



**Request for Bids #TO-20-01**  
**Bus DVR Replacement**  
**Topeka Metropolitan Transit Authority**  
**Due Date: August 29, 2019 (1:00 p.m.)**



Prepared by:

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### **COVER LETTER**

**August 28, 2019**

**Topeka Metropolitan Transit Authority  
Attn: Richard Appelhanz  
201 North Kansas Avenue  
Topeka, KS 66603**

Re: RFB #TO-20-01 - Bus DVR Replacement

Dear Mr. Appelhanz:

On behalf of Safety Vision LLC, we appreciate your time and consideration, as we submit the attached response to Request for Bids #TO-20-01 for Bus DVR Replacement, and welcome the opportunity to serve the Topeka Metropolitan Transit Authority (Topeka Metro) through our exclusive plans and products. Upon being selected, Safety Vision agrees to abide by and be bound to the enclosed proposal without modification(s), unless further discussions take place between Topeka Metro and Safety Vision.

As one of the most preferred Mobile Video Solutions Providers in North America, Safety Vision has several unique incentives that will *maximize* and *accelerate* your level of service:

- **Customer Satisfaction & Product Reliability** – Safety Vision provides our customers with the most innovative and technologically advanced products in the industry.
- **Guaranteed OEM-Quality Installation** – Safety Vision employs factory-trained installers with global field experience.
- **Best Value Possible** – Safety Vision markets products at a low cost and provides systems designed to increase efficiency and improve your bottom line regarding: profitability, safety, and security.

Safety Vision has the right team in place to support *your* needs, while standing firm in our commitment of helping *you* to grow and remain secure. Our proven track record of supporting various clients over long periods of time solidifies our belief that we will be able to better serve you as the stand alone provider, delivering technology, convenience, and great value, while meeting Topeka Metro's needs.

On behalf of the entire Safety Vision team, thank you for your interest in Safety Vision, and for entrusting us to serve you. We remain confident that you will find us to be uniquely qualified in fulfilling your needs. Should you have any questions concerning this proposal or require any further assistance, please do not hesitate to contact me directly.

Sincerely,



Kirk Johnson  
Account Executive  
713-929-1059 (Direct)  
[kjohnson@safetyvision.com](mailto:kjohnson@safetyvision.com)

2) *Brief description of your understanding of and ability to fulfill the contract requirements*

**PROJECT UNDERSTANDING**

Topeka Metro has issued this RFB for BUS DVR Replacement, in order to identify the best supplier and system that will meet their needs, while securing a high quality solution from a qualified partner.

Topeka Metro is looking to add live viewing and historic video viewing automatically without having to physically remove hard drives from each DVR. This would be applied to all 26 of their fixed route buses.

With the understanding that Topeka Metro currently uses Cisco 1602E for wireless infrastructure, they will also have modems installed with a cellular data plan by the time the DVRs will be scheduled to be installed. Safety Vision is proposing a system that will integrate with the existing access points, vehicle modems, and cellular data plan to allow for secure wireless video downloads and live streaming utilizing Wi-Fi and cellular networks. The proposed system will be configured to connect to Topeka Metro's virtual server environment for storing video downloads.

To keep bid pricing as competitive as possible while meeting the requirements of the RFP, Safety Vision has included optional pricing for an on-premise video storage server, and optional live-view hosting service through Safety Vision, for Topeka Metro to choose from if desired.

It is also our understanding that the proposed DVR must be compatible with current Metro cameras. Safety Vision will use adaptor cables for utilizing existing cameras, and will be replacing 2 of the existing cameras for audio in the following locations:

- Replacing camera closest to forward mic, located above driver to capture audio
- Replacing camera closest to the rear mic, located near the rear exit door to capture audio

To fulfill these requirements, Safety Vision is proposing the following:

- *The Observer 4112 Hybrid Video Recorder (HVR) – 12 channel recorder*
- *2 TB hard disk drive (HDD)*
- *AHD-2.8MIR-WT (Interior HD cameras to capture audio)*
- *Adaptor cables to utilize existing cameras*
- *Panic button*
- *GPS antenna*
- *All wiring and hardware needed to complete a professional installation*
- *Foresight PRO viewing software*
- *5-Year Warranty*

For this project, Safety Vision will provide Topeka Metro with removal of existing systems, installation and project management of installation, integration, testing, documentation & manuals, warranty services, as well as support.

