COSMOS Attack Surface Management (CASM)

CASM combines advanced attack surface technology with expert-driven testing to help you remediate business-impacting exposures and strengthen resilience against an ever-changing spectrum of perimeter threats.

OUTPACE MODERN ADVERSARIES

CASM Keeps You Ahead of Perimeter Threats

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

CASM tips the time advantage in your favor, offering a continuous threat exposure management solution that combines the validated discovery of perimeter assets with expert-driven testing to identify exploitable vulnerabilities.

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

Producing the Outcomes That Matter

<table>
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<tr>
<th>ATTACK SURFACE MANAGEMENT</th>
<th>EXPERT-DRIVEN TESTING</th>
<th>FOCUSED REMEDIATION</th>
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<tbody>
<tr>
<td>Discovers Assets &amp; Exposures Across Your Perimeter</td>
<td>Validates Exploitability and Eliminates False Positives</td>
<td>Concentrates Corrective Actions on Business-Impacting Exposures</td>
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<td>ASSET DISCOVERY</td>
<td>EXPOSURE IDENTIFICATION</td>
<td>EXPOSURE TRIAGE</td>
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<td>Identifies your digital presence and verifies asset ownership by utilizing a proprietary ASM platform, along with human-in-the-loop validation.</td>
<td>Uncovers opportunistic and emerging threats by targeting adversaries’ primary attack vectors, including steppingstones to more complex attack chains.</td>
<td>Examines every potential exposure with custom automation and human-in-the-loop techniques to eliminate duplicative findings and false positives.</td>
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Separating Cosmos from the Competition

Experience the Difference

Don’t let incomplete solutions drain your resources and put you at risk. CASM is a fully managed service, driven by human testers with cutting-edge technology, that identifies & validates dangerous exposures proven to be disruptive to your business in real-world attack scenarios.

<table>
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<tr>
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<th>Asset Accuracy</th>
<th>Triage</th>
<th>Validation</th>
<th>Meaningful Severity</th>
<th>False Positive Elimination</th>
<th>Retesting &amp; Support</th>
</tr>
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<tr>
<td>COSMOS</td>
<td>✅ Ensures assets belong to your organization.</td>
<td>✅ Eliminates noise &amp; duplicative findings.</td>
<td>✅ Confirms exposures are real-world exploitable.</td>
<td>✅ Ties exposure severity to real business impact.</td>
<td>✅ Certifies all reported findings are 100% at risk.</td>
<td>✅ Affirms successful remediation with on-demand support.</td>
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<td>OTHER SOLUTIONS</td>
<td>✗ Includes assets that you don’t own – requiring review &amp; corrective action.</td>
<td>✗ Generates an overwhelming number of initial findings to sift through.</td>
<td>✗ Requires internal expert resources to prove exploitability.</td>
<td>✗ Ties findings to theoretical severity, not real-world impact.</td>
<td>✗ Leaves exposures potentially unaddressed while you follow up on false positives.</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

Trusted by Industry Leading Organizations

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

Recognized as a Leader in Offensive Security

1. **Best Workplaces for Innovators**
2. **Attack Surface Management Market Leader**
3. **Product Innovation, Thought Leadership, & Web Design**
4. **Hot Company in ASM**
5. **SC Awards Best Emerging Technology**

About Bishop Fox

Bishop Fox, the leading expert in offensive security, providing comprehensive assessment of modern environments with continuous attack surface management, red teaming, and penetration testing for applications, cloud, network, and products. 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 won six awards for innovation in 2022 from programs including SC Media, The American Business Awards, The Globees, and Cyber Defense Magazine and was named an ASM Fast Mover and Leader in both 2022 and 2023 by GigaOm. 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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