VIRTUAL HEROES
A DIVISION OF APPLIED RESEARCH ASSOCIATES, INC.

FEATURED PROJECTS
GALLERY

2004 - 2016
RUGUD creates correlated environments, pulling data from many sources and exporting to multiple formats.

Format: Windows or Linux
Target: SE Modeling and Correlation

Output: VBS2, Unreal, COLLADA, OneSAF, OpenFlight, NVIG, LTF, CTDB, and many more.

Clients: [Images of clients' logos]
RPEL leverages physics engine technology and DOD-validated models to simulate highly accurate weapons effects in real time.

**Format:** Windows, Linux, and Android

**Target:** Real-time Weapons Effects

**Clients:**
- ARL RDECOM STTC
- PEO STRI
The Layered Synthetic Environment Runtime (LaSER) and the Layered Terrain Format (LT) provide efficient representation and reasoning on synthetic environments.
U2MG provides versatile tools for modeling buildings (with interior layouts), tunnels, and other structures both above and below ground.

**Platform:** Windows  
**Target:** Structures Modeling

**Output:** VBS2, Unreal, OneSAF, OpenFlight

**Clients:**

---

Urban  
And  
Underground  
Model Generator
The Virtual Infrastructure Protection Editor (VIPER) enables federal law enforcement agencies to model the placement, cost, and effectiveness of building security tools.

Platform: Windows

Target: SE Modeling and CIKR Protection

Assets: Lighting, Barriers w/ K-ratings, Cameras w/ HUD, Blast Standoff, Fault Analysis, etc

Clients: A DIVISION OF APPLIED RESEARCH ASSOCIATES, INC.