In addition to the products/services provided above, Safety Vision will hold training courses for interested personnel, covering all aspects of the system's operation and functions. Our technical staff is readily available to address any questions or concerns relating to the system.



**Help does not end there** – Our biggest strength (and most important part of any project) is what happens after implementation and training occurs. Throughout the length of the warranty (5-Years), we will provide the following to ensure the system is functioning correctly:

- *Technical Service*
- *Troubleshooting Help*
- *Exchanging of Components (when necessary)*
- *Lifetime software updates and maintenance*

Selecting a vendor with proven experience is crucial to operational success. With over **25** years of industry experience, Safety Vision has thousands of systems in operation throughout the world. We have the experience needed, with hundreds of properties thriving because of the advantages provided by our system.

***As technology advances, so do we*** – Safety Vision has the desire and capability to stay ahead of the technological curve. Whether its integration with a variety of equipment, upgrading hard drives, providing wireless capabilities, or even upgrading recorders – *we are determined to meet your needs!*

We pledge our support to you as we remain committed to providing our customers with leading-edge mobile recording systems. Our proven track record of providing exceptional support to mass transit clients across the globe furthers our belief that we will be able to properly serve you. After our due diligence is complete and we fully understand your needs, we at Safety Vision feel fully confident as Topeka Metro's sole provider of choice. *We are here to serve you!*

In order to provide Topeka Metro with a further evaluation of the quality of product being proposed, please review the attached descriptive literature and product specification sheets.

**ATTACHMENTS:**

**DESCRIPTIVE LITERATURE FOR PROPOSED TECHNICAL SOLUTION**

**Recorder**

The recorder being proposed is Safety Vision's Observer 4112 Hybrid Video Recorder (HVR).



The Observer 4112 HVR supports up to 12 channels of video synchronized with audio, simultaneously as follows:

- Up to 8 channels of analog and/or HD connected via 4-pin DIN cables with threaded collar connectors.
- Up to 4 IP channels connected via external PoE switch and Ethernet cable.

The 8 HD channels are capable of 1080p at 15fps, and 720p at 30 fps. The 4 IP channels are capable of 1080p at 30fps.

Resolution, frame rate and quality settings are configurable for each channel. Each channel can be configured independently, and the same configuration for one channel can be copied and applied to other channels.

The Observer 4112 HVR can be configured per channel to record video in the following user-selectable resolutions: 1080p, 720p, WD1 (928×480), WHD1 (928×240), WCIF (464×240), D1 (704×480), HD1 (704×240), or CIF (352×240). Frame Rate can be configured 1-30 frames per second, per channel, user-selectable in one (1) frame increments. The HVR utilizes H.264 video compression, and supports both NTSC and PAL video types.

Quality (bit rate) settings can be configured per channel, and is user-selectable between 1-8, where "1" is the highest bit rate and "8" is the lowest bit rate. The HVR also provides configurable Alarm Quality settings, for increased quality (bit rate) when an alarm/event occurs.

The Observer 4112 HVR provides various alarm/event triggers based on speed, panic button, sensor inputs, low storage space, video loss, motion detection, cover/camera obstruction, accelerometer, geo-fence, temperature, etc. Parameters specific to each alarm/event and their triggers can be configured individually per signal as to the operation of the recorder when the alarm/event occurs. The HVR provides alarm/event video protected from overwrite, user-selectable between 1-31 days.

The Observer 4112 HVR offers up to 8 sensor inputs for recording vehicle metadata synchronized and marked in video (turn signals, brakes, hazard lights, door, wheelchair lift, stop-arm, etc.). Each of the 8

sensor inputs can be customized and configured independently. Each sensor can be configured as marked events or protected alarms.

The HVR features a built-in GPS receiver module for recording and displaying date/time, vehicle position, direction and speed, synchronized with video. The HVR contains an integrated 3Axis accelerometer, capable of being configured to automatically trigger an alarm/event when the vehicle exceeds a pre-determined G-force setting.

