EyeTech Digital
Digital Security Technology

VMS5000
Vehicle Management System

VEHICLE MANAGEMENT SYSTEM
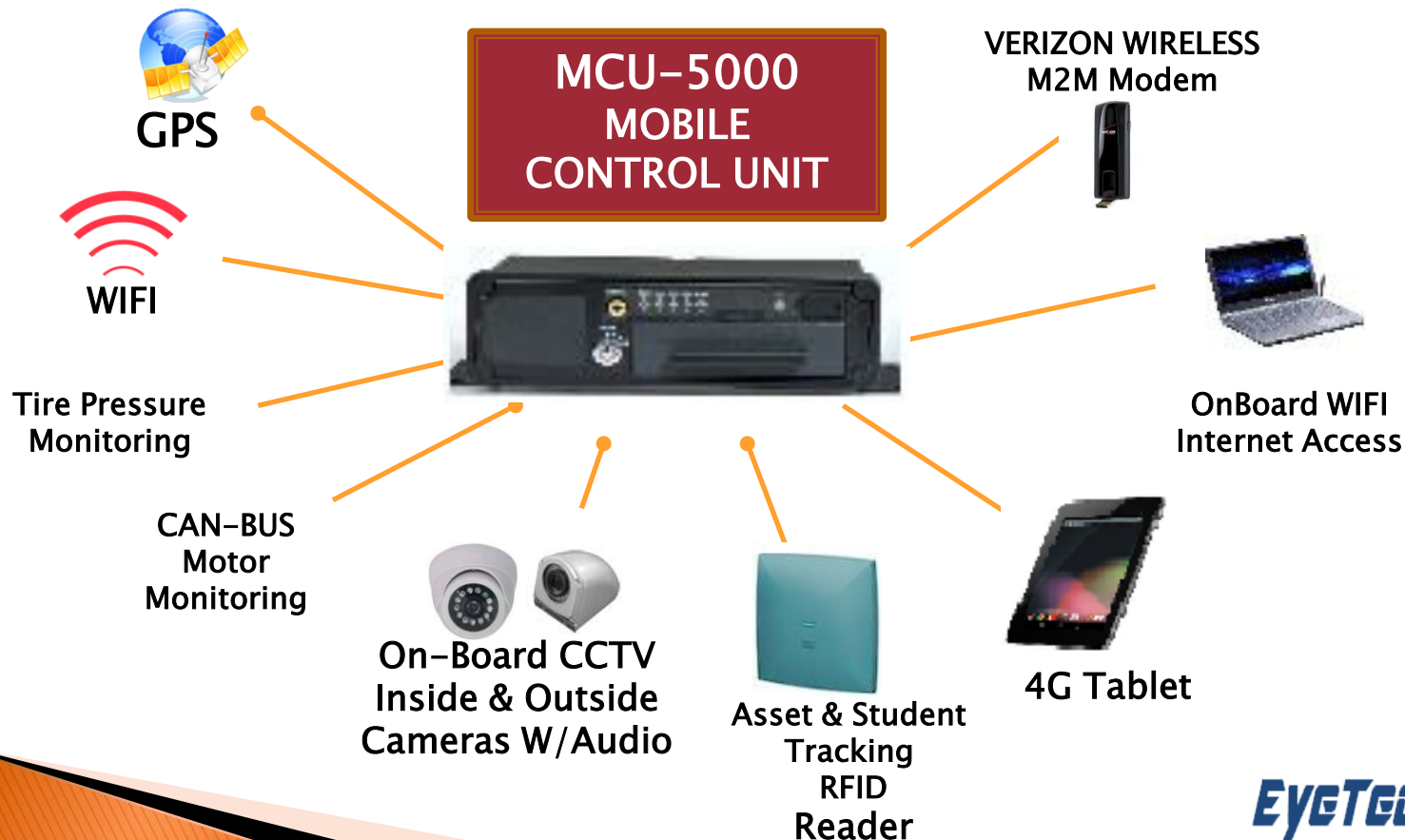## *'With Driver Behavior Reporting'*

