



CYBER MISSION FORCES TRAINING

Cyberoperations Enhanced Network and Training Simulators (CENTS®)

The CENTS® platform solutions provide a relevant, integrated, Live-Virtual-Constructive (LVC) cyber range environment for demonstration, training, exercising, tool development, tactics evaluation, and testing full-spectrum cyberspace capabilities without risk to the operational network.

What makes the CENTS® portfolio different than any other solution available today – Metova's patented capabilities in our SLAM-R© appliance.

Sentinel-Legion-Autobuild-Myrmidon-Reconstitution (SLAM-R©)

SLAM-R is the engine that brings fidelity and realism to a cyber range/test environment. SLAM-R interfaces into the networked environment, both internally and externally, to complete the look and feel of the real-world network.



Through the ANG VITE Program, Metova's CENTS® Platforms and SLAM-R© Appliance have an Air Force Authority to Operate under the Risk Management Framework

VITE is a Certified Air Force Cyber Simulator

CENTS® is a line of four advanced, turn-key cyber range environment solutions: HOTSIM®, CYNTRS®, VCCE®, RGI®

Our range environments offer realistic training with threat updates, network replication and the ability to identify vulnerabilities all in a network-safe environment.

Cyber professionals will train on an environment that emulates their live networks.

FEATURES	RGI	CYNTRS	HOTSIM	VCCE
SLAM-R APPLIANCE INTEGRATION		●	●	●
EMULATED NETWORK TRAFFIC	●	●	●	●
CONFIGURABLE ATTACK FRAMEWORK	OPTIONAL	●	●	●
SINGLE DOMAIN		●	●	
MULTIPLE DOMAIN(S)	●			●
HARWARE IN-THE-LOOP	●	●	●	
VIRTUAL MACHINE CREATION	●	●	●	●
DOMAIN (SITE) CREATION	●			
VIRTUAL NETWORK CONTROL	●	●	●	●
10+ WORKSTATIONS		●		●
DEPLOYMENT	●	●	●	●
TRAFFIC VISUALIZATION	●	●	●	
INTERNET SERVICES (DNS, SMTP, STATIC SITES, NTP, ETC.)	●	●	●	●
SOCIAL MEDIA	●	●		
DYNAMIC WEB SITES	●			

RANGE GLOBAL INTERNET (RGI®)

- Global Internet simulator with virtualized routers, world-wide traffic, and active traffic routing
- Adds fidelity to global events, competitions, exercises, and target development
- 400+ web sites, social media, cyber cafés, threat generator

CYBERSECURITY NETWORK TRAINING SIMULATOR (CYNTRS®)

- Larger scale cyber range unit for team/capstone training
- Students/players interact in a single environment where actions of one affect operations of all
- 10+ student/participant seats

VIRTUALIZED CYBER CLASSROOM ENVIRONMENT (VCCE®)

- Cyber range environment designed for use in classes and competitions for up to 30 students
- Single server solution with open source tool set
- 10 virtualized independent LANs with 3 seats each

HANDS-ON TRAINING SIMULATOR (HOTSIM®)

- Network simulator designed for use by an individual or small team
- Appropriate for use in test setting and classroom training
- Max of 3 student seats