All vehicle metadata is synchronized with video. The HVR allows the following selectable metadata to appear as on-screen display (OSD) on recorded video: Date/Time, Speed, Vehicle Number, GPS coordinates, Channel Name, and Device ID. The position of the metadata is adjustable to satisfy user preference.

The Observer 4112 HVR operates on 8-36 volt DC power and includes a protective filtering device to protect from voltage spikes, power surges, and reverse polarity. The system does not interfere electrically with the operation of the vehicle or with its onboard electronic equipment. The HVR does not require vehicle operator interface to prepare the system for operation, initiate shutdown, or maintain the system.

Startup and shutdown is powered by the vehicle's ignition. Different parameters for system startup and shutdown can be configured. Users can select to power the HVR on and off with the ignition only, setup timer settings to power the HVR on and off at set specific times, or power the HVR on during both conditions.

Users may enter a Shutdown Delay time up to 24 hours, where the HVR will wait to shut down after the vehicle's ignition has been turned off. Users may also enter a Shutdown Record time up to 24 hours, where the HVR will continue to record after the vehicle's ignition has been turned off.

Built-in software performs full and continuous system diagnostics and reports failures to the sub-system component level. Located on the front panel of the HVR are Status LEDs, which illuminate to display the current health status of the HVR. The panic button, which allows the vehicle operator to create an alarm/event, also contains the Status LEDs:



The HVR features a built-in clock calendar. The HVR clock operates independently of the main power supply and contains a minimum five (5) year operational lifetime before battery change is required. Clock drift is less than five (5) minutes per six (6) months. Dates are programmed to the year 2030 and takes into account all leap years and daylight savings time changes automatically without external intervention.

The HVR can be configured to record in the following modes: Power Up (continuous recording begins when HVR is powered on); Timer (HVR records during a configured time schedule); or Alarm (records only when an alarm/event is triggered). Pre-event recording times can be configured up to 60 minutes and post-event recording times can be configured up to 30 minutes.

Video, audio and vehicle data is fully synchronized, compressed, encrypted and stored in a secure, proprietary file format to detect and prevent attempted alteration or tampering, and restrict access. Compressed encrypted data is stored to the removable hard drive and requires proprietary software for viewing. Recorded video can be transferred to a PC via the removable hard drive, USB flash drive, laptop connected to the HVR via LAN port, or over wireless and/or cellular networks.

The Observer 4112 HVR has no active controls on the front panel to be tampered with or damaged. Located on the front panel of the HVR is a USB port which supports quick video retrieval of alarm/event video, allows authorized users to export recorded video to a USB flash drive, update firmware, and export/import configuration files. The USB port can also be used as a mouse port for operation and setup of the HVR.

The Observer 4112 HVR contains dimensions of 9.02" x 4.34" x 11.81" (WxHxD), and includes an operating temperature ranging from -40° F to approximately 158° F. The HVR utilizes an all metal chassis construction and has a fanless design to prevent dust and dirt intrusion. The HVR is housed in a rugged and durable enclosure specifically designed with robust antivibration technology to withstand the demanding shocks and vibrations of on-board vehicle recording. The HVR is MIL-STD-810 rated and certified for vibration and shock. The HVR housing contains built-in mounting brackets for easy installation in a variety of orientations.

The Observer 4112 HVR includes an embedded WiFi module capable of providing a wireless connection. Located on the rear panel of the HVR is a LAN (RJ45) port to connect to optional external WiFi/cellular devices for 802.11a/b/g/n/ac (2.4/5GHz) and 4G LTE connectivity. WiFi and cellular networking allows for wireless downloading, live video streaming, live tracking, health and status email reporting, and remote configuration.

The configuration of the HVR can be accessed in the following methods:

- Connecting a Windows PC to the LAN (RJ45) port located on the rear panel of the recorder via Ethernet cable for web-based configuration.
- Wirelessly via the Foresight PRO VMS (The HVR must be connected to an external cell modem or to a local WiFi network to support remote configuration).
- Safety Vision's CP4 Touch Screen Monitor for Observer series recorders.
- External monitor used in conjunction with HVR's remote control or with a USB mouse attached to the front USB port to navigate menus on the external monitor.