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**

VMS5000 System Components
Vehicle Management System

One Device Controls It All

GPS

WIFI

Tire Pressure Monitoring

CAN–BUS Motor Monitoring

MCU–5000 MOBILE CONTROL UNIT

VERIZON WIRELESS M2M Modem

OnBoard WIFI Internet Access

On–Board CCTV Inside & Outside Cameras W/Audio

Asset & Student Tracking RFID Reader

4G Tablet

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ON–BOARD CCTV RECORDING
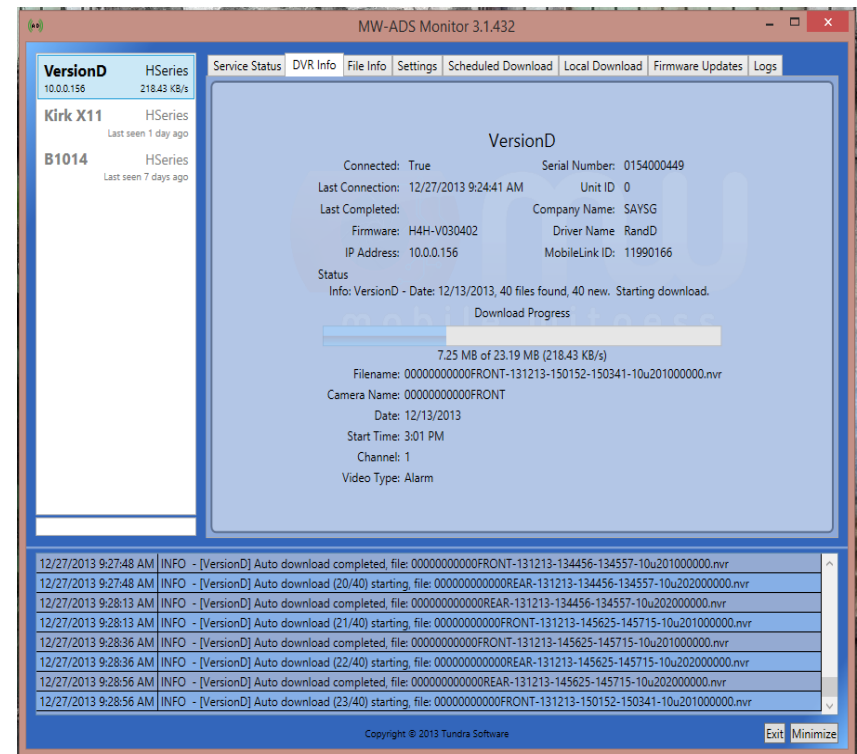## With Remote Live View
& Automated Off–Load over WIFI or Cellular

- Cameras video & audio (optional) are recorded continuously and/or upon detection of alarming by programed 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.
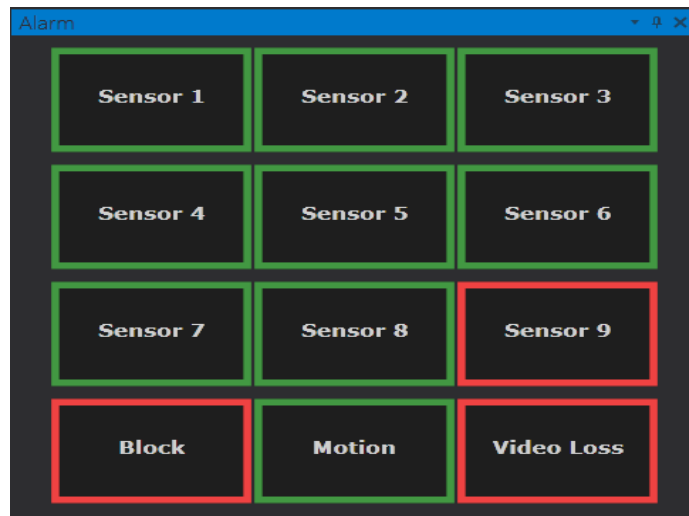
DRIVER & FLEET MANAGEMENT
'Maximize Driver Performance & Efficiency'

- 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

SENSORS & ALARMS
Detect Actions & Events

- 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

ACCIDENT MANAGEMENT SYSTEM

AVOID PAYING FALSE ACCIDENT CLAIMS

Actual documentation of accident where car tried to pass a bus on the right side. and was crushed.

▸ 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

VMS5000
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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

CAN View	CAN Transmit	CAN Setup
Type	Time	ID
11	2.5076	7E8
29	2.5083	18FEE800
29	2.5087	18FEFC00
11	2.5092	7E0
29	1.5094	18FEE500
29	1.9882	18FE0050
11	1.9882	4E7

*Requires optional
Interface cable/kit*

▸ 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

MULTIPLE CAMERA CHOICES
Analog or High Definition IP

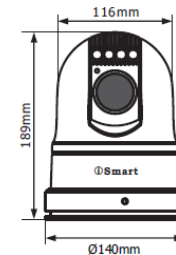➢ Inside Cameras
   Cameras with
   or without audio

➢ Outside Cameras
   Front, Side & Back Views

With Damper (Optional)
116mm
189mm
Ø140mm

➢ 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

VMS5000 Vehicle Video Enabled GPS

DVW Security Management Software

Portable Urban Witness System Telescopic Mast & Generator

Asset Management Tracking

Body Worn CCTV

Building CCTV System

Cell Phone Transmits to CCTV System

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