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MTM750 & VS800

Video Solution Package
MTM Fleet's Next Generation:
Fully Integrated Video Telematics Solution

OUR AGENDA

TELEMATICS IN 2022 – CHANGING CLIMATE

✓ Cellular Networks are changing

- Verizon's 3G/CDMA Network is being phased out by the end of 2022

- ATT & T-Mobile are also beginning to phase out their 3G towers by July 2022

- All Major carriers are swapping out the 3G towers to the 4G/5G technology

✓ Telematic Features are evolving

- New features with Blue Tooth, Wifi, Inputs (PTO) and Outputs

- Video via "Dash Camera's"

  - Some have just simple Video Events based on accelerometer triggered events

  - Latest Technology uses Artificial Intelligence to Analyze what the Camera sees

- All Major carriers are swapping out the 3G towers to the 4G/5G technology

- Report's are improving with more "scorecard based reporting"

- Phone Apps are improving

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MTM FLEET: NEXT GENERATION FEATURES

- ✓ MTM750 Telematics Unit + VS800 AI Video Camera
    - MTM 750 - built with robust internal components, future proofed!
    - 4G Global LTE modem
    - Has a built in WIFI hotpot – currently used for the VS800 AI Video Camera
    - Has Bluetooth, 3 Inputs and 2 outputs (Starter disable and door Unlock)
    - These are optional features that can be "wired in" or programmed to monitor things in the vehicle like a PTO (example: Handicap Chair/ramp)
    - Bluetooth features are yet to be developed, but items like Driver ID or Linking to other Bluetooth devices are now possible with the MTM700
- ✓ VS800: SKU includes a Road and Internal facing/Driver Camera
    - Uses AI (Artificial Intelligence) to analyze the road ahead and automatically sends the video clips into the servers of both the road facing and driver facing camera. (more details on slides 6 thru 10)

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VIDEO SOLUTIONS COMPONENTS

MTM750 Front and back views

Driver Facing

Road Facing AI Camera

MTM750 + VS800

The video system requires the MTM750 and the VS800.

Includes all cables for both installation options

OPTIONS

Hardwired

(3 wire-Power/Ground & Ignition)

Or

Plug & Play for OBDII vehicles

Optional: "Y" cable for Covet

Installation on OBDII

vehicles

HOW IT ALL WORKS

VS 800 – Uses Artificial Intelligence (AI) to capture data & uses WiFi to send Video Clips to the MTM750

MTM 750 - transmits these Video Clips & associated Tracking data to the "cloud" via a LTE Global based modem

AWS Cloud Based Servers received & store that data

MTM Fleet UI provides Video & Tracking data in a "user friendly" manageable format.

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INTEGRATED INTO MTM FLEET UI

Main Video

Collision Risk- Trip: 2 - Jan 29 11:17 am

✓ VS800 is watching for Vehicles, Street signs, printed road signs etc.

✓ Our AI is looking at "what it sees" and "what your vehicle is doing" and interprets that automatically

✓ Providing "Real Time" event capturing and processing

POWERFUL PROCESSING

- ✓ See exactly what occurred on the road, in the cab and know where it happened
- ✓ It analyzes all the vehicles activity including "signs and lights" within the cameras view
- ✓ AI processing identifies only those events that you are concerned about
- ✓ System will then proactively send you Video Alerts

