



LIVE SIMULATION

Applications

INOVEX's unique live simulation solutions cover all aspects of today's increasing demand for high quality, immersive "force-on-force" training for military or paramilitary organisations:

- SimTES (laser-based tactical engagement systems)
- SimCITY (high resolution urban environment applications)
- SimFIELD (large scale open terrain instrumentation)

SimTES

- World's most precise narrow and low-dispersion laser transmitter (Class 1) for infantry weapons representing the operational range and performance of the real weapon, thus allowing the realistic integration of both standard and specialist (e.g. sniper rifle) weapons including near miss indication. Adaptable to any weapon type
- Unique solution for heavy direct (e.g. anti-tank missiles), and indirect fire weapons such as mortars and artillery
- Fully integrated vehicle equipment for direct and indirect fire hit detection and indication
- Full-function handgrenade and mine simulators providing the individual player with additional combat support weapons, thus increasing exercise realism
- IED simulators for hyper-realistic situational awareness training
- Realistic hit/casualty assessment model including combat repair/medical treatment capabilities
- "all-in-one" light-weight, manworn player unit including GPS and data communication system, ready to operate within SimCITY and SimFIELD

SimCITY

- Scalable and unmatched high-fidelity building instrumentation for urban warfare applications including high-resolution, seamless indoor & outdoor tracking and audio/video supervision systems
- Full shoot through wall capability, representing individual weapon performance effects
- Wall, doors, windows, breach-point effects allowing realistic attacks on buildings with heavy weapons
- Special effects simulation (flash/bang/smoke) to represent blast in and around buildings
- Integrated data communication system to interlink with EXCON facilities

SimFIELD

- Stationary or highly mobile instrumentation to cover large area exercises (e.g. 60km x 60km).
- Seamless integration of SimCITY training facilities for open field and urban warfare combined exercises increases training realism
- Realistic area weapons effect simulation (blast and smoke) for artillery fire representation

Training Control & Management

- Highly sophisticated stationary or mobile EXCON/AAR facilities providing real-time situational awareness of the running exercise for both SimCITY and SimFIELD with easy to operate, multi-lingual control and evaluation stations