



MEET CYBER RANGE

Intelligence-grade cyber security training, deployed in minutes.

Staying ahead of constantly evolving cyber threats takes time and security expertise — and finding both is a challenge for any organization.

Today's teams must be ready for anything, but too many are forced to learn on-the-job as incidents happen.

It doesn't have to be like this.

Field Effect Cyber Range® gives you a powerful and flexible virtual training environment where you can simulate and run realistic cyber threat scenarios. This hands-on experience allows you to test, train, and evaluate your team in real-world conditions, ensuring you're always prepared for the unexpected.

Cyber Range is the one training platform you need to keep your team miles ahead of the bad guys.

In just a few clicks, create realistic training environments, easily design your curriculum, access easy-to-use training and assessment tools — and continually track, assess, and report on progress from one easy-to-use, cost-effective platform.

Train anyone. Anywhere, anytime

Use live virtual environments to provide hands-on training for your team or assess new candidates. Tackle authentic challenges in a secure space to improve readiness and fine-tune skills.

Simulate real-world conditions

Create, deploy, and run highly-detailed simulated environments for realistic training experiences. Design networks of any size or complexity to test designs, investigate malware behaviour, or assess cyber security procedures.

Deploy quickly and easily

Use your existing hardware to run training and simulations on-premise, or use cloud-hosted options for short or long-term needs. No matter your size or situation, we have a package to train your organization.



Real-world cyber security training and simulation – all from a single, easy-to-use platform.

Hands-on training for every need

Create courses as simple or as complex as needed. Traditional lab style courses with objectives and solutions or team-style games are all possible.

Ready-to-serve courses and scenarios

Access a library of courses and scenarios based on real-world incidents and forensics, from introductory-level essentials to complete capstone-style scenarios.

Custom course creation

Customize your courses or scenarios to better reflect your environment. Our content authors work with you to develop the courses you need.

Preconfigured virtual machines

Cut down on content deployment time with Cyber Range's preconfigured virtual machines, letting you quickly create complex environments with intuitive drag-and-drop functionality.

Sophisticated monitoring

Monitor events within network sandboxes with our Cyber Range Watches and respond using pre-packaged Actions or use our Cyber Range Action Software Development Kit (SDK) to author your own system-wide automated events.

Instructor direction

Incorporate instructor direction with the ability to view, monitor, and interact with classrooms, exercises, and training virtually.

Repeatable training environments

Stand up, tear down, and even rescale training environments on the fly in minutes with no need to reconfigure devices or clean up artifacts from previous trainings. Reuse environments quickly and efficiently.

Advanced evaluation metrics and reporting

Measure, track, and report on progress and results with user-friendly comprehensive metrics and measurement tools.

Ensure your team is combat-ready with Cyber Range.

Improve your team's security knowledge and incident response with Cyber Range, designed by some of the top cyber analysts on the planet. Use our platform to replicate realistic training environments in minutes, on your own hardware or in the cloud. With quick, flexible deployment and our analyst-built content library, your team can be ready to train or compete in under 15 minutes.

About Cyber Defenders

Cyber Defenders, LLC is a veteran, and minority-owned cybersecurity software development and consulting firm. We first take the time to analyze our client's current situation and then we provide actions, recommendations, or observations to resolve and enhance your attack surface. We accomplish this by utilizing our own solutions and we also offer award winning partner solutions from Field Effect, Redstor, and as an AWS Technical Partner.

Contact our team today.

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Elevate your cyber training with HALO. Add real users, actions, and network traffic for 'live' threat scenarios.

Take your training up a notch with HALO — Human-Like Actor Orchestration. HALO lets you integrate complex simulation capabilities into your scenarios and exercises to increase the realism of your training. Use HALO to simulate human activity at a computer, performing real-world actions or causing threats — even generate traffic and log activity to create the noise and challenges your team will face in the wild.

Designed for and packaged with the Cyber Range platform, HALO can also be run as a standalone process or coordinated from a central server that allows for a single point of coordination and updating.

HALO.

With HALO, you can:

- **Scale simulated users fast.** Use templated profiles to quickly create a large number of simulated users with behaviours that replicate office workers with similar job functions. Modify the template and re-sync with all HALO simulations to quickly update the characteristics for your traffic.
- **Develop challenging red team training.** Give red teams the entry points they need and create challenging training by using HALO's tools to stage actions that vulnerable real-world users would do. HALO can open emails, click links, open email attachments, or even run executables and remote scripts.
- **Tailor scenarios to your exact needs.** Use HALO's pre-built actions or extend HALO with a minimal amount of coding skills, allowing ultimate flexibility to create actions specific to your network or environment.

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