Configurations settings can only be accessed with an Admin username and password. Configuration files can be saved and easily copied to multiple vehicles. The HVR's system menus include a Playback tab which allows authorized users to search for and playback recorded video, as well as export recorded video onto a USB flash drive. The HVR's system menus also include a Live View tab which displays the current camera's view.

### ***Storage***

The primary on-board storage device is a removable and replaceable 2TB hard disk drive (HDD) in the Observer 4112 HVR. All Safety Vision hard drives are pre-formatted for quick and easy installation, and are swappable between vehicles. Located on the front panel of the HVR is an SD card port, where an optional SD card can be utilized for mirror/alarm recording, to back-up captured video from the primary storage device. The storage devices are secured inside the HVR by means of a secure tumbler-keyed physical lock, preventing unauthorized removal of the data storage. The HVR is able to identify locked/unlocked status of the physical lock for power on/power off status.

The hard drive can be connected directly to a PC using the included hard drive USB cable for data review. When the primary storage device reaches capacity, recording continues overwriting the oldest data. The HVR provides alarm video protected from overwrite selectable between 1-31 days.

### ***41AHD Series – Interior HD Camera***



**Interior Version  
(with IRs)**

- The camera replacing 2 of the existing cameras in order to capture audio, is Safety Vision's 41AHD series camera
- The interior version with IRs is part # AHD-2.8MIR-WT
- The 41AHD camera connects to the HVR via a 4-pin DIN cable with threaded collar connectors that screw-lock to form a solid, water-resistant connection
- The 41AHD delivers clear images at 720p HD resolution
- The camera has a 2.8mm lens, and uses a 1/3" CMOS image sensor
- The interior version contains 6 IRs for low light operation, with an IR distance up to 5 meters, and has a 0 Lux rating
- The 41AHD offers a 95° horizontal field of view, and a 50° vertical field of view
- The camera is housed in a mini-dome housing that is tamper-proof and vandal-resistant
- The mini-dome housing is mobile rated with an anti-vibration design
- The camera contains dimensions of 2.72" x 2.19" (W x H)
- The 41AHD can operate in temperatures from -4°F to 122°F
- The 41AHD includes a built-in microphone for clear audio recording which can be disabled or enabled



