Comprehensive solutions for today’s mass transit applications

EXPERIENCED AND PROVEN TRACK RECORD

MobileView® has been developing innovative, industry leading solutions for mass transit applications since 1996. These video solutions have been deployed at over 150 transit agencies including 9 of the top 10 in the US*.

• Provides a safe and secure environment for driver and passengers
• Delivers valuable evidence to defend against fraudulent claims, support legitimate claims and pursue liability action when appropriate
• Discourages unwanted, antisocial and criminal behavior which helps improve passenger safety and overall experience while onboard public transportation
• Assists in providing asset protection and loss reduction due to vandalism, graffiti and other damage to transit and passenger property
• Recorded video can be used as an educational tool to help improve driver training and emergency response planning

YOUR TRUSTED SOLUTIONS PROVIDER

MobileView provides end-to-end turnkey solutions and services. The full-time, dedicated, transit professionals support every aspect of the mobile system.

• Networking experts ensure seamless integration with new or existing infrastructure across various platforms
• Complete installation services with on-site management to meet project schedules
• Wide range of service and support options
• On-site technical training from experts who have extensive installation, maintenance and operations experience

Improve driver and passenger safety
Maximize operational efficiency
Minimize fare evasions
Flexible mobile surveillance solutions
Reduce vandalism
Helps mitigate frivolous lawsuits

*METRO’s Top 100 Bus Fleets survey, 2015.
On-vehicle network solutions

1. **Recorder**
   16-channel network video recorder offers the latest technology for optimal performance.

2. **Cameras**
   High-resolution images for full vehicle coverage inside and out.

3. **Audio**
   Audio recording synchronized with video from each audio-capable IP camera.

4. **Status Tag Switch**
   Real-time system status and video incident tagging (marking) to create a valuable, operator-triggered video archive.

5. **GPS**
   Enables real-time vehicle location, speed, heading and time synchronization.

6. **Communication Devices**
   Wireless helps users implement a cost-effective network. Upgrades to more advanced technologies, such as Wi-Max, 3G or LTE, are available for enhanced connectivity.

7. **Software**
   Comprehensive management of video and data from vehicles makes critical information accessible in real-time or downloadable for later archiving.

8. **Services**
   MobileView offers a wide range of installation, maintenance, and extended warranty services to ensure optimal system performance and up-time.
Reliable recording to capture and store critical evidence

The MobileView 7000 Series Network Video Recorder (NVR) supports up to 16 IP-channels for full video and audio surveillance on transit and rail vehicles. Supporting individual configuration on each channel and video resolutions up to 4MP (camera dependent) at 30fps, the 7000 Series NVR allows tailored capture of the highest quality images without missing any important details.

This robust network video recorder also includes optional AC compliant wireless, 7-second power brownout protection and integrated GPS. Installation is simplified though a built-in Web server and a front-mounted plain text LCD keypad enables quick completion of system configuration.

All 7000 Series NVRs are compatible with MobileView Depot Manager which allows users to monitor fleet health status, receive automatic event notifications and download scheduling, camera checks and maintenance ticketing among others.

7000 NVR

- Up to 16 digital (IP) cameras at real-time frame rate and up to 4MP (camera dependent) resolution
- Flexible mass storage options (up to 4TB, Data Mirror option, SSD & HDD models)
- Recording quality configurable on alarm

7001H NVR

- Up to 16 analog or IP cameras at real-time frame rate and up to 4MP (camera dependent) resolution
- Flexible mass storage options (up to 4TB, Data Mirror option, SSD & HDD models)
- Recording quality configurable on alarm
Details matter. See the difference with MobileView IP Cameras

MobileView IP cameras provide high definition images, making it easier to identify people and objects of interest even in the most challenging public transportation environments. With true day/night capabilities, built-in microphones and flexible power options for simple installation, MobileView cameras deliver maximum image quality and surveillance coverage. When installed along with a MobileView compatible recorder, cameras are remotely configured, minimizing system installation time. With interior and exterior camera options MobileView has you covered.

**INTERNAL CAMERA**

9100 Series
- Up to 2.0 MP resolution
- Flexible power options to simply install with 12VDC or PoE
- H.264 compression technology w/tri-streaming capability
- Low-profile, rugged design
- Tilt/Pan/Rotate adjustment
- IP66 and IK07 rating

**EXTERNAL CAMERA**

9000 Series
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- IP68 and IK10 Rating

**MobileView IP versus Standard Analog Camera**

MobileView IP Cameras

Analog Cameras
Standard Resolution
Accessories

A variety of MobileView® accessories provide enhanced performance and security with advanced technology and integrated functions specifically designed for mobile applications.

Uninterruptible Power Supply (UPS)
- Provides power to the MobileView system in the event of an outage to help ensure uninterrupted operation
- Configurable alarm signal ensures critical video surveillance is retained
- Rugged construction can withstand operating temperatures from 0°C to 50°C
- Quick-connect battery terminals

Status Tag Switch
- Combines real-time recorder status indicator and Event Tag input in one device
- Tag alarm pushbutton switch
- Discrete and silent input for logging important events
- Fail-safe circuit monitoring in case of wire breaks

GPS Antenna
- GPS data integrates with MobileView software
- Mounts easily to roof
- High-performance GPS with 27 dB gain (active)
- Bottom exit coaxial cable with SMA connector
- Meets vehicle temperature and vibration standards

LCD Mobile Monitor
- Expanded field of view for enhanced safety while backing-up or maneuvering in challenging spaces
- Advanced display menu for easy use
- Signal trigger for side/rear view
- Auto day and night control
- Four video inputs

LCD Mobile Monitor

Designed for public transportation, a MobileView LCD Monitor can help increase driver awareness and improve passenger safety. The high-resolution monitors help operators see clear images from all designated camera inputs for optimum security and increased driver confidence.

Benefits
- Helps avoid rear-end collisions with passenger cars and other fleet vehicles
- Helps reduce accidents by making lane changes easier
- Assists with night time driving visibility
- Displays interior and exterior camera images on the monitor when fleet doors open
- Helps in mitigating frivolous lawsuits
- Increases operator situational awareness
MobileView Navigator
Evidence Review

MobileView Navigator delivers remote device management, evidence review with mapping, and account management.

- Intuitive, user-friendly interface to view, search and save important evidence
- Disk analysis timeline graphically shows alarm events
- Displays vehicle location on map synced with video playback
- Account management
- Built-in utility for evidence media creation
- Import/Export address book capabilities
- Built-in help files for easy instruction

Advanced Wireless Connectivity

A wireless network infrastructure adds advanced capabilities for the MobileView Navigator software. While the vehicle is connected to the network the following features are available directly within the software using the integrated wireless of the NVR.

- Health status and diagnostics
- Remote access for video review and configuration
- GPS mapping
- Schedule video download requests that start and resume when vehicle is in range
- Automatically download video of alarm events

MobileView Depot Manager Software

Take wireless connectivity a step further with Depot Manager. The software automates video evidence download and retrieval through the use of a wireless network infrastructure. Save manpower, maintain chain of custody and improve management of fleet operations by downloading specific events without manually removing hard drives.

- Real-time user dashboard airplays snapshot of key fleet performance indicators.
- Camera check feature automatically captures daily reference images ensuring proper on-board camera operation.
- Automatically retrieves driver duress and event-based video files with automatic email notifications.
- Evidence categories and vehicle groups allows users to sort and find information more quickly.
- Bulk configuration and system updates.
- Activity Directory integration available.
MobileView® represents some of the most advanced mobile surveillance options for today’s public transit systems. Beyond security products, MobileView also provides installation, maintenance and support services for all your transit needs.