

# From Cloud Exposure Discovery to Resolution

Bishop Fox Cosmos x Tamnoon Cover your Cloud



## The Challenge

Attack surfaces are expanding, and the tools to cover them still require expert human oversight. Security teams are caught between discovering vulnerabilities and effectively remediating them, without jeopardizing the integrity of production environments. This gap, compounded by limited resources and the need for deep expertise in multiple technology stacks (a specific cloud provider, framework, language, etc...), leaves critical risks unaddressed and organizations vulnerable to attack.

## Our Integrated Solution

The partnership between Bishop Fox's Cosmos platform and Tamnoon's managed cloud security remediation service offers a mix of active, continuous penetration testing and AI-augmented (yet human-verified) remediation of the uncovered issues. Combining Cosmos's elite threat discovery and validation capabilities with Tamnoon's managed cloud security service ensures vulnerabilities are not only surfaced – but also resolved safely and efficiently.



# How we work together

## **Bishop Fox Cosmos: Expert-Driven Threat Discovery**

- Comprehensive attack surface mapping and continuous management.
- Expert validation to eliminate false positives and confirm real-world exploitability.
- Detailed demonstration of attack paths for improved understanding of vulnerabilities.
- Continuous penetration testing to uncover hidden risks.
- Built-in knowledge transfer with clear documentation of attack scenarios.

## **Tamnoon: Intelligent Resolution Engine**

- Transforms Bishop Fox's findings into actionable, prioritized remediation tasks.
- Provides automated, production-safe remediation workflows.
- Ensures scalable fixes with minimal operational disruption.
- Continuously improves cloud security posture with AI-driven enhancements.
- Offers clear, step-by-step guidance for remediation while capturing reusable knowledge.





# Business Impact and Key Benefits: The Power of Complete Coverage

## An end-to-end security partnership

- Tamnoon's resolution capabilities take over where Bishop Fox's expert threat discovery leaves off, providing end-to-end coverage.
- No gaps between threat identification, prioritization, and remediation.
- Continuous improvement of security posture through a blend of advanced penetration testing technology, AI-driven investigation and impact analysis, combined with expert validation and remediation guidance from cloud security experts.
- Scalable operations without adding additional headcount or specializing in yet another technology.

## Enhanced Efficiency

- 95% reduction in investigation and validation time.
- 85% improvement in mean time to remediation (MTTR) for critical vulnerabilities.
- Mixture of automation & human expertise eliminates manual effort in remediation planning and execution.

## Comprehensive Risk Reduction

- Production-safe remediation minimizes implementation risks.
- Continuous monitoring enables proactive mitigation of emerging threats.
- 85% immediate risk reduction through prioritized and focused remediation.

## Resource Optimization

- Reduces operational overhead through intelligent automation.
- Achieves significant cost savings through scalable, automated detection, investigation, and remediation workflows, enhanced by Tamnoon's human-in-the-loop validation.
- Multiplies the impact of existing security resources without expanding the team.

