Automating Software Supply Chain Visibility & Risk Management in a F-500 Financial Services Firm

THE CHALLENGE:
Gaining Control Over Software Supply Chain Risks

A Fortune 500 global financial services firm, offering insurance and professional services, faced a growing challenge: limited visibility into its software supply chain risks across multiple business units.

Despite having an advanced product security program and multiple cybersecurity tools, the company's sprawling development environments across sub-organizations created blind spots, making it difficult to assess risks, prioritize vulnerabilities, and enforce security guardrails.

The Application Security team needed centralized, timely insights to identify risks and prioritize vulnerability mitigation; enforce software security policies across decentralized development teams; and meet evolving regulatory requirements, including Executive Orders and financial-sector specific security mandates. Without a scalable, automated approach to software supply chain security, the company faced operational inefficiencies, compliance risks, and growing cybersecurity exposure.

THE SCRIBE SECURITY SOLUTION:
A Comprehensive Software Supply Chain Visibility & Automation

To tackle these challenges, the company deployed Scribe Security's Continuous Assurance Platform. By integrating Scribe's automated security controls, the firm gained full visibility and proactive risk management without disrupting development workflows.

Automated Software Bill of Materials (SBOM) Collection
- Scribe Valint Agent deployed across all development pipelines to generate high-accuracy SBOMs from multiple build stages

Automated Code Signing & Tamper-Proof Integrity Verification
- All software components are cryptographically signed, ensuring tamper resilience and code provenance tracking

Policy-Based Security Guardrails & Risk Prioritization
- Security policies enforced through Scribe's policy engine
- Automated risk scoring and prioritization for vulnerability mitigation actionability
- Policy gates facilitate zero-trust approach

Seamless Risk Management Integration
- Scribe Hub API integration with the company's existing risk registries, ensuring timely risk assessments and compliance reporting.

Business Impact & Security Gains

➤ **Comprehensive Risk Visibility Across SDLC**

- ○ Automatic inventory of software risks, ensuring no blind spots in software dependencies
- ○ Automated risk scoring of software components across all development teams

➤ **Automated Security & Compliance Controls**

- ○ 100% of software artifacts cryptographically signed, ensuring tamper resistance & auditability
- ○ 15+ security policies automatically enforced across the pipeline, eliminating manual security reviews
- ○ Streamlined federal compliance with machine-readable attestations & SBOMs, reducing audit time by 40%

➤ **Operational Efficiency & Risk Reduction**

- ○ The CISO's team was able to reduce manual compliance workloads, allowing security teams to focus on proactive threat mitigation
- ○ Eliminated software supply chain security bottlenecks, allowing development teams to move faster without introducing risk
- ○ Strengthened procurement readiness for enterprise & government contracts by demonstrating proactive security governance
- ○ Shortened the time required to resolve security risks due to improved communications and common-language between developers and AppSec teams

Customer Quote

"Scribe Security has been a game-changer. We now have full visibility into our software supply chain risks, allowing us to enforce security policies automatically, prioritize vulnerabilities effectively and meet compliance requirements with confidence. The ability to automate and scale security without slowing down development is exactly what we needed."

VP, Application Security, Fortune 500 Financial Services Firm

Proactive Software Supply Chain Risk Management at Scale

As financial services firms face rising supply chain threats and increasing regulatory scrutiny, timely software risk management is no longer optional—it's a business imperative. And it's not a one-time event either, but a continuous process.

By automating software supply chain visibility, risk prioritization and compliance workflows, this Fortune 500 leader transformed its security approach. Scribe delivers the automation, visibility and security intelligence needed to protect financial institutions at scale.