VEHICLE MANAGEMENT SYSTEM

‘With Driver Behavior Reporting’
VEHICLE & DRIVER MANAGEMENT SYSTEM

USE FOR ONE OR MULTIPLE APPLICATIONS

- Driver Management
- Video Enabled GPS
- Accident Identification
- Asset Tracking
- On-Board CCTV
- Motor & Tire Alerts
One Device Controls It All

- GPS
- WiFi
- MCU-5000 MOBILE CONTROL UNIT
- VERIZON WIRELESS M2M Modem
- OnBoard WiFi Internet Access
- 4G Tablet
- CAN-BUS Motor Monitoring
- Tire Pressure Monitoring
- On-Board CCTV Inside & Outside Cameras W/Audio
- Asset & Student Tracking RFID Reader

VMS5000 System Components

EyeTech Digital
Digital Security Technology
ON-BOARD CCTV RECORDING

With Remote Live View
& Automated Off-Load over WIFI or Cellular

- Cameras video & audio (optional) are recorded continuously and/or upon detection of alarming by programmed driver actions as long as vehicle motor is running.

- When erratic driving is detected by the system’s accelerometer recordings are bookmarked as alarm recordings for easy identification.

- Detected erratic alarm recordings can be actively notified over cellular networks or automatically offloaded over WIFI at vehicle depot.
DRIVER & FLEET MANAGEMENT

‘Maximize Driver Performance & Efficiency’

• RFID Logs  Specific Driver Onto Vehicle
• Automated Digital Driver Logs
• System Detects Erratic Driving such as:
  • Speeding
  • Rapid Turning
  • Quick Stopping
• Alarm if Driver Leaves Assigned Area
• Automated Custom Reports
MCU/MDVR has 8 sensor inputs & 4 serial inputs which can be customized

Detect when sensors are engaged or disengaged to multiple vehicle inputs

Information reports can be used to analyze efficiency for improving operation & cost saving

Alarms can be sent to PCs and Smart Phones for immediate notification based on sensor inputs, speed, location and other classifications.
VIDEO ENABLED GPS & Fleet Management System

Active Live Tracking & Passive Recorded With or Without Video

Live Tracking

GPS Tracking History w/Video

Live Remote View Video
AVOID PAYING FALSE ACCIDENT CLAIMS

- Provide ability for management and police to verify the activity and cause of accidents and other incidents.

- Liability Protection with Video Documentation in the case of an accident – proving that the driver is not at fault, which is normally the case.

- Provide Management video verification of what did or did not occur in and around buses. routes... *Matched With Video*

*Here is a link to an actual accident where video was used to prove the accident was not caused by the vehicle’s driver resulting in a savings to the bus company of over $50,000 insurance claim.*

http://www.youtube.com/watch?v=zzNepRnoER4&feature=channel
RFID ASSET MANAGEMENT SYSTEM
‘Track Assets On & Off Vehicles’

- Upload Shipping Manifest
- Assign Shipping Address
- Trace Assets Real-time
- Alarm if Asset Off-Loaded at Incorrect Address
- Detail Records of Shipping History
- Inexpensive Printed RFID Tagging
ENGINE & TIRE MONITORING*
Detect problems before costly repairs are needed

- Motor Functions & Tire Pressure are monitored continuously while in route
- Motor Error Codes are sent to bus maintenance personnel dynamically as they occur
- Information can be used to analyze efficiency for improving operation & cost saving
- CAN–BUS information is stored for analysis at a later time

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*Requires optional Interface cable/kit
MULTIPLE CAMERA CHOICES
Analog or High Definition IP

- **Inside Cameras**
  Cameras with or without audio

- **Outside Cameras**
  Front, Side & Back Views

- **PTZ Cameras**
  Controllable in vehicle or remotely with software
MOBILE WITNESS PLATFORM

Multiple Software Applications

- **Mobile Witness Manager**…Client Software for remote video/GPS live view, playback, system setup, video/GPS download and .AVI conversion

- **MobileLink Vehicle Management**…Fleet GPS tracking, GPS history, automated alert notifications asset tracking, management reports

- **MobileLink App**…Smart Phone access to live video and tracking, receive alert notifications of alarms and asset status.

- **Auto Download**…Multi-Vehicle automated wireless download of information including scheduled & alarm video, fleet status, system health monitoring. ADS Enterprise Manager for multiple ADS locations

- **Fleet Witness Health Monitoring**…Automated alerts of equipment operating status, fleet-wide firmware & settings upgrade, hardware maintenance log
PART OF UNIFIED PLATFORM

Same SMS Security Management Software Supports Multiple CCTV, RFID & GPS Sources

- Urban Witness Field Deployed CCTV System
- Portable Urban Witness System Telescopic Mast & Generator
- Body Worn CCTV
- Building CCTV System
- Cell Phone Transmits to CCTV System
- VMS5000 Vehicle Video Enabled GPS
- Asset Management Tracking

DVW Security Management Software
EyeTech Digital
Digital Security Technology

sales@eyetechdigital.com

EyeTech Digital
8491 Lemon Ave.
Alta Loma, CA. 91701
Phone: 909.989.1040
Fax: 909.941.3144