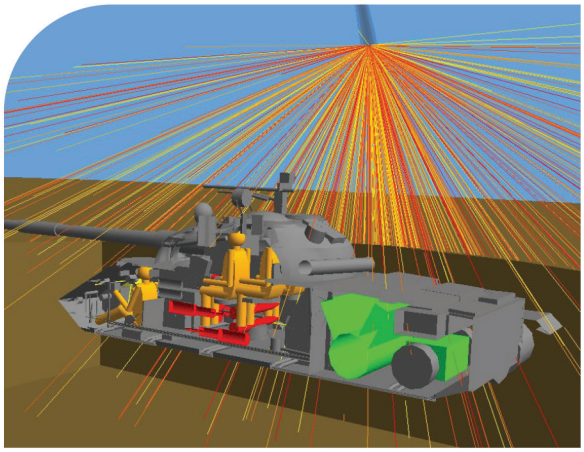
ENDGAME FRAMEWORK
WEAPON EFFECTIVENESS ANALYSIS

COMBINES M&S METHODOLOGIES TO BUILD APPLICATIONS FOR THREAT ANALYSIS AND EVALUATION



PROVEN
- Used extensively in weapon effectiveness analysis

STANDARD
- Provides a method for developing models and methodologies that guide developers to M&S best practices

ACCESSIBLE
- Saves time by reducing need to recreate fundamental architecture for any M&S application

APPLICATIONS PIPELINE
- Supports cross-domain functionality and transitions methodologies from R&D to Warfighter

ENDGAME FRAMEWORK - BASED APPLICATIONS

AFTES — AIR FORCE TARGETING EFFECTS SOFTWARE

MEA — MUNITIONS EFFECTS ASSESSMENT

JWS — JMEM WEAPONEERING SYSTEM

MLAT

STANDARD FEATURES FOR MOD SIM DEVELOPER
- Shared representation of elements in the targeting scene
- 3D geometry with built-in visualization
- Weapon & Target common standards
- Relationships between weapon/target elements
- Time-stamped event queue
- Libraries ensuring consistent weaponeering results
- Operational Users: JTCG/ME, CoCOMs, 3000+ current users

EF COMPATIBILITY
- EF was written in standard C++ and utilizes the open source, cross-platform Qt GUI library
- EF cleanly separates the GUI from the compute engine, making it extremely easy to develop custom GUIs

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CNKE CYBER SERVICES

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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