

- Automotive Products
- Industrial & OT Systems
- Healthcare Technology
- Consumer IoT Products
- Embedded Systems

Let's Secure What Matters, Together

Whether you're securing life-critical systems or connected consumer devices, Finite State Services helps you:

- Build security into your development lifecycle
- Validate risk before it reaches production
- Meet growing regulatory requirements
- Prove trust to customers, auditors, and partners

Ready to Secure Everything?



Start building your tailored engagement