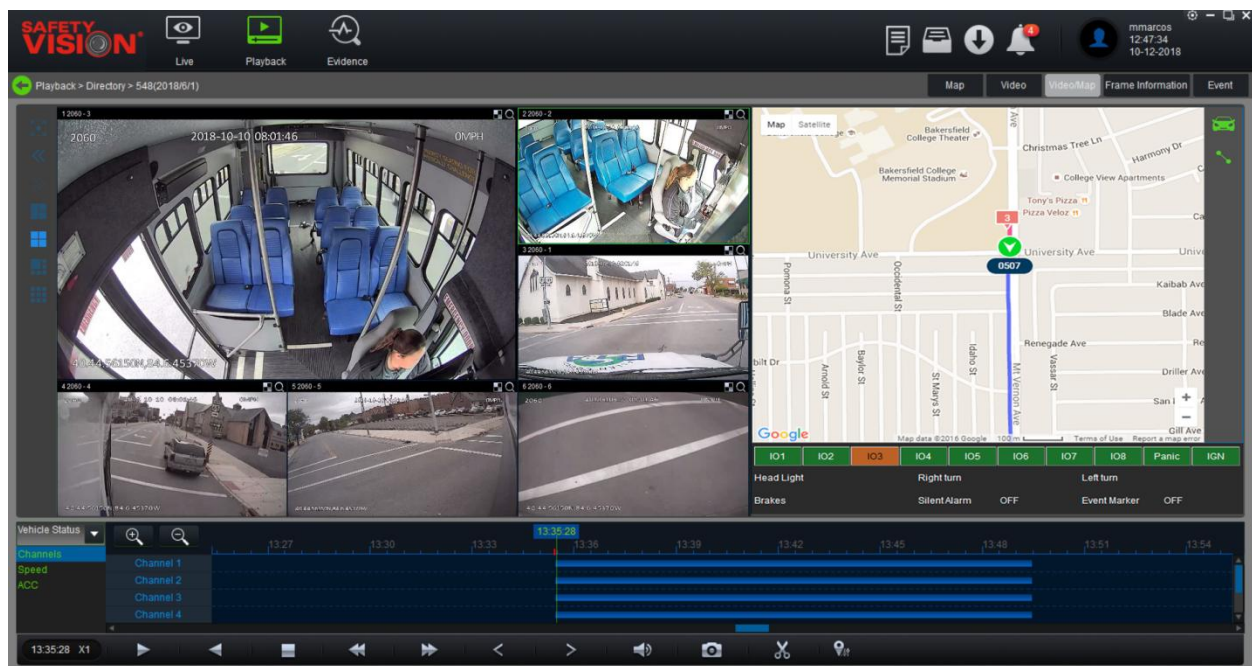
### **Video Management Software**

Foresight PRO is the video viewing software. Foresight PRO is license-free software and is included free of charge. All future software updates are also included free of charge. The software must operate on PC platform.

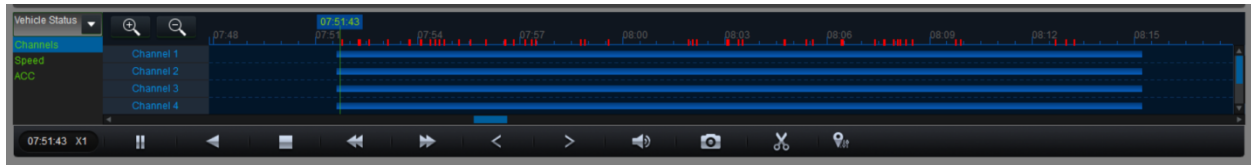
Foresight PRO can instantly playback available video from a variety of sources: Archived video on server's database; any HDD or SD card connected to the PC; USB flash drive; Video on vehicles currently active and connected to the network; Video saved locally on the PC.

Foresight PRO provides a calendar display for each month and adjacent months that video was searched in with available video highlighted by video type (normal or alarm). Users can select date, time range, and condition of the video when searching for available video. Additionally, users can search for video with specific vehicle speed, geo-fence excursions, or specific event types and sensor triggers.

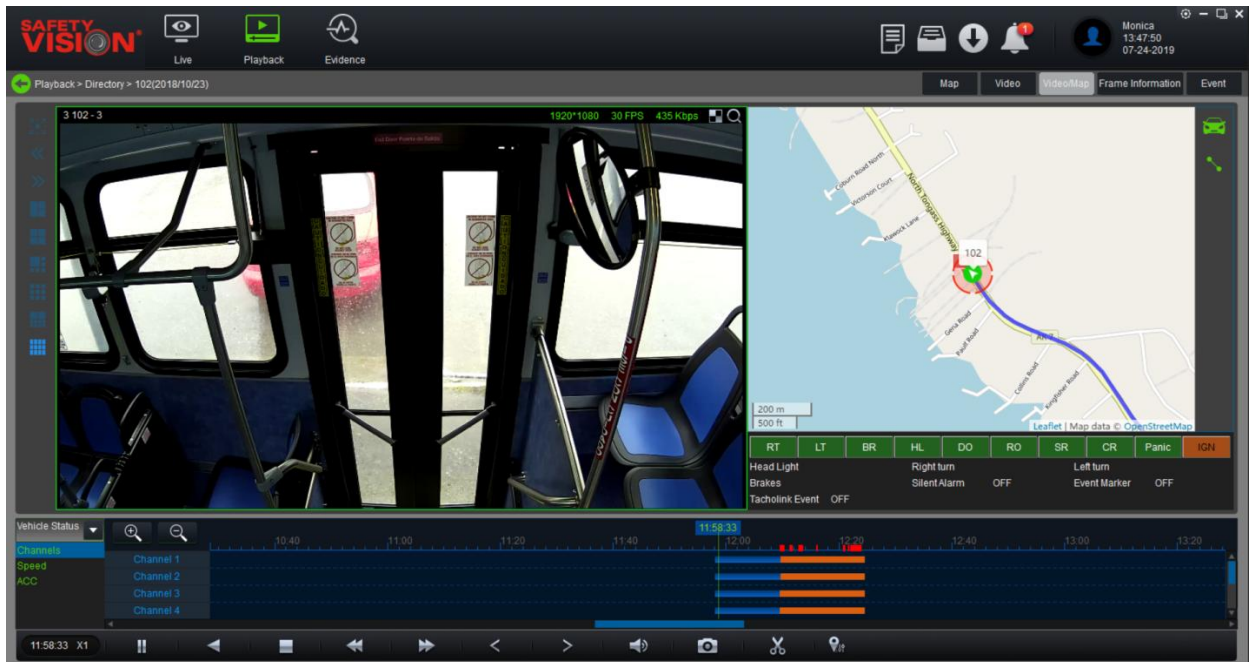
Foresight PRO provides simultaneous playback of all camera channels with a highly customizable display area. Users are allowed to select specific cameras to be displayed during playback. Camera channels are capable of being rearranged within the playback screen. Foresight PRO provides multiple layout options and window configurations of camera channels.



