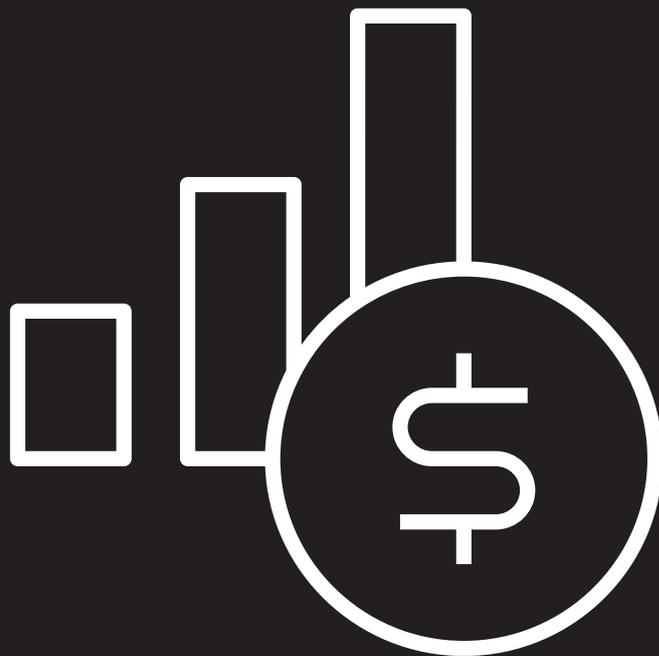


A Use Case

Providing **Scalable** PTaaS to Financial Services Companies





The Challenge

We serve global financial services clients who operate and manage thousands of applications, network devices, multi-cloud setups, and more on a daily basis. These companies conduct regular vulnerability assessments and monthly or quarterly penetration tests (pentest) to comply with rigorous auditing cycles.

The pentest process can be a laborious one, from finding a reputable, quality vendor to participating in the actual pentest and receiving the final report. It can get tedious and time-consuming.

Here are 8 common steps companies usually go through to conduct a pentest:

1. Source a vendor
2. Share an SOW
3. Get a quote
4. Get NDAs and other legal documents signed
5. Start the pentest
6. Receive a PDF report via email
7. Follow-up for retesting
8. Receive a final report

This process rarely goes smoothly since there is plenty of opportunity for error and friction between the vendor and customer. At the end of the day, this makes it difficult to conduct pentests and patch vulnerabilities leading to increased audit times and business loss.

Using Strobes

Strobes is the go-to vendor for these financial giants. They use our Strobes Penetration Testing as a Service (PTaaS) platform to seamlessly request a pentest and collaborate with our pentesters, saving an average of \$100k per pentest.



Engagement Management

Our financial clients are required to get their applications and networks tested on a regular basis. The timelines to carry out these tests are usually tracked using several Excel sheets spanning multiple teams in multiple, global locations. This caused awareness, timing, and collaboration issues that, even in our remote, interconnected world, can bring efforts to a halt.

We found that many clients didn't have a centralized location to define, manage, and schedule their pentesting timelines and efforts.

However, after they started using Strobes, it became easy for them to track their security assessments and protect their assets and business interests.

There are just 5 steps to making pentesting a breeze:

Log in to the platform and select the start and end date for a pentest.



Select the scope of the engagement.



Once the scope and timelines are defined, Strobes security professionals quickly carry out the testing.



As soon as we identify vulnerabilities, the pentesting team logs them in the platform.



You can track the status of all assessments at any time. Test information is constantly updated by the Strobes team.





Strobes / QBank1 Search for assets and vulnerabilities...

