

# SOLDIEREYES

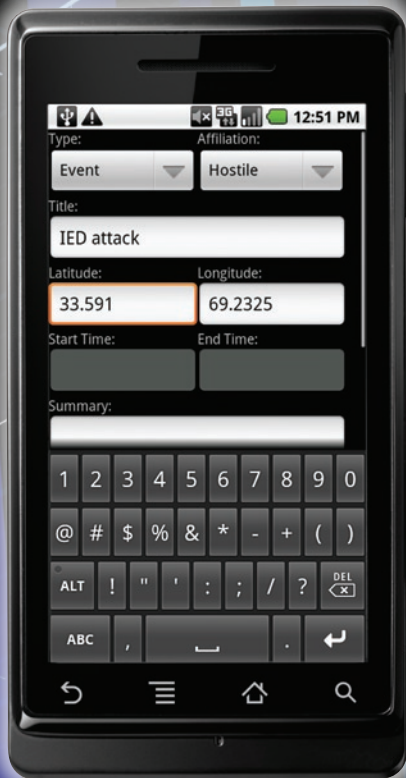
**NEXT GENERATION SOLUTION FOR SMARTPHONE  
ENABLED ANALYSIS AND INVESTIGATION**

TEXTRON Systems



# SOLDIEREYES

## OPTIMIZED FOR DEFENSE AND LAW ENFORCEMENT NEEDS



SoldierEyes™ is an enterprise solution which leverages mobile and SmartPhone technologies to enable military personnel and civil/federal first responders to more effectively react to and manage missions and tactical emergencies. SoldierEyes provides tactical responders access to advanced analytical, collaboration and investigative tools via their SmartPhone devices, greatly enhancing situational understanding, tactical engagement and the investigative process.

Using advanced mobile network technology and application enabled SmartPhone devices, SoldierEyes users can receive and gather information about a specific mission or emergency as it occurs in real time, respond to events with critical data provided to their mobile devices, and manage the investigative process with command and control centers and other investigative support groups. The net result is that SoldierEyes optimizes tactical mission and emergency management through SmartPhone-optimized tactical engagement, investigation, and real-time command & control communications.

The core of the system is powered by the SoldierEyes Application Cloud (SEAC), a personal mobile data network platform that drives all SoldierEyes enabled mobile devices and provides unlimited application creation and deployment. The SEAC provides the following capabilities:

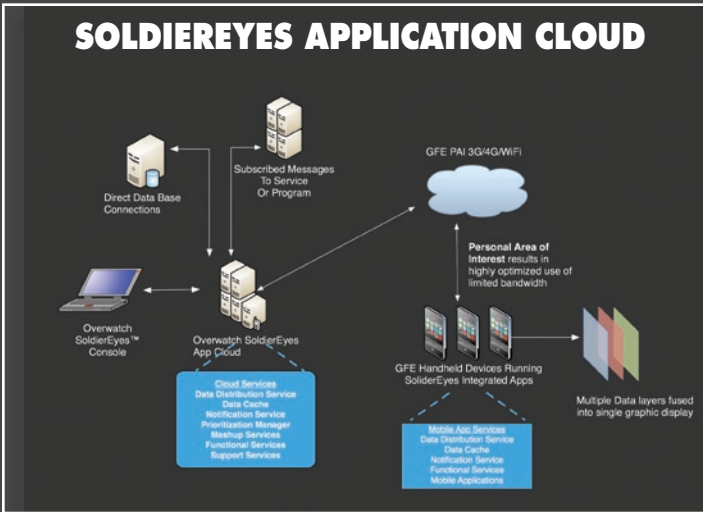
- Forward and reach-back tactical investigation capabilities.
- Backend processing, business logic, data fusion, correlation and management to support SoldierEyes client applications.
- Real-time upstream and downstream flows of both raw and processed data from internal systems to each SoldierEyes client.

### Connectivity Options

Connectivity options for mobile clients include GFE provided 3G/4G cellular and WiFi network connections. External systems ( e.g., DCGS-A, FBCB2, TIGR and MapHT) may also be connected via PASS/DDS or other network communications mechanisms providing additional external data which the SoldierEyes Application Cloud exchanges with mobile clients.



## SOLDIEREYES APPLICATION CLOUD



SoldierEyes delivers users localized information supporting the mission at hand, based on selectable area of interest controls, route planning, and other filtering tools on the mobile device. As applications are engaged with the SoldierEyes Application Cloud, the system develops an understanding of each user's critical information needs. SoldierEyes then prioritizes all information flows in order to optimize data acquisition for the highest productivity within full, null or limited bandwidth environments. Secure parsing and storage of data locally on SoldierEyes-enabled devices provides device-side applications with persistent operation at all times.

### Open Architecture

SoldierEyes uses an open-systems applications development approach which provides an open palette for future development, deployment and management of unlimited applications for use within the system. Additionally, SoldierEyes includes a releasable Applications Programming Interface which allows for 3rd party development of custom applications.

SoldierEyes empowers military personnel and civil/federal first responders with advanced remote analysis and investigation capabilities, including a SoldierEyes baseline application providing the following:

### Enhanced situational awareness for individuals at the tactical edge

- True 'on-the-scene' augmented reality viewing, mapping and compass capabilities for identification and tracking of individuals, locations and activities.
- Access to information and application features based on users' functional roles.
- Delivery of information specific to users' functional roles and definable Areas of Interest.

### Improved tactical response through real-time communications with command and control centers

- User-authenticated mobile communication and reporting.
- Ability to compose and share information in real-time.
- Advanced network management and smart client architecture for optimal throughput and operation, even in areas of degraded communications infrastructure.
- On-request connections and data flow from law enforcement or military information systems via 3G/4G, WiFi, DDA, JVMF, and other sources.

### Improved investigative capabilities

- Creation and transmission of spot reports back to the command and control center.
- Capture of 'on-the-scene' intelligence using imagery and data captured via the mobile device (e.g., geolocation, date, time, etc.).
- Transmission of intelligence data to SEAC-connected systems for advanced correlation and analysis.
- Interoperability with SmartPhone platforms including iPhone™, Android™, and Windows® Mobile.



Overwatch  
5301 Southwest Parkway  
Austin, TX 78735  
512-358-2600

SOLDIEREYES 4/2010

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