VIDEO ALERTS AUTOMATICALLY CALCULATED

EVENTS
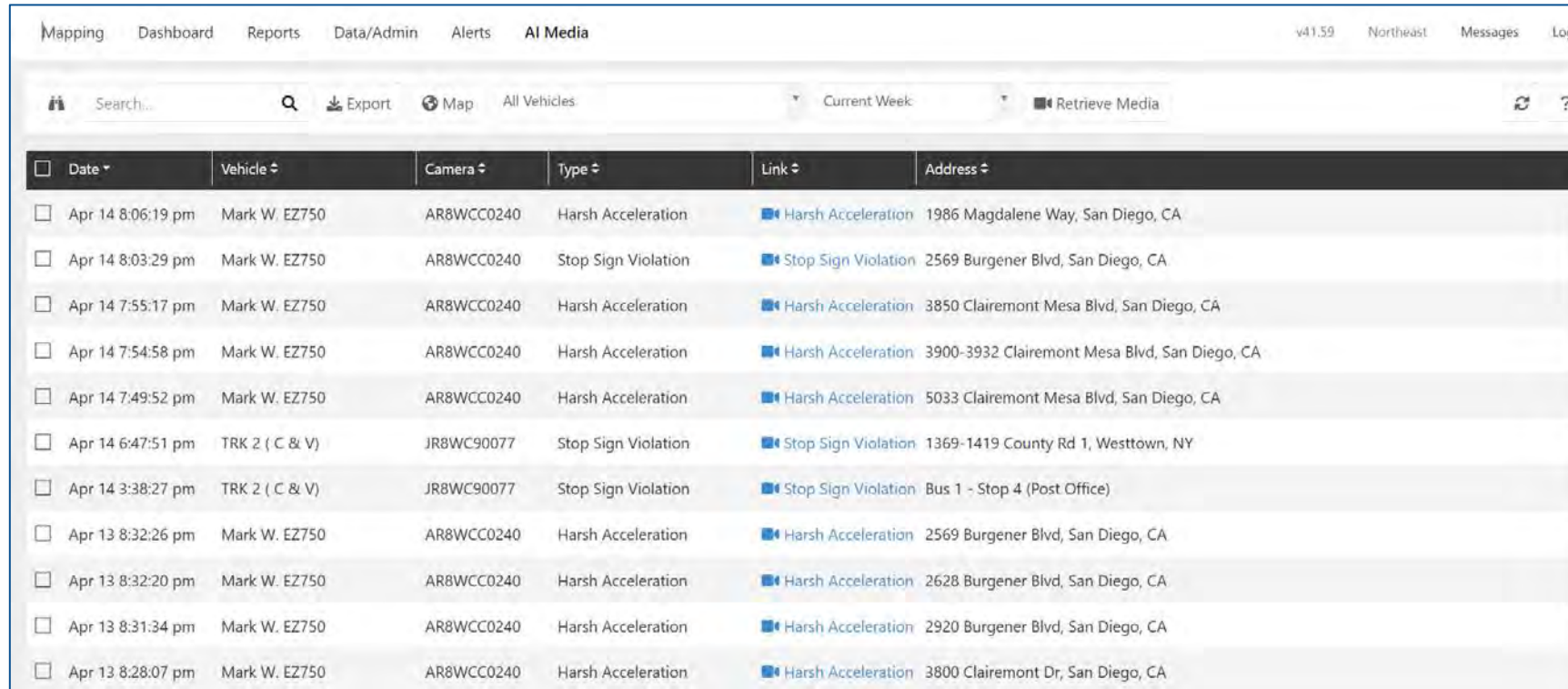
- **CRASH**
- **HARSH ACCELERATION**
- **HARSH BRAKING**
- **HARSH TURN**
- **ROLL OVER**
- **TAIL GATING**
- **COLLISION RISK**
- **RECKLESS DRIVING**
- **STOP SIGN VIOLATION**
- **RED LIGHT VIOLAION**

✓ We have a variety of Video Alerts that are based on a combination of driving behavior, speed and "road" situations

✓ The VS800 uses sophisticated calculations, such as; TTT (time to target), speed and relationship to surrounding vehicles to determine the severity of the alert and whether it warrants a "Video" event.

✓ All these calculations are part of our AI (artificial intelligence) logic

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INTEGRATED INTO MTM FLEET UI

AI MEDIA TAB

✓ Our AI Media tab makes it MTM to manage your Video Events

✓ Events stay on the system for 45 days. No need to delete or dismiss Video events

AI EVENT REPORTS

AI Video Events Report
Start: Fri Apr 1, 2022 12:00 AM
End: Thu Apr 14, 2022 11:59 PM
Created: Thu Apr 14, 2022 8:18 PM
Group By: Vehicles

Alethea B. (Serial: 867698041436802)

Date	Camera	Event Type	Link	Address
Apr 1, 2022 5:29 PM	JR8WC90052	Harsh Acceleration	Harsh Acceleration	2274 E Lincoln Ave, Escondido, CA
Apr 1, 2022 5:23 PM	JR8WC90052	Harsh Acceleration	Harsh Acceleration	1163 Centre City Parkway, Escondido, CA
Apr 1, 2022 5:13 PM	JR8WC90052	Harsh Acceleration	Harsh Acceleration	11555-11599 Rancho Bernardo Rd, San Diego, CA
Apr 1, 2022 4:16 PM	JR8WC90052	Harsh Acceleration	Harsh Acceleration	16999 W Bernardo Dr, San Diego, CA
Apr 1, 2022 4:05 PM	JR8WC90052	Harsh Turn	Harsh Turn	1301 Centre City Parkway, Escondido, CA
Apr 1, 2022 4:05 PM	JR8WC90052	Harsh Acceleration	Harsh Acceleration	1301 Centre City Parkway, Escondido, CA
Apr 2, 2022 8:27 PM	JR8WC90052	Harsh Turn	Harsh Turn	I-15, Escondido, CA
Apr 2, 2022 8:25 PM	JR8WC90052	Harsh Turn	Harsh Turn	245 W El Norte Pkwy, Escondido, CA
Apr 2, 2022 8:17 PM	JR8WC90052	Harsh Turn	Harsh Turn	2534 E El Norte Pkwy, Escondido, CA
Apr 5, 2022 7:15 PM	JR8WC90052	Stop Sign Violation	Stop Sign Violation	Bear Valley Pkwy, Escondido, CA 92025

