AIMES Mobile

REAL-TIME INTELLIGENCE FROM THE ANALYST TO FRONT-LINE DECISION-MAKERS

Current methods for providing full-motion video to front-line personnel involve streaming raw unevaluated data for situational awareness. This method puts the burden of interpretation on front-line personnel without the all-important background context. AIMES Mobile offers a different solution – let near real-time intelligence find front-line users and provide them with the insight and awareness of immediate mission threats to promote mission success.

AIMES Mobile, an add-on to the AIMES motion imagery exploitation suite, disseminates analyst-generated activity reports as alerts to the right person at the right time. The mobile user can then decide what video to watch and when to watch it. Simple to use, AIMES Mobile automatically sends intelligence updates from any motion imagery feeds that fall within the mobile user’s defined area of interest (AOI).

BENEFITS

› Provides near-real time intelligence to deployed individuals or teams
› Intelligence finds the end-user
› Improved situational awareness compared to comparable raw data solutions
› Increased communication between FMV analysts and

In a news-feed like panel overlay on the map image, AIMES Mobile displays analyst activities that occur within a user-specified radius surrounding the user’s current location or a distant AOI.

AIMES Mobile users can add their own comments to the video, sharing their understanding of the ground situation with a remote FMV analyst.

The AIMES Mobile application provides users with the ability to view live feeds associated to activity log entries within the specified radius.
TWO-WAY COLLABORATION
AIMES Mobile enables two-way communication between analysts and tactical personnel providing seamless communication with no requirement for frequency or callsign coordination. The AIMES Mobile user can ask questions or add comments regarding a particular event that are sent back to the motion imagery analyst.

MULTIPLE OPERATIONAL MODES
- Automatically disseminate intelligence in the form of alerts – time, location, analyst comments and a thumbnail image – that are displayed at the correct range and bearing from the AIMES Mobile user’s defined location. The AIMES Mobile user can then elect to play a short video segment associated with each alert.
- Display all active motion imagery feeds that fall within the AOI, enabling the user to select any live feed to stream to the mobile device.

KEY FEATURES
- View live video streams from UAVs
- Receive updates in real-time of activity log entries made by FMV analysts
- Stream video associated to analyst activity directly on the mobile device
- Analyst activity alerts based on AIMES Mobile user’s current location and time
- User can select which coordinate system is displayed on the device (MGRS, DMS, DD)
- Display map data
- Comments appended to the video from the AIMES Mobile devices are reconciled to AIMES Server as activity log entry
- View the location of the UAVs providing feeds and associated metadata
- View a list of the most recent analyst activity entries at the top of the device
- Works with mobile tablets operating the Android™ platform

Visit us online:
leidos.com/products/software/aimes or email: aimes-sales@leidos.com

11951 Freedom Drive | Reston, VA 20190 | 888.886.5909

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