

# **Evaluate** Security Products in a Safe, Secure Simulated Environment

with StackWise<sup>BETA</sup>

## KEY BENEFITS:

- 1 Assess, score, and tune security products – or an entire security stack
- 2 Measure and visualize collated results using an intuitive dashboard
- 3 Test products within a realistic representation of your network
- 4 Leverage the highest fidelity, most robust cyber range available
- 5 Conduct evaluations sandboxed from your production environment

# Intelligent, repeatable security product assessments for guiding unbiased, data-driven selections

Evaluating security products is not only a time-consuming and tedious process, but it can also increase the risk of outages and other impacts to your production network. Additionally, most third-party evaluation environments are just too generic to be of any real use.

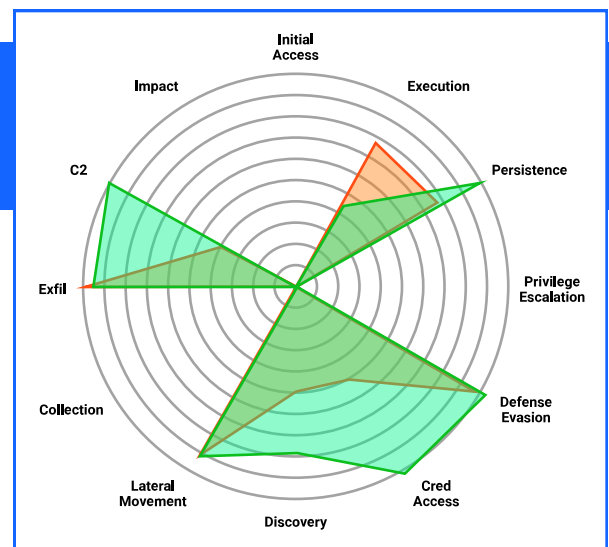
Third-party reports can offer some insight, but they frequently lack specific environmental relevance and technical detail. Without a clear grading system for security product selection, you're forced to manually collate data from several disjointed sources to arrive at a meaningful conclusion – consuming even more time and resources.

To evaluate and select products effectively, you need a way to accurately simulate user interactions, customer-specific topologies, adjacent security products, machine images, and applications and services running in your network environment. That's precisely what SimSpace StackWise<sup>BETA</sup>\* enables you to do.

*StackWise<sup>BETA</sup> is a superior solution for evaluating, scoring, and tuning security products – or an entire security stack – for use in network environments.*

StackWise<sup>BETA</sup> provides a unique automated tool for conducting data-driven evaluations of security products – completely outside of your production environment. After building your tailored test infrastructure, you use your test space to orchestrate secure, repeatable, and scalable product tests. Within the test environment, you can safely observe, measure, and quantify products – with user activity modeled on real-world user behavior – against known cyber threats. You can also automatically measure and visualize the following for each product:

- Efficacy
- Coverage
- Performance
- Network impact
- Stability & reliability
- Environmental overhead



**MITRE ATT&CK Analysis**

*\*StackWise<sup>BETA</sup> version available now. Professional Services required.*

## The SimSpace Advantage

### Realistic Environment

Pre-built, industry-specific ranges can offer a sophisticated, realistic representation of your network. This provides relevant context for evaluating products without the risks associated with using your production network.

### User Emulation

The solution provides real-world network activity to stress products being tested while simulating your specific environment. That way, you can measure the disruptive impact on user productivity.

### Automated Attacks

Easily test against known threats to measure and visualize product efficacy. Evaluate product coverage based on sophisticated attacks mapped to the MITRE ATT&CK framework and relevant in your environment.

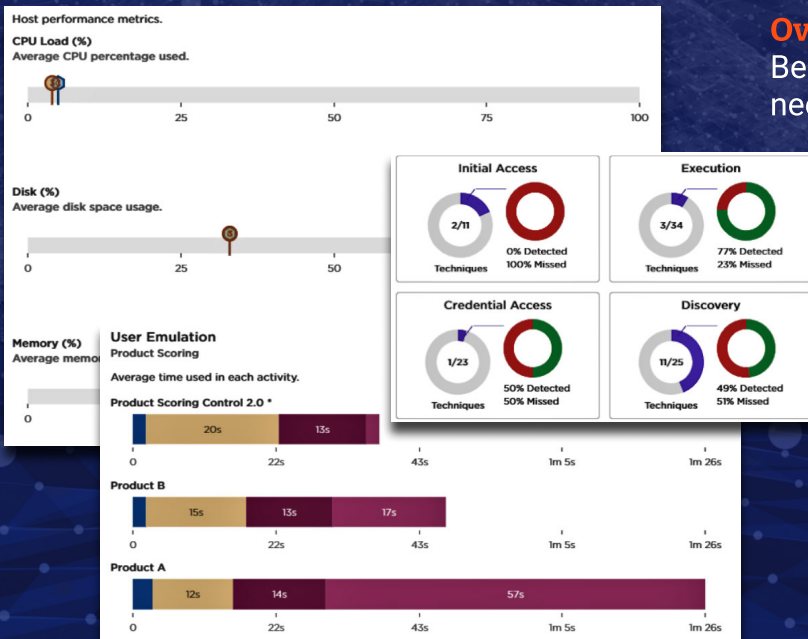


# SimSpace products and services leverage SimSpace RangeWise™, the most mature, complete, and effective commercial cyber range platform.

StackWise<sup>BETA</sup> uses the SimSpace cyber range for the compute infrastructure, emulation capabilities, and integrated instrumentation logging, along with a library of consistent, repeatable tests. In addition, the solution provides repeatability for any test event – applying the same evaluation on multiple products with absolute consistency from test to test.

You receive collated and visualized results at the end of the process via a comprehensive dashboard. Our visualizations and reports provide measurements for effectiveness, predicted overhead, and user performance impact.

Furthermore, StackWise<sup>BETA</sup> lets you take full advantage of the MITRE ATT&CK® framework for evaluating product coverage. You receive a MITRE procedures map, which provides a deeper understanding of the product’s coverage, strengths, and weaknesses.



## Overhead Impact Analysis:

Be confident you have the resources needed to support your product choices.

## Automated MITRE ATT&CK Results:

Gain valuable insights with next-level automated attack reporting.

## Industry-Leading User Emulations:

Don't wait for a call from tech support to know how your users may be affected.

## Learn More

Find out how you can take security product evaluation to a whole new level.



## Deployment Options

### Hosted

Highly available and secure service – right from our data center

### On-premises

Installed directly on your own servers and infrastructure

### Appliance

Ready-to-go server, installed and configured into your network