✓ Simple report with MTM to use Video Links

✓ Security is built in – You need to have a UI User Login & Password to view the Video events
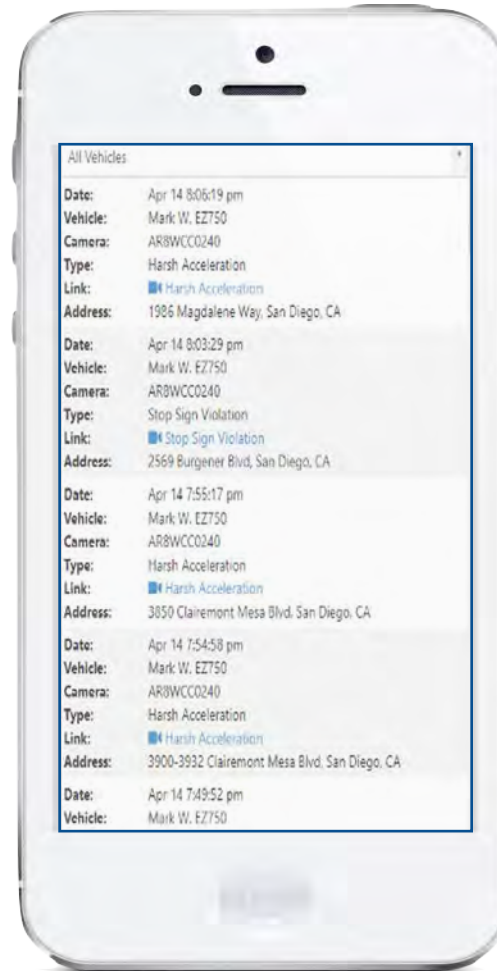
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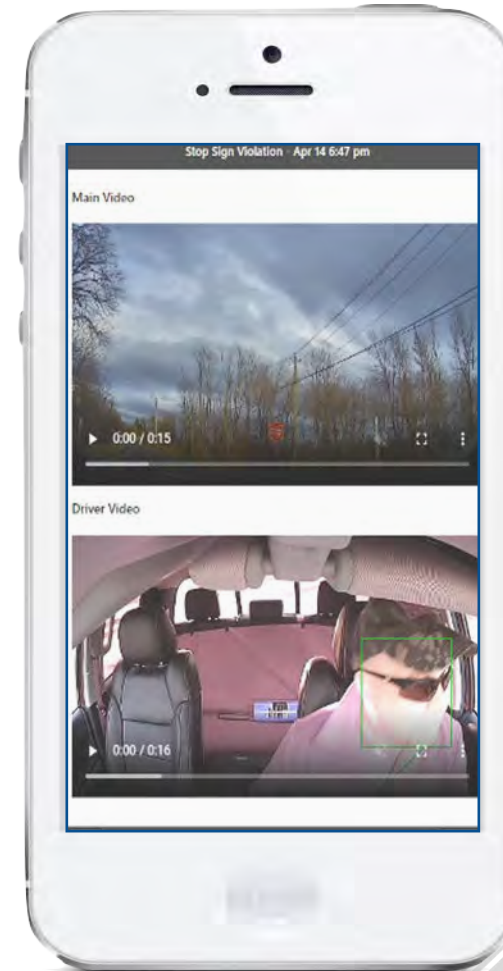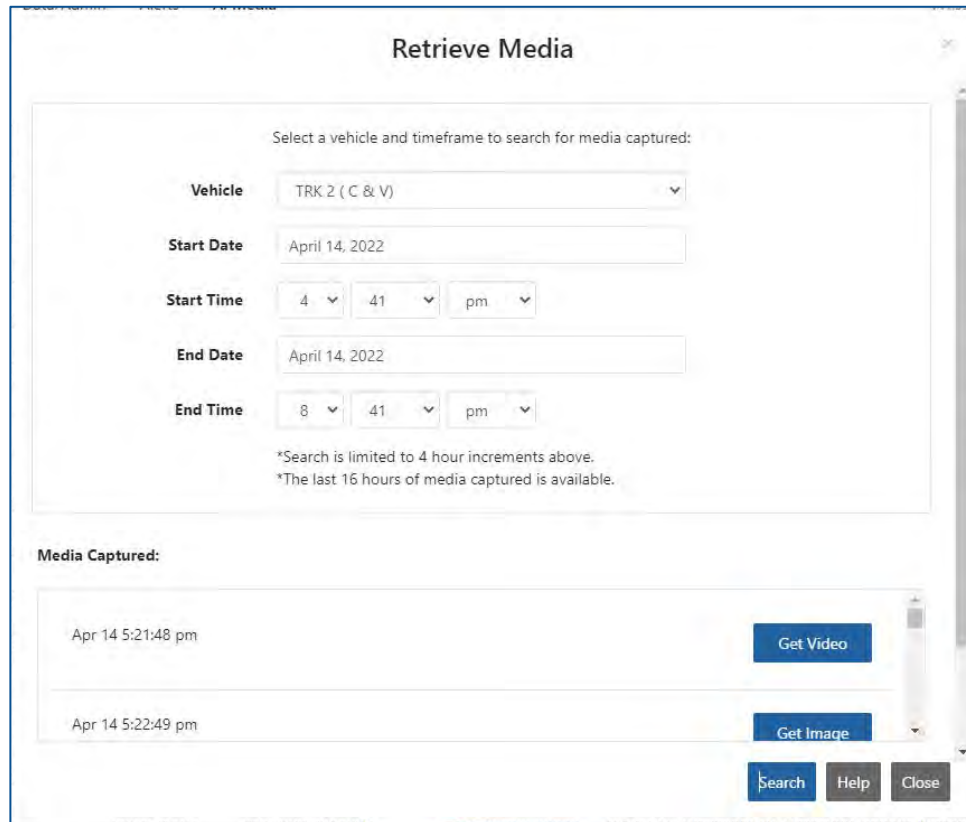# AI VIDEO EVENTS VIA MOBILE APP

