This newly redesigned fleet security management software features many advanced capabilities.

🔷 GIS-mapping for location and archived recordings is provided, so system users can monitor current bus location remotely or track location of incidents after they occur.

🔷 Multiple Megapixel cameras can be installed in crucial locations to see inside or outside of the vehicle. Higher resolution video is able to capture details missed previously. For example, a school bus can be equipped with a camera that captures license plate detail.

🔷 Integrated vehicle equipment metadata can be captured from brakes, bus stop arms, blinkers, speedometers, etc. The metadata displays in PVMS alongside live or recorded video. In our school bus example, we have information that tells us if the bus was stopped with the stop arm extended. If a vehicle pulls around a bus, police have enough information to build a case against the driver for disobeying traffic laws and endangering children.

🔷 Built-in cellular communication can provide access to system users to monitor location, bus actions, and live or recorded video before the bus returns to the depot.

🔷 Built-in Wi-Fi enables offload of video to the central system archives when the bus returns to the depot. The bus doesn't have to remain on for this feature to work. Remote users can turn the server on or off remotely. No personnel are required to go bus-to-bus to retrieve video from the server. The recommended equipment is low-power and able to operate for longer periods without draining the vehicle battery.

Fleet Security Management in LENSEC's Perspective VMS® contains four sections:

Vehicle Control Page: Controls the Network Video Recorder (NVR) unit physically installed on each vehicle.

Archive Browser/Viewer: Plays back archives and selects videos to import as Vehicle Incidents.

Vehicle Incident Panel: Provides review and investigation of imported videos, and saves Image Extractions.

Image Extractions Panel: Allows users to view and/or download videos, if permissions allow it.

The Map Viewer in Perspective VMS® has a live map interface. This presents information about which vehicle is being displayed and provides a timestamp for the location. This will provide the vehicle location in real-time and shows archived map location matching archived video being displayed. This is helpful for reviewing live location information and reviewing incidents for forensic analysis of archived information.

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FLEET SECURITY
MANAGEMENT

LENSEC | **P** Perspective **VMS®**

LENSEC Security Management is moving beyond fixed sites. Our team of physical security specialists face unique challenges for security on-the-go as well. We have security solutions for public transportation, school buses, trains, trucking fleets, airplanes, and even ships. Perspective VMS® is a surveillance management software designed for infrastructure security and now adapted for the transportation fleet.

BUS TRANSPORTATION

LENSEC has a long history providing fleet security video for school buses. Districts with 1,000 buses depend on the LENSEC team and Perspective VMS® to provide expertise in helping school districts manage transportation data and video recordings. Keeping students and staff safe and secure is our number one priority.

TRUCK TRANSPORTATION

LENSEC has evaluated hardware that is rugged and designed for the vibrations and harsh environment of freight trucking fleet. While our software is hardware-agnostic, our team of engineers recommend hardware that is durable enough for the toughest transportation security scenario.

Perspective VMS® is hardware-agnostic. That means, we can use any specified hardware to run our software on-board the fleet vehicle. The experts at LENSEC recommend ruggedized network video servers designed for heavy duty use. Each fleet vehicle will need an appliance on-board that will interface with IP Megapixel Cameras, vehicle equipment, and storage drives.

Proper equipment will also include the ability to communicate via an LTE cellular network and/or Wi-Fi network to transfer data and video to the central storage location.

Perspective VMS® is able to manage surveillance video and IP devices on the network for standard building and infrastructure security under the same instance software that is managing video and metadata from vehicles within the transportation fleet.

AIR TRANSPORTATION

Perspective VMS® Fleet Security Management monitors the air fleet on the move and at arrival/departure destinations. Securing and tracking the air fleet makes sense, recording locally on rugged servers, while providing live GIS-mapping and RFID tracking.

RAIL TRANSPORTATION

Trains move millions of commuters and packages across the country each day. Keeping eyes on light rail, heavy commuter trains, and freight rail transportation is essential for safety. LENSEC enterprise software, Perspective VMS®, is built with tools to manage rail fleet security with GIS-mapping.

- 🔷 IP-Based, Rugged Fleet Video Monitoring System
- 🔷 Supports Megapixel Cameras for High Resolution Video
- 🔷 Supports Remote Monitoring & Wi-Fi Retrieval of Archives
- 🔷 Integrates Vehicle Functions into System Metadata Capture
- 🔷 GIS Map Interface for Vehicle Location Bread Trails

- 📶 **Wi-Fi Enabled**
- **Cellular Enabled**
- **GIS-Mapping**
- **Vehicle Metadata**
- ⏻ **Remote Power**
- ∞ **Unified Security**
- **Ruggedized**