Engagements

Track and manage all of your security assessments

Vendor Profile New engagement +

Engagement name	Assessments	Completion	Scheduled on	Delivery on	Last updated on	Summary	Actions
PCI Quarter 1 Engagement	7 Assessments	0%	March 1, 2023	June 1, 2023	February 22, 2023	View Summary	⋮
Engagement 1	2 Assessments	0%	February 22, 2023	February 25, 2023	February 22, 2023	View Summary	⋮
Engagement 2	28 Assessments	9%	February 22, 2023	February 24, 2023	February 22, 2023	View Summary	⋮
Engagement 3	2 Assessments	0%	February 22, 2023	April 22, 2023	February 22, 2023	View Summary	⋮
PCI Quarter 1 Engagement	7 Assessments	0%	February 17, 2023	April 15, 2023	February 20, 2023	View Summary	⋮
Engagement 4	2 Assessments	0%	February 17, 2023	February 18, 2023	February 22, 2023	View Summary	⋮
Engagement 5	0 Assessment	0%	February 14, 2023	February 16, 2023	February 22, 2023	View Summary	⋮
Engagement 6	0 Assessment	0%	February 13, 2023	February 14, 2023	February 22, 2023	View Summary	⋮
Engagement 6	3 Assessments	0%	February 11, 2023	February 12, 2023	February 22, 2023	View Summary	⋮
Engagement 7	0 Assessment	0%	February 8, 2023	February 14, 2023	February 22, 2023	View Summary	⋮

Items per page: 10 1-10 of 60 items 1 of 6 pages

This page displays the status of all the engagements.

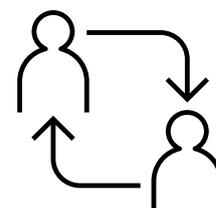
Team Collaboration

After our clients started using Strobes, they were able to add stakeholders to the platform and assign them to assets and vulnerabilities they need to work on.

The pentesters from Strobes are also present on the platform which has immensely improved the collaboration between client teams and our security professionals.

We've identified 5 benefits from this approach:

- Log in to the platform and select the start and end date for a pentest.
- Making asset and vulnerability assignment simple and straightforward reduces duplicative work and increases transparency.
- Stakeholders gain instant access to their assets.
- Stakeholders and our security professionals can seamlessly interact.
- Drastic reduction in time investment by eliminating the use of multiple Excel sheets.





<input type="checkbox"/>	Full name	Email	Role	Assets	Engagements	Joined on
<input type="checkbox"/>	S T	avinash@weseureapp.com	Owner	All assets	All engagements	a month ago
<input type="checkbox"/>	adriana.shoemaker@weseureapp.com	adriana.shoemaker@weseureapp.com	Invited	No assets	No engagements	a few seconds ago
<input type="checkbox"/>	tim.cook@apple.com	tim.cook@apple.com	Invited	No assets	No engagements	a few seconds ago

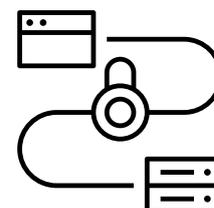
This view displays a list of all the users present in the organization

Vulnerability Management

Our clients used to go through heaps of reports to segregate and identify the top vulnerabilities that needed immediate attention. All this was done using Excel sheets, resulting in friction between teams as the information available in those sheets was not always up to date.

We've identified 5 benefits from this approach:

- Create fine grained queries, and segregate critical and high vulnerabilities on select assets based on their needs.
- Quickly identify the top vulnerabilities that need immediate attention.
- Reduction of ~90% in time spent to segregate and prioritize vulnerabilities.
- Quickly and efficiently keep track of and manage vulnerabilities throughout their lifecycle.
- Instantly create SLAs and track which vulnerabilities have breached SLAs.





ID	Title	Severity	Status	Prioritization Score	Exploitable	Zero day	Affected asset
113964	Privacy Violation-ForgotPassword.aspx.cs	Critical	New	927	* No Exploit	False	Demo Asset
113963	Path Manipulation-PathManipulation.aspx.cs	Critical	New	927	* No Exploit	False	Demo Asset
113962	Password Management: Password in Configuration File...	High	New	886	* No Exploit	False	Demo Asset
113961	Password Management: Password in Configuration File...	High	New	886	* No Exploit	False	Demo Asset
113960	Password Management: Password in Configuration File...	High	New	886	* No Exploit	False	Demo Asset
113959	Password Management: Password in Configuration File...	High	New	886	* No Exploit	False	Demo Asset
113958	Password Management: Password in Configuration File...	High	New	886	* No Exploit	False	Demo Asset
113957	Password Management: Password in Configuration File...	High	New	886	* No Exploit	False	Demo Asset
113956	Open Redirect-CustomerLogin.aspx.cs	Critical	New	927	* No Exploit	False	Demo Asset
113955	Null Dereference-EncryptVSEncode.aspx.cs	High	New	886	* No Exploit	False	Demo Asset
113954	Log Forging-WeakMessageDigest.cs	High	New	886	* No Exploit	False	Demo Asset

