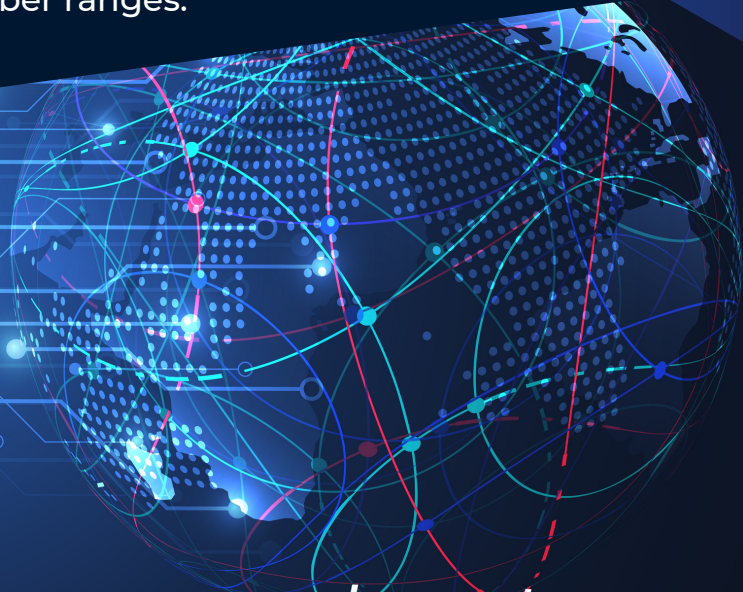




LEADING THE WAY IN CYBER RANGES & TRAINING

We offer a portfolio of products to include cyber aptitude and skill assessments, cyber training and exercise support, mission qualification and testing using customizable high-fidelity cyber ranges.



www.cybercents.com




ABOUT US

By Light Professional IT Services is a leader in IT and Cyberspace Operations. Since 2000, our CyberCENTS® division has led the way providing Government and Commercial high-fidelity cyber range products and solutions. Our engineers and developers are among the best and the brightest, to include pioneers of the first United States Department of Defense cyber range, known today as Cyberoperations Enhanced Network and Training Simulators (CENTS®).



BYLIGHT

WE SPECIALIZE IN...

-  Fully Customizable Cyber Range Solutions
-  Exercise Planning & Execution
-  Curriculum Development & Instruction

AND SO MUCH MORE!

Address: 1472 N. Green Mount Rd., O'Fallon, IL 62269
Email: cybercents.sales@bylight.com



1-618-624-7800

CENTS® CAPABILITIES

Advanced Attack Framework

Train against the latest cyber threats, automated and schedulable, bringing an additional level of realism and relevance to individual or team training.

Assessment Planner

Our cyber assessment planner meets the operational need for creating, editing and cloning assessment plans for individual and full cyber teams. We have aptitude and skill assessments, as well as detailed team assessment plans with tasks tied to threat actions.

CENTS Learning Management Systems (LMS)

Open Standards based LMS includes a catalog of customizable training courses with hands-on labs, quizzes, and instruction. The LMS is easily customizable, allowing the end user to modify existing content or add their own.

Advanced Internet

High-fidelity internet emulation supports world-wide routing, core services such as NTP and DNS, hundreds of web sites, social media, TOR (The Onion Router), and Geo IP addressing. Attacks and traffic can be routed across the internet, adding additional realism with the IP addressing and emulated latency of network traffic launched from around the world.

Range Management

User friendly interfaces manage and monitor the cyber range to meet end-user needs. This includes the ability to add new devices (virtual or physical), networks, and domains. Physical devices can be added anywhere in the range environment at layer 2, enabling users to utilize their own tools or the physical devices present in their network. Network map views of the active range make it easy to understand the topology and status of the environment.

Turnkey Range Solutions

Fully integrated hardware and software range solutions can be hosted in the customer's environment or the cloud. The solutions are designed and sized, including physical and virtual devices, based on customer requirements.



Immersive environments for cyber training, exercises, tactic development and experimentation

RANGE SOLUTIONS

- **CYNTRS®**

The units are customizable, vendor agnostic, large-scale network simulators for team and capstone training and exercises. Students and players interact in a single environment where actions of one affect operations of all. Highly scalable to meet client requirements.

Used for team (SOC) training and exercises and capstone events

- **HOTSIM®**

The units are a single network with open source components providing core infrastructure and the security boundary for individual cyber training.

Used for individual or small team (up to 3 people) cyber training

- **VCCE®**

The small footprint solution is just two rack units comprising interconnected HOTSIMs. VCCE is entirely virtualized, and the network infrastructure and appliances are open source tools.

Classroom, force-on-force, and capture-the-flag training (up to 28 students within a single environment)



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