

## A Security Score Grounded in Reality, Not Guesswork

You get what you measure, and most security organizations don't quantify their resistance to adversaries. Early security scores have tried to measure the easiest metrics instead of ones that truly matter. To date, scanners have provided risk predictions based on vulnerabilities discovered, but these estimates fail to consider what creative adversaries can do. Security rating services leverage publicly-available data to estimate the risk that digital assets present, without measuring it directly.

Synack turns this problem on its head, based on its unique data set that comes from measuring thousands of successful attacks. The Synack Attacker Resistance Score (ARS) provides a realistic assessment of assets' actual hardness against attack based on penetration test performance data. It's empirical, not theoretical, and all the more powerful as a result.

## About the Attacker Resistance Score

The Synack Hacker-Powered Security platform calculates a unique Attacker Resistance Score for every asset and organization that Synack tests. ARS data inputs are generated by the Synack Red Team (SRT) and proprietary technology during a crowdsourced pen test. Attacker Resistance Score sub-components are calculated through our proprietary data science methodology and include\*:

<b>ATTACKER RESISTANCE SCORE</b>	<b>=</b>	<b>Attacker Cost</b>	<b>+</b>	<b>Severity of Findings</b>	<b>+</b>	<b>SRT Skill</b>	<b>+</b>	<b>Remediation</b>
		The level of effort exerted by the Synack Red Team to penetrate the attack surface and find vulnerabilities		The severity and quantity of vulnerabilities discovered in an asset		Complexity of the vulns based on SRT skill required for vuln discovery		How efficiently you resolve identified issues in your environments

## What's Your Score?

Every customer receives a numeric assessment between 0–100 of their performance, along with the qualitative insight into how their security is performing today relative to yesterday.

## Average Attacker Resistance Score by Industry

Retail	Consulting/ Business & IT Services	Tech	Financial Services	Government	Healthcare	Manufacturing
40	52	52	57	60	63	64

\*Data inputs continue to be added to the Attacker Resistance Score algorithm in new releases.

## Key Features of Synack's Attacker Resistance Score

- **Multi-Level Scoring**

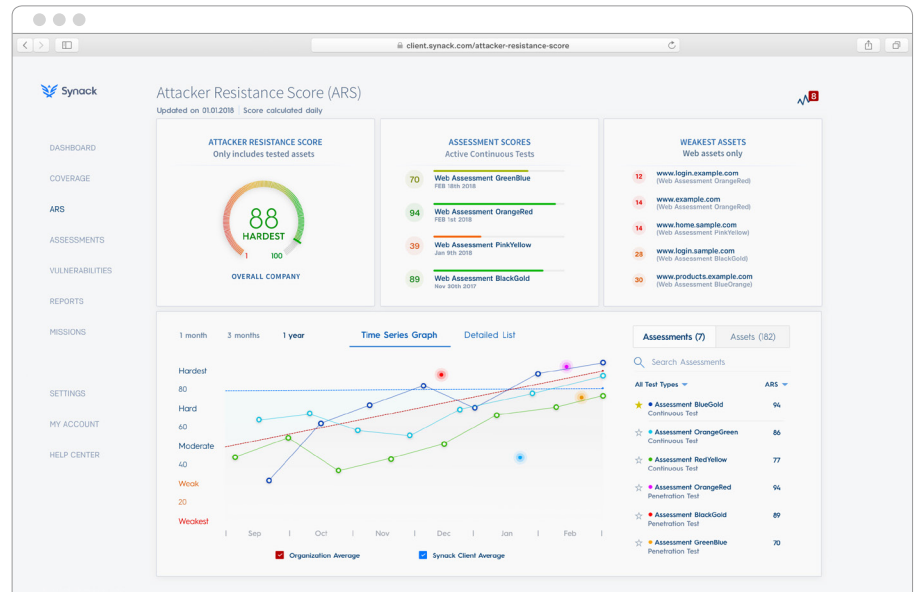
- Organization Level—Provides reportable metric for C-Suite and Board
- Assessment Level—Tracks progress on a test by test basis
- Asset Level—Provides deliverable to asset owners

- **Time-Series Graph** to track scores and performance over time

- **Client Benchmark** to benchmark performance against other Synack clients

- **Weakest Assets** call-out box highlights apps that require additional attention based on real-world exploitability, not theoretical severity

- **Detailed List** shows sub-scores for Attacker Cost and Severity of Findings (including Remediation Efficiency for continuous engagements)



## Benefits of Synack's Attacker Resistance Score

- **Reduce Risk:** Harden assets against attack over time by continuously tracking performance
- **Quantify and Justify** your security programs by showing tangible progress over time
- **Benchmark Against Peers:** Compare your testing performance across assets within your organization and against other organizations
- **Diagnose Readiness & Prioritize Resources:** Identify weaknesses in your attack surface and prioritize weak apps for additional hardening and mitigation
- **Measure & Improve DevOps Security Hygiene:** Gain insight into your development team's adherence to security best practices
- **CxO Reporting:** Create board-level reports with meaningful metrics on your organization's security risk