



# How Star Lab Automated Compliance Monitoring for Defense Software Security



When Star Lab was acquired in 2023, they faced stringent National Security requirements around their software development lifecycle. To ensure compliance without interrupting their developers' workflow, Star Lab turned to Kosli. By automating evidence gathering and implementing real-time compliance monitoring, they successfully met the defense industry requirements.



## Challenges

- Manual evidence gathering was disruptive to development teams
- New regulatory requirements needed validation
- Previous compliance was "one-time proof" rather than continuous monitoring
- Needed developer-friendly way to track software development lifecycle



## Solutions

- Automated evidence gathering integrated with existing CI/CD pipelines
- Real-time compliance monitoring and status checks
- Custom framework built on Kosli CLI for defense requirements
- Seamless integration with existing GitLab workflows

### STAR LAB

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#### LOCATION

Washington, DC  
USA

#### INDUSTRY

Defense & Military  
Cybersecurity

#### PROFILE

Founded 2015  
FTE 45

#### WEBSITE

starlab.io



**“When we went through our first audit, we discovered how disruptive it was just to gather artifacts for auditors. We could only prove compliance at a single point in time – that’s not real compliance. With Kosli, we can demonstrate continuous compliance at all times across our entire software delivery process.”**



**Adam Fraser, COO @ Star Lab**



Star Lab worked with Kosli to map their compliance requirements to automated attestations, creating a framework that could continuously validate their software development practices. The solution provides cryptographic proof of compliance while maintaining developer productivity.

*“With Kosli, we mapped every compliance requirement to automated attestations. Now we have an immutable ledger that proves our software delivery process meets defense industry standards at every step.”* - Farhan Patwa, Senior Software Engineer

The system now automatically monitors compliance and provides instant alerts if any requirements aren’t met. This gives Star Lab continuous visibility into their compliance status rather than point-in-time validation.

*“Every pipeline run now automatically validates compliance, with instant Slack notifications if any checks fail. We’ve moved from periodic audits to continuous compliance monitoring that alerts us the moment anything needs attention.”* - Farhan Patwa, Senior Software Engineer

Future-looking, Star Lab is expanding their use of Kosli to cover additional security standards like NIST SP 800-218, the Secure Software Development Framework (SSDF), positioning them to be one of the first companies ready for formal audits against these emerging requirements.

*“Kosli has positioned us to be one of the first companies ready for emerging defense industry requirements like NIST SP 800-218. As these standards become contract requirements, we’re already prepared.”* - Adam Fraser, COO

The impact has been significant both for compliance and development teams. Instead of disrupting developers to gather evidence, the system automatically collects and organizes compliance artifacts. External reviewers have responded positively to the automated approach.

*“External reviewers have been impressed with our automated compliance monitoring. We can demonstrate continuous compliance rather than just periodic audit readiness.”* - Adam Fraser, COO



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