

Automating Software Supply Chain Security in a Leading Cybersecurity Firm

THE CHALLENGE:

Securing a Complex Software Ecosystem

A global cybersecurity company, trusted by Fortune 500 enterprises and government agencies, needed to strengthen its software supply chain security while maintaining development speed.

Key challenges included:

- **Limited Visibility** – Gaps in tracking software components, dependencies and development workflows.
- **Inconsistent Security Practices** – Security enforcement varied across teams, creating compliance risks.
- **Regulatory Pressure** – Increasing mandates (e.g., NIST 800-218, SLSA, Executive Orders) required rigorous security attestations and SBOMs.

To mitigate these risks, the company sought an automated and scalable solution to embed security seamlessly into their SDLC—without slowing down developers.

THE SCRIBE SECURITY SOLUTION:

Automated Security & Compliance

Scribe Security's continuous assurance platform provided end-to-end visibility, compliance automation and real-time security enforcement across development pipelines.

With Scribe, the company:

- 1 **Mapped Software Components** – Automated discovery of source code repositories, CI/CD pipelines, dependencies, container registries and deployment infrastructure.
- 2 **Enforced Security Guardrails** – Standardized security policies without manual intervention.

- 3 **Automated Compliance** – Generated machine-readable attestations and signed SBOMs, thus streamlining audits.
- 4 **Prevented Tampering** – Implemented code signing, policy enforcement and artifact verification.
- 5 **Measurable adoption** – Generated detailed adoption reports of security guardrails, facilitating comparison between teams and projects.

By integrating seamlessly into existing workflows, Scribe empowered DevSecOps and Product Security teams to secure software at scale—without disrupting development.

"Scribe helped us to transform how we approach our software supply chain security. Their automation and real-time enforcement ensure our development teams move fast—without compromising security. With full visibility, policy-driven controls, and automated compliance, we've strengthened our security posture while reducing operational overhead."

– [Senior Product Security Leader, Global Cybersecurity Firm]

RESULTS:

Stronger Security, Compliance & Efficiency

- **Full Visibility & Control** – Gained timely security insights across SDLC teams.
- **Significant Security & Compliance Gains** –
 - 15+ security policies enforced automatically across the pipeline.
 - 100% of software artifacts cryptographically signed, reducing supply chain risk.
 - Achieved a streamlined signing-key provisioning process. Reduced manual processes and key management overhead.
 - Machine-readable attestations and SBOMs simplified compliance audits.
- **Efficiency Boost** – Cut manual security audits by 40%, reducing compliance bottlenecks.
- **Increased Customer Trust** – Strengthened security posture, enhancing procurement readiness for enterprise and government contracts.

With Scribe, the company turned security from an obstacle into a strategic advantage—achieving continuous assurance, compliance automation and tamper-proof software delivery. Secure software starts at the source—Scribe ensures it stays that way. To learn more, visit [Scribe Security](#) today.