

# Safeguard Your Data With API Security Testing

API Sentry brings visibility needed to understand risks associated with APIs. It combines Redspin's security and analytics expertise with sophisticated API security testing technology to ensure consistent and up-to-date results.

## THE BENEFITS

### Improved API Management

Monitor API usage and ensure appropriate API security to maintain compliance.

### One-stop for API Security

Testing and tracking through a customized solution validating the APIs security posture.

### Cost Effective

Proactive one-time or on-going approach versus expensive manual penetration testing.

## THE CHALLENGE

The use of APIs has increased exponentially because of the ability to quickly share data and processes, leading to better interoperability between applications. The rapid adoption has significantly increased the attack surface area for company applications and existing methods for securing web applications miss API-targeted attacks since APIs include:



**Unique Vulnerabilities** - Contain code and business functionality unique to the organization and any flaws in coding or logic represent Zero-Day vulnerabilities.



**Managed Access** - Changes to APIs to meet the demands of the organization can be difficult to manage over time without a program and technical solution.



**Extended Connectivity** - APIs often need access to parts of the network that would otherwise not be allowed creating a larger potential attack surface.

## HOW API SENTRY WORKS:



1

### ASSESS

Conduct tailored security test playbooks mapped to the OWASP Top 10 to develop a comprehensive security assessment and API topology.



2

### ANALYZE

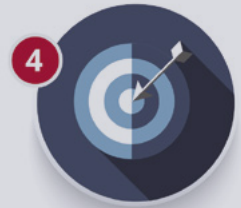
Analyze test results & identify risk criticality score of any identified vulnerabilities based on Common Vulnerability Scoring Systems (CVSS) standards



3

### RECOMMEND

Provide recommendations to address vulnerabilities & integrate vulnerabilities into existing ticketing system



4

### VALIDATE

Re-test and validate the remediation of vulnerabilities & deliver audit-ready reports to demonstrate API security & compliance

## THE SOLUTION

The API Sentry service helps organizations understand and manage the risks associated with APIs in their environment not once but on a continuous basis. Gain never before intelligence into the health of APIs and realize how to remediate vulnerabilities efficiently.

## THE OUTCOME

Access to CynergisTek's Intelligence Dashboard & Reports including insight to a comprehensive view of the following:

- API Sentry findings, associated risks and the level of impact.
- Remediation guidance with tactical steps for IT staff, network admins, and developers to drive technical remediation efforts.
- Ability to track and manage identified vulnerabilities and associated remediation efforts.
- Strategic actions for managers & other stakeholders to drive policy.



Redspin is the recognized authority for organizations in highly regulated industries to achieve cyber readiness. Fortune 500 and leading growth companies turn to Redspin to improve and create the safeguards to protect against the ever-changing threat landscape. Our team is made of nearly 100 security advisors with diverse industry experience with certifications including CISSP, CISM, CGEIT, CRISC, CISA, CBCP, CCIE, CCNP, CCNA, CHPH, CHRC, CHC, CIPP, CHPS, MCSE, SCSA, SCNA, CIA, ISSMP and ISSAP.



**Redspin**  
A Division of CynergisTek

11940 Jollyville Road  
Suite 300-N  
Austin, TX, 78759

info@redspin.com  
800.721.9177  
www.redspin.com

