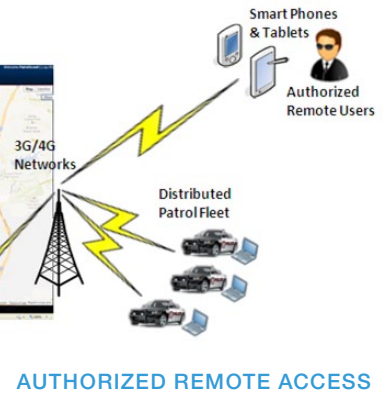


More Than Streaming... Complete Situational Awareness



Automated Vehicle Location and Video Streaming Solution

AUTHORIZED OFFICE ACCESS



PatrolScout™ is a consolidated Automated Vehicle Location (AVL) and video streaming solution for public safety agencies. It enhances situational awareness for distributed fleets through virtually any cellular connected device (from office PC to smartphone/Android phone).

The PatrolScout system consists of server and client software, providing tactical collaboration and support of streaming video from L3 Mobile-Vision's Flashback™ Digital Video Recorder (DVR). PatrolScout server software provides the management, administration and access control for the AVL and streaming. The client software, which runs on the in-car mobile data computer, streams the video and vehicle information to the PatrolScout server.

The law enforcement command staff is in constant need of strategic, tactical and operational information about their operating staff and fleet. PatrolScout, combined with the Flashback system, provides a single consolidated web-based situational awareness interface that displays critical information on a Google map interface.

KEY BENEFITS

- Enables command staff to view and interact with the environment remotely
- Enhances officer safety through improved situational awareness
- Maximizes the critical first-hour response
- Improves operational effectiveness through better information and situational context

CAPABILITIES

- Connect through any network-connected device from office PC/dispatch monitors to in-car mobile data computers (MDCs) and smartphones/Android devices
- Vehicle locations displayed using Google Maps™ for AVL
- Remote video monitoring of the patrol fleet through the 3G/4G cell network
- Instantly locate any vehicle with the click of a mouse and continuously auto-track a critical vehicle for easy monitoring
- Flag viewers to a situation with vehicle emergency *watch-me* alert
- Targeted informational display toggles between map-centric view and videocentric view
- Simple fleet organizational grouping
- Flexible and definable access privileges allow for controlled usage



Single, consolidated interface allowing AVL and the ability to stream video from the fleet's Flashback systems through a simple, map-centric web interface.

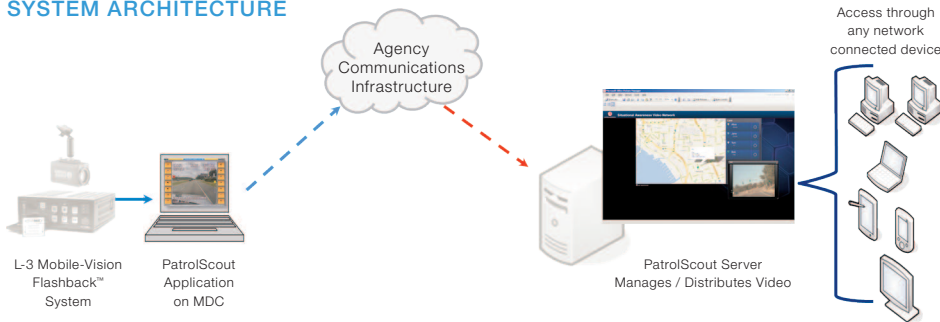
PatrolScout presents vehicle locations on a map interface. A simple click on the relevant vehicle prompts a video stream. There is a minimal data stream from the MDC to the agency's server to provide data communication and location data. The impact on cell bandwidth is minimal as streaming is only used upon demand.

The PatrolScout video server syncs with the installed L3 Mobile-Vision Flashback systems to authenticate and activate a live video data stream over the available 3G/4G cellular data uplink connections.

The servers restream the video to multiple authorized viewers without duplicitous burden, thus keeping the upload bandwidth from the vehicle constant as the number of viewers increase. Large numbers of users can view the video from a vehicle even with the limited communication bandwidth available to the vehicle. A secondary data channel is maintained allowing vehicle location and status to be made available to users on the map.



SYSTEM ARCHITECTURE



MOBILE APPLICATION:
The Flashback streams video from the DVR through the Vehicle Viewer in the MDC. PatrolScout converts the video into a controllable stream with associated GPS data.

COMMUNICATIONS:
The agency's existing communications network will be leveraged.

L-3 PATROLSOUT
The server provides the web Graphical User Interface (GUI) to the Vehicle Viewer live client, consolidates the information and then provides video stream management for the system. Also supported are Android phones (2.3+) and iPhones (iOS 4+).

MOBILE-VISION VIDEO CAPTURE AND MANAGEMENT SOLUTIONS



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