01 Click Media Tab
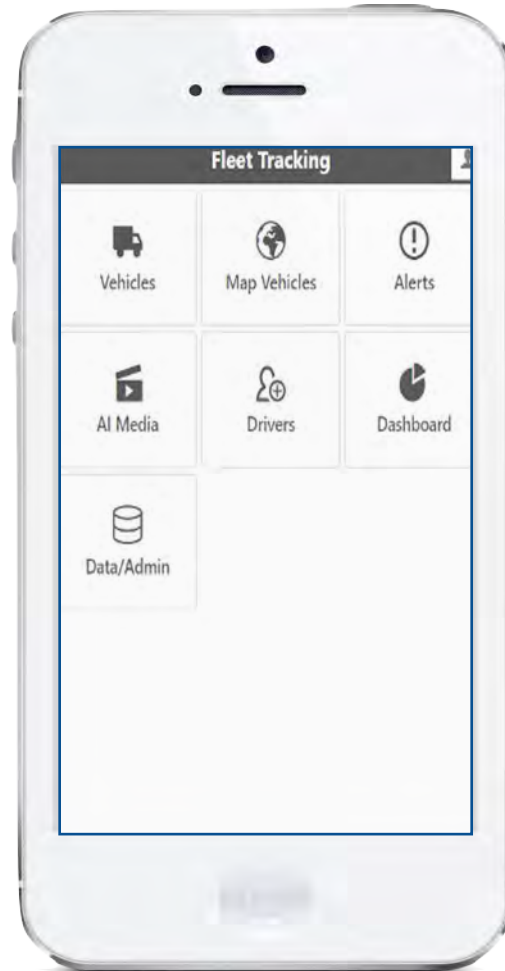
02 Click the link

03 Click the Play button either Road or Driver Camera

VIDEO & IMAGE RETRIEVAL MADE MTM

- ✓ Video & Image Retrieval - available in multiple areas of User Interface
- ✓ AI Media Tab, Trips View, Stops & Locations view makes it easy to retrieve the video at the time needed
- ✓ Simply Pick the:
  - Vehicle
  - Date
  - Time Range (up to 4 hr range)
  - Click on Search
  - Pick the Image or Video to retrieve.
  - Video will be uploaded the next time the vehicle is running.

INTEGRATION (cont.)

✓ MTM Access to the Video Clips

- Mapping Video Alerts in the Trip View

- MTM access to Retrieve Videos & Images

- In AI Media Tab, Stops & Locations view in the Mapping area as well as in the Trips view.

- Video Alerts will be shown in the Alert History

- Video Alert Report – with "links" to the videos

✓ Unique AI analyzation of

- See the Video of the MTM Fleet VS800 AI camera https://screencast-o-matic.com/watch/creXemVcOcg

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Questions?

Call Our Sales Team 702-825-4400