Cosmos

Cosmos is the next generation of perimeter protection, combining attack surface management with expert-driven penetration testing to help security teams identify and remediate dangerous exposures before attackers can exploit them.

**MINIMIZE THE WINDOW OF EXPLOITABILITY**

**Outpace Perimeter Threats**

In the ongoing battle between cyber adversaries and defenders, victory has always been a matter of timing. Given enough time, an attacker will identify and exploit vulnerabilities unless security teams intervene first.

Cosmos helps tip the time advantage in your favor, offering a comprehensive continuous threat exposure management solution that combines the identification of perimeter assets with the exploitation of vulnerabilities through expert-driven testing.

Our innovative approach cuts through the noise of traditional attack surface management and vulnerability scanning, equipping your team with verified, business-impacting exposures. This empowers you to narrow the window of exploitability and strengthen defenses where they're needed most.

**KEY OUTCOMES**

- Maintains a 360-degree accurate view of your attack surface
- Actively discovers known & overlooked exposures across your attack surface
- Eliminates the burden of triage, freeing resources for other priorities
- Safely validates the exploitability of exposures on your behalf
- Focuses your team on remediating business-impacting issues
- Minimizes the window of exploitability, ensuring attackers remain on the outside looking in

**Producing the Outcomes That Matter**

<table>
<thead>
<tr>
<th>ATTACK SURFACE MANAGEMENT</th>
<th>EXPERT-DRIVEN TESTING</th>
<th>FOCUSED REMEDIATION</th>
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</thead>
<tbody>
<tr>
<td><strong>Discovered Assets &amp; Exposures Across Your Attack Surface</strong></td>
<td><strong>Validates Exploitability &amp; Assesses Risks</strong></td>
<td><strong>Accelerates Resolution of Business Impacting Exposures</strong></td>
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</tbody>
</table>

- **Asset Discovery**
  - Identifies your digital presence and verifies asset ownership utilizing a proprietary ASM platform along with human-in-the-loop validation.

- **Exposure Identification**
  - Uncovers opportunistic vulnerabilities and emerging threats by targeting adversaries' primary attack vectors, including stepping-stones to more complex attack chains.

- **Exposure Validation**
  - Verifies the exploitability of exposures using expert penetration testers who replicate real-world attack techniques.

- **Deeper Assessment**
  - Optional testing to assess deeper, more sophisticated risks an authenticated user or established attacker might present.

- **Contextual Prioritization**
  - Executes extensive post-exploitation, resulting in severity ratings contextual to internal pathways, systems, and data at risk.

- **Expert-Guided Remediation**
  - Provides real-time insights, prescriptive guidance, and on-demand retesting that minimizes the window of exploitability.

*Learn More*
Separating Cosmos from the Competition

Experience the Difference

Don’t let incomplete solutions put you at risk. Cosmos is a fully managed service, backed by expert human testers, that identifies and validates dangerous exposures proven to be disruptive to your business in real-world attack scenarios.

### Asset Accuracy

<table>
<thead>
<tr>
<th>COSMOS</th>
<th>OTHER SOLUTIONS</th>
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</thead>
<tbody>
<tr>
<td>Ensures assets belong to your organization.</td>
<td>Includes assets that you don’t own – requiring review &amp; corrective action.</td>
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</tbody>
</table>

### Triage

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<tr>
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<tr>
<td>Eliminates noise &amp; duplicative findings.</td>
<td>Generates an overwhelming number of initial findings to sift through.</td>
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### Validation

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<td>Confirms exposures are real-world exploitable.</td>
<td>Requires internal expert resources to prove exploitability.</td>
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### Meaningful Severity

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<tr>
<td>Ties exposure severity to real business impact.</td>
<td>Ties findings to theoretical severity, not real-world impact.</td>
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</table>

### False Positive Elimination

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<tr>
<td>Confirms all reported findings are 100% at risk.</td>
<td>Leave exposures potentially unaddressed while you follow up on false positives.</td>
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</table>

### Retesting & Support

<table>
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<th>COSMOS</th>
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<tr>
<td>Affirms successful remediation with on-demand support.</td>
<td>Relies on you to interpret findings &amp; implement remediation.</td>
</tr>
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</table>

### CLIENT SATISFACTION

- **82%** Reduction in critical exposure timeframes
- **5,000+** Hours saved yearly identifying & triaging
- **93%** Reduction in resource investment
- **95** Net Promoter Score

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**Trusted By Industry Leading Organizations**

- Amazon
- Equifax
- Sonos
- August
- Change Healthcare
- Google

**Recognized as a Leader in Offensive Security**

- Best Workplaces for Innovators
- Attack Surface Management Market Leader
- Product Innovation, Thought Leadership, & Web Design
- Security Product for Large Enterprise
- Hot Company in ASG
- SC2021 Awards

**About Bishop Fox**

Bishop Fox is the leading authority in offensive security, providing solutions ranging from continuous penetration testing, red teaming, and attack surface management to product, cloud, and application security assessments. We’ve worked with more than 25% of the Fortune 100, half of the Fortune 10, eight of the top 10 global technology companies, and all of the top global media companies to improve their security. Our Cosmos platform, service innovation, and culture of excellence continue to gather accolades from industry award programs including Fast Company, Inc., SC Media, and others, and our offerings are consistently ranked as "world class" in customer experience surveys. We’ve been actively contributing to and supporting the security community for almost two decades and have published more than 16 open-source tools and 50 security advisories in the last five years.

Learn more at bishopfox.com

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