An example of a list of vulnerabilities that have been deduplicated and prioritized from all of the sources/scanners

Reports

Before using Strobes, our clients would have to manually generate reports. Here are 6 benefits Strobes offers clients who need clear and comprehensive reports:

- Generate reports on demand for any asset(s).
- Instant access to generated reports.
- Reduction of approximately 99% time required to generate reports.
- Generate compliance specific reports (e.g., PCI DSS).
- Generate reports in CSV or PDF format.
- Generate reports in a custom format.





Report name	Created by	Created on	Status	Actions
Vulns.pdf	John Doe	4 hours ago	Finished	Download
cve_report_as_csv-2023-02-22-04-44-52.csv	John Doe	4 hours ago	Finished	Download
vulnerabilities_threat_report_as_csv-2023-02-22-04-44-50.csv	John Doe	4 hours ago	Finished	Download
vulnerabilities_as_csv-2023-02-22-04-44-42.csv	John Doe	3 hours ago	Finished	Download
asset_overview_report_as_csv-2023-02-22-04-44-33.csv	John Doe	4 hours ago	Finished	Download
asset_overview_report_as_csv-2023-02-22-04-43-32.csv	John Doe	4 hours ago	Finished	Download
risk_score_report_as_csv-2023-02-22-04-43-30.csv	John Doe	4 hours ago	Finished	Download
asset_overview_report_as_csv-2023-02-21-04-50-43.csv	John Doe	a day ago	Finished	Download
risk_score_report_as_csv-2023-02-21-04-50-41.csv	John Doe	a day ago	Finished	Download
assets_as_csv-2023-02-21-04-50-40.csv	John Doe	a day ago	Aborted	Download

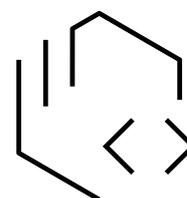
An example of all the generated reports, which can also be downloaded

Our Experts

Strobes' security experts have extensive experience providing security solutions.

Here are 4 benefits our proven team offers clients:

- Access to highly skilled professionals with industry recognized certifications like OSCP, CRPT, CREST CSPA, CEH, AWS Security Specialist, and more.
- Access to professionals capable of delivering web and mobile applications pentesting, networks pentesting, secure code reviews, cloud security assessments, architecture reviews, red team assessments, and more.
- Access to professionals who are trained to clearly communicate findings and provide vulnerability remediation support.
- Access to a team who has successfully delivered 2000+ web application pentests, 1000+ mobile application pentests, 1L+ ips



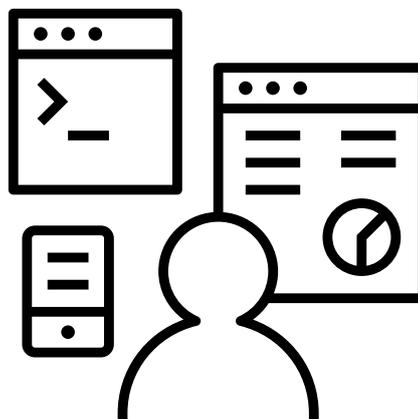


Testing Methodologies

Strobes carries out thorough assessments and pentests to identify vulnerabilities in their environment.

Our testing methodology is made up of 4 processes and principles:

- Following industry standards such as ISSAF, OSSTMM, OWASP, and PTES.
- Using a combination of automated scanning and manual assessments.
- Writing custom scripts to carry out specific tasks.
- Creating and executing custom test cases specific to business requirements.



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