CYBEROPERATIONS ENHANCED NETWORK AND TRAINING SIMULATORS (CENTS®)

CENTS® Environments = Total Immersive Training

THE FIRST CYBER RANGE

REALISTIC TRAINING

CENTS® has the unique ability to train individual operators, or entire network teams, to identify if an attack has occurred, contain the attack, remediate and defend.

SAFE ENVIRONMENTS

CENTS® provides a network-safe environment for your cyber workforce to react to catastrophic attacks and outages, as well as safe LAN and WAN environments to hone cyber operator tactics, techniques, and procedures.

THREAT UPDATES

Metova continually scours the cyber landscape to uncover the latest attack vectors and vulnerabilities for inclusion in all CENTS® platforms.

NETWORK REPLICATION

Only CENTS® can replicate your network so you can test and validate changes to configurations before you implement them, potentially saving time and money.

IDENTIFYING VULNERABILITIES

CENTS® is a powerful, effective tool for performing critical network penetration testing against your replicated network to identify and mitigate vulnerabilities before exploitation.

SLAM-R®

METOVA CYBERCENTS®

Cyberoperations Enhanced Network and Training Simulators (CENTS®) are specifically designed to optimize the effectiveness of today's cyber operations and protection workforce to defend against malicious actors. Each cyber range environment is powered SLAM-R©.

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

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

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 effect operations of all
- 10+ student/participant seats

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

FEATURES	RGI	CYNTRS	HOTSIM	VCCE
SLAM-R Appliance Integration	●	●	●	●
Emulated Network Traffic	●	●	●	●
Configurable Attack Framework	OPTIONAL	●	●	●
Single Domain		●	●	
Multiple Domain(s)	●			●
Hardware in-the-loop		●	●	
Virtual Machine Creation	●	●	●	●
Domain (Site) Creation	●			
Virtual Network Control	●	●	●	●
10+ Workstations		●		●
Automated Virtual Machine Deployment	●	●	●	●
Traffic Visualization	●	●	●	
Internet Services (DNS, SMTP, Static Sites, NTP, etc)	●	●		●
Social Media Services	●	●		
Dynamic Web Sites	●			