

# How One Global Manufacturer Cut Compliance Prep Time by 90% and Reduced Vulnerability Noise by 95%

## Summary

A global manufacturer struggled to manage product security across fragmented tools, inconsistent SBOMs, and overwhelming false positives. These inefficiencies slowed releases, drained team resources, and jeopardized compliance efforts. By unifying their product security program with Finite State, the organization transformed noise into meaningful insight, accelerating compliance, improving vulnerability prioritization, and establishing predictable, audit-ready releases.

## Customer Challenge

Across multiple product lines, five different SBOM generators produced inconsistent, disconnected data. Vulnerabilities lacked context, SBOM formats varied widely, and evidence was scattered across siloed teams.

Legal, compliance, and product security teams were spending weeks compiling information for regulatory reviews with no single source of truth and no reliable way to distinguish real threats from background noise. The fragmented environment made it nearly impossible to scale, validate findings, or move efficiently into production.

## The Solution

The manufacturer deployed Finite State as a centralized platform to unify and streamline product security workflows across the entire lifecycle. With Finite State, they were able to:

- Normalize SBOM generation across teams and tools
- Ingest and analyze third-party SBOMs for full supply chain visibility
- Enrich vulnerabilities with reachability and exploitability insights
- Automate policy enforcement and assign clear ownership for compliance tracking
- Export standardized SBOMs and VEX data for internal stakeholders, auditors, and regulators

This transformation replaced scattered processes with a cohesive, automated, and context-rich product security program.

## Customer Profile

**Industry:** MedTech

**Company Size:** 500+ employees

**Market:** Global

**Regulatory Drivers:** FDA 524B,  
EU CRA

**Primary Pain:** Fragmented data &  
manual processes

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Reachability is the big topic in R&D right now. We won't even consider tools that don't have strong reachability assessments and Finite State delivers.

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## Results

### 95% Noise Reduction

Finite State's reachability and exploitability analysis allowed teams to focus only on vulnerabilities that truly mattered—dramatically reducing false positives and triage fatigue.

### Compliance Prep Time Cut by 90%

Audit preparation that once required weeks of manual work now takes just days, thanks to consolidated views, workflow automation, and audit-ready SBOMs.

### Regulatory-Ready by Design

With end-to-end traceability—including VEX tracking, vulnerability ownership, and full SBOM lifecycle management—the company is well-positioned for requirements like FDA 524B, the EU Cyber Resilience Act, and internal risk frameworks.

### Predictable, Repeatable Releases

A unified platform gives security, engineering, and legal a shared understanding of release readiness.

## About Finite State

Finite State is the AI-First Product Security Platform purpose-built for the world's leading connected device manufacturers. From embedded systems to complex IoT ecosystems, we help organizations secure their products at scale by unifying SBOM management, vulnerability analysis, compliance automation, and supply chain risk monitoring—all in one intelligent platform.

Our technology combines deep software analysis with AI-driven context to cut through security noise, pinpoint critical vulnerabilities, and deliver clear, actionable insights across engineering, security, and compliance teams. Trusted by global enterprises across automotive, industrial, medical, consumer IoT, and critical infrastructure, Finite State enables manufacturers to accelerate development, simplify regulatory readiness, and deliver secure, compliant products with confidence.

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