

From risk to resilience: AI-driven cyber solutions for mission success



NETWORK MODELING & RISK ANALYSIS PLATFORM DEVELOPMENT

CNKE develops and maintains the Cyber Operations Lethality and Effectiveness platform, integrating network mapping, threat modeling, vulnerability reporting, and AI/ML-driven data processing for rapid analysis and training.



MODEL DEVELOPMENT

We deliver risk, effectiveness, and impact assessments that translate complex data into actionable insights for system owners. Our cyber effectiveness model is the DoD's only verified, validated, and accredited solution for calculating the probability of effect against a target.



NETWORK ANALYSIS & HARDENING SUPPORT

Our certified cyber specialists conduct in-depth vulnerability assessments across IT and OT environments, leveraging advanced methodologies to enhance mission resilience and support large-scale government exercises.



PENETRATION & VULNERABILITY TESTING

Our Certified Ethical Hackers leverage AI-driven and automated testing tools alongside platforms like Cobalt Strike, Metasploit, and DoD flyaway kits to simulate cyber attacks and deliver validated insights for mission-critical systems.



TRUSTED SOLUTIONS

CompTIA Security+ Certified

Cybersecurity Maturity Model Certification (CMMC) level 2 Certified

Capability Maturity Model Integration (CMMI) version 3.0 Appraised

2019 Best of National Information Exchange Model (NIEM) Award

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