ADSEC
Advanced Security Technologies

NAVTEC MVT-400
School Bus Monitoring System

Mobile Video Transmitter and Recorder for Buses

Video Surveillance Over Cellular , WIFI and Other Narrowband Networks

10 FPS - MPEG4 Video Under 96 KBPS

7 FPS - MPEG4 Video Under 48 KBPS

- 4 Video channels
- Video recording and playback
- Shock and vibration resistant
- 2 Channels of live or recorded audio
- Control-center management software
- Integrated GPS system
- GPS/E-map software to access live video and track vehicle
- Download recorded video automatically via WIFI
- Video reception over mobile phones/PDAs

*Featuring **NAVTEC** - **N**arrowband **A**dvanced **V**ideo **T**echnology*

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SYSTEM HIGHLIGHTS

- *Real-time video transmission*
- *Recording of video streams for later playback*
- *Real-time handling of events such as motion detection or sensor activation, including alarms, notifications, and automatic recording of video footage of the scene for as long as the event continues*
- *Support for wireless communication via the cellular network or WiFi*
- *Remote camera control*
- *Remote device activation*
- *Real-time video transmission via the cellular network*
- *Sending of alarms and automatic activation of video transmission when a vehicle is in danger*
- *GPS for tracking vehicle location*
- *Wireless downloading of video via WiFi*
- *SVBack for off-site data back-up*
- *SVProxy for managing data transmission between wireless NAVTEC servers and client devices that connect to them via the Internet*

SVMultiClient - Control Center Solution

The NAVTEC video surveillance solution displays the video and audio outputs on a PC using the advanced management application, SVMultiClient.

This user-friendly software provides customers with a powerful tool to monitor and control the pan/tilt/zoom features of each camera and to receive alerts from the NAVTEC video transmitters. The comprehensive system-management application can remotely configure and change recording and camera parameters.

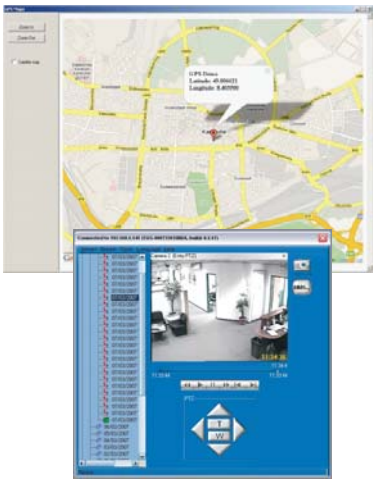
SVBackup

SVBackup is an automatic off-site backup storage system. It is a specially-configured computer that retrieves video from transmitters and stores it on its large-capacity local disks. SVBackup has advanced scheduling capabilities, and can automatically download video from a transmitter at fixed intervals or at specific times. During download process, it download and stores all the video that was recorded since the previous download.

SVBackup supports wireless networking. In mobile environments, this feature can be used to activate downloading of new video recording whenever a transmitter comes within range of the SVBackup unit. For example, if a fleet of buses is outfitted with NAVTEC MVT transmitters, and an SVBackup is set up in the bus yard, recorded video can automatically be downloaded from the buses whenever they enter the yard.

E-map / GPS / Alarming

Actively track vehicles on E-map. Click GPS location for access to live and recorded video of vehicles in range.



Alarm function can activate to E-map and highlight alarm location and identity of the vehicle.

Alarm video verifications make it easy to keep abreast of possible security breaches via e-mail. Whenever a security event is detected, the transmitter send an e-mail notification about the event to users. Recipients can easily access the complete video clip by clicking on the snapshot. The clip is then automatically downloaded from the AVV server to the recipint's PC or PDA for playback.

System Diagram