

Scale: 1/4" = 1'-0"
Praxis Software, Inc.
Office Suite First Floor

Accurate, real-time position
information for real-world
decision making

The Ultimate Informant

When you need the most
accurate information
possible to locate
personnel and assets
depend on AssetActive™

Everyday ground and air forces, first responders and emergency personnel react to real-world events. Their locations and movement—whether indoors or out—play an important role in the overall success of the conflict, crisis or training exercise. On the battlefield, as in metropolitan and urban operations, commanders require accurate situational awareness to see a common operating picture. They need live tracks, equipment locations and personnel tracking. They need to know how events taking place in the area might affect them and their operations. They need to evaluate geographic features and infrastructure all with an eye for both the forest and the trees. Only one system can deliver all of this in an easy-to-use Windows-based application—AssetActive™.

Integrate all
the pieces to
provide a common
operating perspective

AssetActive is a system solution that integrates environmental, sensor and communications technologies to enable early warning and continual monitoring of assets, personnel and potential hazards including CBRNE (chemical, biological, radiological, nuclear, and explosives) presence, their concentrations and the variables, which affect their impact.

The core software component provides plug and play serial, network and digital/analog interfacing to standard GPS devices, environmental instruments, radio frequency identification or RFID tag data for personnel and asset monitoring and a myriad of sensors and detectors. Web-based interfaces designed for secure access enable information sharing and promote joint decision-making. Data is geo-referenced and can be plotted in real time in a Geographic Information System (GIS) presenting a clear and accurate operational picture for dynamic situation analysis. Personnel can be monitored as they move within the battlefield or urban area. Local and remote alarms are built in to provide alerts and the SiteWatch quality control program monitors sensor performance. Helping you to protect assets, locate personnel and secure property is the delivered power of this system.

AssetActive Capabilities

- Real-time weather, environmental, global positioning (GPS) and radio frequency identification (RFID) tag reporting
- Simultaneous multi-site/multi-sensor access
- GIS-enabled data output
- Scalable hardware and software architecture
- Local and remote alarm notification
- SiteWatch sensor monitoring



www.praxissoft.com

Constructive



Live

Live, Virtual, and Constructive (LVC) Simulation

AssetActive interfaces with simulation frameworks such as the AEGIS' BattleStorm® to provide a comprehensive LVC simulation training environment. Simulation frameworks receive RFID and GPS data from AssetActive and translate the position data into 3D visual models on a visual image generator.

The positional data is sent out to the constructive simulation Distributed Interactive Simulation (DIS) network. The DIS network entities are then displayed on the Battlestaff Sustainment Trainer (BST) suite providing a comprehensive battlefield assessment by displaying live, virtual and constructive REDFOR and BLUEFOR on the commander's C4I box.

In time, all the time

AssetActive employs technology that works around the clock—so you don't have to. The ability to access accurate location, environmental and visual information enhances the operational picture and enables effective decision-making in real-world events or exercises. With AssetActive you have an acute awareness of your environment and personnel at all times.

This information will serve to protect lives, improve tactical movement, streamline training and identify potential dangers. Today and everyday you need to find new ways to improve force protection and tactical management. AssetActive can help.



Simulation



For additional information please contact:

Rhonda Copley
President
PraxSoft, Inc.
7575 Kingspointe Parkway, Suite 9
Orlando, FL 32819
Phone: 407.903.9396
E-mail: rhonda@praxsoft.com
www.praxsoft.com

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www.praxsoft.com

PraxSoft, Inc.
7575 Kingspointe
Parkway, Suite 9
Orlando, FL 32819
407.903.9396