

VT Cyber Training Center:

Improve the capabilities of your most valuable resources.

Improve team collaboration

Completion of Blue/Red campaigns improves SOC team collaboration.

Welcoming gamified environment

Voluntary participation in the immersive campaigns is enhanced by the competitive element.

Real world scenario training

We use real networks, SIEM tools, servers (windows, Linux), desktops to deliver a real working environment for the most effective training. All campaigns are True to life network environments.

Address the skills shortage

Easily identify high performing quality team members, allowing for easy skill proliferation.

Cloud based

Participate whenever and wherever on a platform that scales to meet the most demanding requirements.

Customized syllabus

Each organization has different needs, which can be addressed by preparing a syllabus matching those needs.

Branding

It's your range, make it look and feel like home.

Continuous assessment

Make real time adjustments to address skills gaps that are exposed through the readiness assessment.

Leaderboard

Maintain the challenge in real time, competing with peers and across disciplines.

Readiness

Tracking and trending of individual scoring by skills and topics, with an overall indicator of the cyber readiness of the organization.

Campaign Catalogue

We are committed to introducing fresh relevant campaigns to our catalogue for consumption by the VT Cyber community. Both Blue and Red campaigns are provided, giving Blue Teams the opportunity to think like Red Teams think – exercising the seldom used 'Red' muscles to better prepare Blue Teams for what they will meet in their day-to-day tasks.

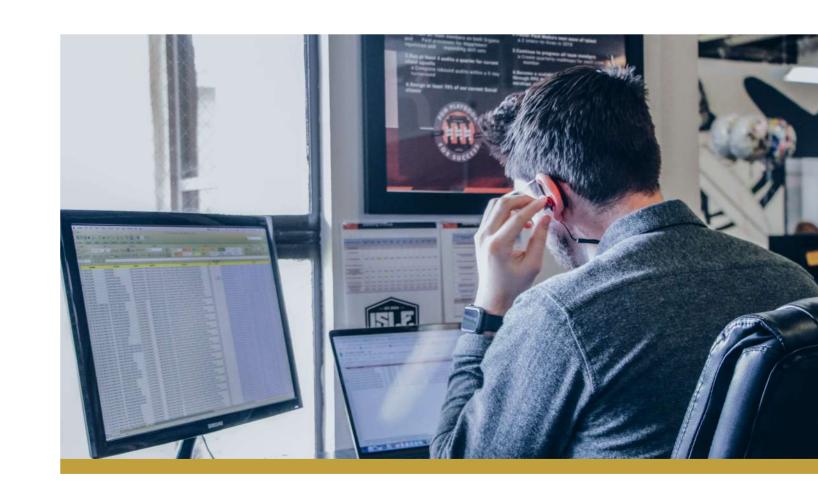
Campaign Studio

If you can imagine it, you can build it with the Campaign Studio. For those who want to be creative, the campaign studio provides a way to leverage the underlying infrastructure to produce compelling new content, tailored for both you and your customers' needs.

All exercises are hands on with **leading vendor products**, such as those from **IBM (QRadar)**, **Splunk and Check Point**, as well as the array of tools that are part of the regular toolbox – such as protocol analyzers, network traffic scanners and system health tools.

Readiness Dashboard

Allows decision makers to easily visualize the areas for improvement and to plan future campaign requirements accordingly.







Red/Blue Teams – from 1-3 participants

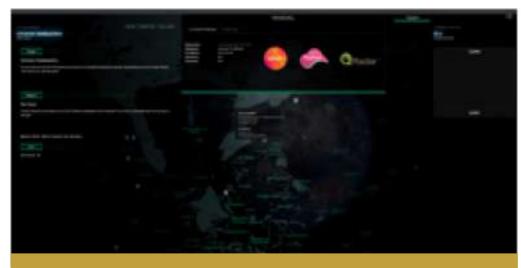
Choose from Red, Blue, Blue v Red. Blue campaigns include IBM QRadar, Check Point Cloudguard, Splunk and Check Point traditional products. Red campaigns are based on real life scenarios. There is an ever-growing content library, with hundreds of hours available by default.

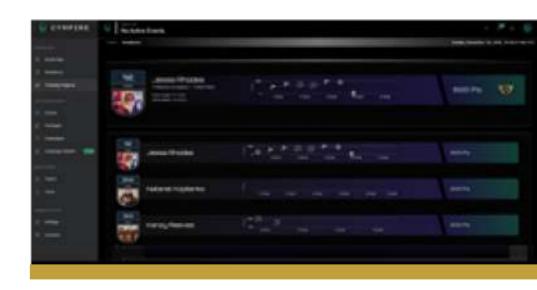
Participants can improve skills on many topics:

Reconnaissance, Phishing Attacks, Directory Enumeration, Directory Traversal, Brute Force / Dictionary Attacks, Pcap Analysis, SQL Injection, Remote File Inclusion, SSRF, Cross Site Scripting (XSS), Session Hijacking, Code Injection, Encoding/Decoding, Crypto Challenges, Data Analysis, Crawling, Network Scanning, Vulnerability Exploitation, Linux Internals, Local File Inclusion (LFI), Privilege Escalation, Lateral Movement, Steganography, Digital Signatures, Sniffing, Spoofing, Data Tampering, Ransomware, Bots and CnC, Bypass, Denial of Service (DoS) Attacks, Bots and CnC, Remote Access, Buffer Overflows, Fuzzing, Misconfiguration, Remote Access Tool, SIEM Alerts Analysis, Host Forensics, File Analysis, Reverse Engineering, Memory Forensics, Disk Forensics, Malware Analysis, Log Analysis, SIEM Logs Analysis, Mail Forensics, Containment.

- The Range Master has access to the leaderboard, and has support capabilities to chat with partici--pants and to remotely access the participants' environments for deeper assistance and instruction.
- Our Campaigns are highly customizable, e.g. duration, complexity, scores, and more can be changed.
- Our Campaigns scenarios are equipped with hints and answers to help guide participants through the missions and targets.
- Reporting through Readiness a record of the history of all participants is tracked, showing score and trends of each user overall and by category.
- Cyber Range is built on cloud technologies (e.g. AWS)
 providing massive scalability (thousands of
 simultaneous participants).
- Each participant will have a unique record enabling them to take their history and skills accreditations wherever they go.
- Every environment is completely separate.







Be prepared.
Secure your business.
Practice with VT Cyber!

