

CATS METRIX™



CATS Metrix 3D view with tactical graphics.

OVERVIEW

CATS Metrix™ is a software product used by operators and instructors to plan, conduct, control, monitor, record, debrief and evaluate live force-on-force training up to Brigade Level. CATS Metrix™ evaluates defined goals, doctrines and tactics during a live exercise.

CATS Metrix™ utilizes a variety of presentation methods that result in valuable feedback to the exercise unit, including highlighting areas of exceptional performance and identification of deficiencies to be corrected.

BENEFITS

After Action Review (AAR) to ensure that training objectives and performance standards are met.

Standardized and easy-to-use system minimizes training needs and efforts to operate systems.

Automatic support for preparing AAR material reduces need for exercise control personnel.

Expandable system that is easy to configure from single tablet to network of workstations.

Distributed and modular software architecture ensures a reliable and robust system.

Expands the use of automation when monitoring exercises and preparing AAR's.

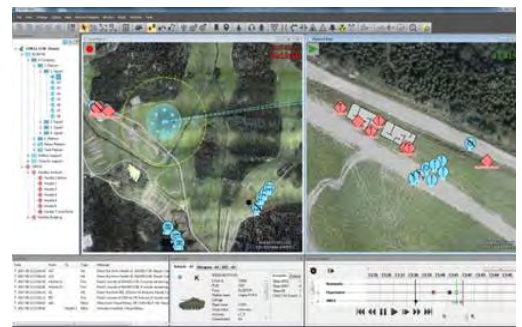
Maximizes the use of commercial off-the-shelf (COTS) hardware and software for cost effective operation and maintenance.

Supports exercises combined in open terrain and built-up areas.

Connects with external systems using standard interfaces.



CATS Player is used for Take Home Package playback.



CATS Metrix supports simultaneous real time and playback monitoring.

KEY FEATURES

Map presentation in selectable map and grid formats with a wide range of functions to navigate, zoom, overlay, filter and aggregate information.

3D presentation with high resolution terrains and models shows realistic movement and effects of battlefield action.

Synchronized playback of exercise data in map, reports, video and combat net radio in AAR of exercise.

Building layout presentation with monitoring and control of exercise, instrumentation and effects.

Monitor units, maneuvers and engagements in detail or aggregated mode synchronized in map presentation.

A virtual unmanned aerial vehicle (UAV) trainer to provide the commanders with a UAV view of the battlefield.

Air land interoperability allows maneuvers and engagements between air units jets to be monitored in real-time and recorded

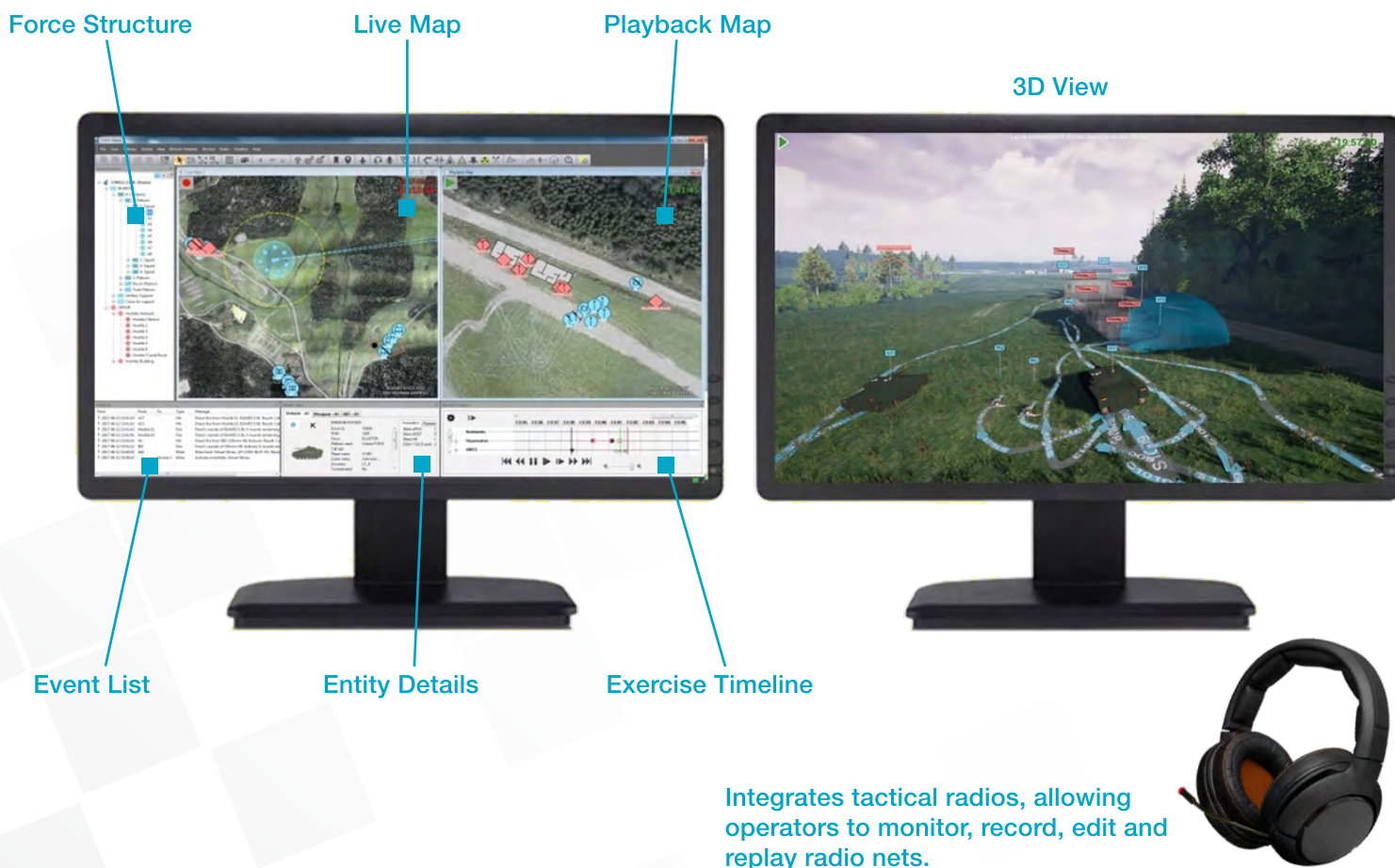
Simulated area weapon effects planning, control and execution of indirect fire, mines, close air support and contaminated areas.

Combat Net Radio integrates live radio and internal radio channels for monitoring and recording.

Dynamic reports that are easy to generate and filter both during and after exercise for follow up of objectives and performance requirements.

Hand held tablets allows for monitoring and control by observers and instructors during the exercise.

Take Home Package playback and presentation of map, video, audio and reports for further home-based analysis and review.



Integrates tactical radios, allowing operators to monitor, record, edit and replay radio nets.

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