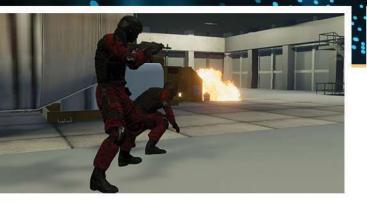# SCRIBE3D©
TECHNICAL FEATURES

Flexible Scenario Creation

- Create tabletop exercises for attack, theft, sabotage, or natural disasters
- Evaluate current security system effectiveness, then add, move, or replace components as needed
- Sharpen response force tactics and procedures
- Test emergency management procedures
- User-driven entity behavior enables dynamic scenarios with minimal complexity
- Easily add effects such as explosions, fires, and aerosol dispersion
- All events and actions are captured into an intuitive timeline for clear scenario development, time management, and playback

High-Fidelity Terrain and Environment Visualizations

- Develop terrains from different sources, including maps, images, and high-fidelity 3D models
- Built-in terrain generator using GIS data
- Render environmental effects including rain, snow, wind, fog, and time-of-day
- Apply multi-level facilities to remove floors and roofs when creating scenarios
- Use as a platform for viewing facilities or conducting a virtual walkthrough

Dynamic Animated Personnel and Vehicles

- Intuitive interface enables rapid creation of personnel and vehicles easily and quickly
- Group select capability enables rapid modification of personnel positions and properties
- Define individual or team position, role, equipment, weapons, skills, and rules of engagement
- Pilot unmanned aerial systems in first-person view

Decision-Making Tools

- Integrated P_H/P_K adjudication for individual and group engagements
- First-person perspectives and control for all personnel and vehicles
- Built-in dice rolling/random number generation
- Distance measurements
- Camera views and sensor envelopes
- Automatic speed and distance calculations

Additional Features

- Develop high-resolution operational staff training videos and distribute without using third-party software
- Create realistic scenarios using more than 100 additional props including office equipment, sensors, barriers, and natural elements, such as trees and rocks
- Generate dynamic cyber-physical visualizations showing connections and outages

Apply for free licensing, training, and online support at insetools.sandia.gov
Contact modsimteam@sandia.gov with questions