Foresight PRO includes advanced playback controls as well as multiple metadata graphs in the bottom portion of the screen. Playback controls include: Pause/Play; Stop; Rewind and Fast forward up to x32 speed; Slow motion playback; Frame-by-frame playback; Audio Volume; Snapshot; Video Export. Additionally, the slider bar can be dragged directly to a particular point of the video. The timeframe represented by the slider bar can be increased or decreased using the magnifying lens icons at the top of the slider bar.

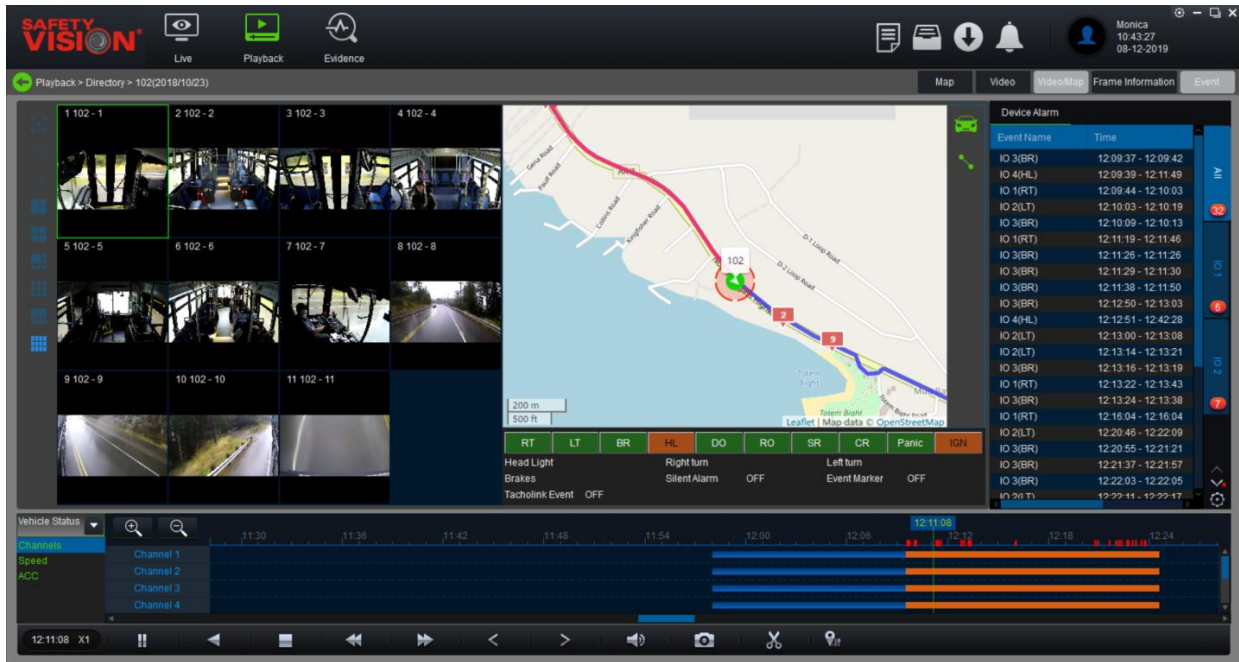


Users can double-click a camera channel to maximize its display in the playback screen for single viewing. While in single-view screen mode, users are able to cycle through all camera channels. Camera channels can also be displayed in full-screen mode. While in full-screen mode, users can also cycle through all camera channels.



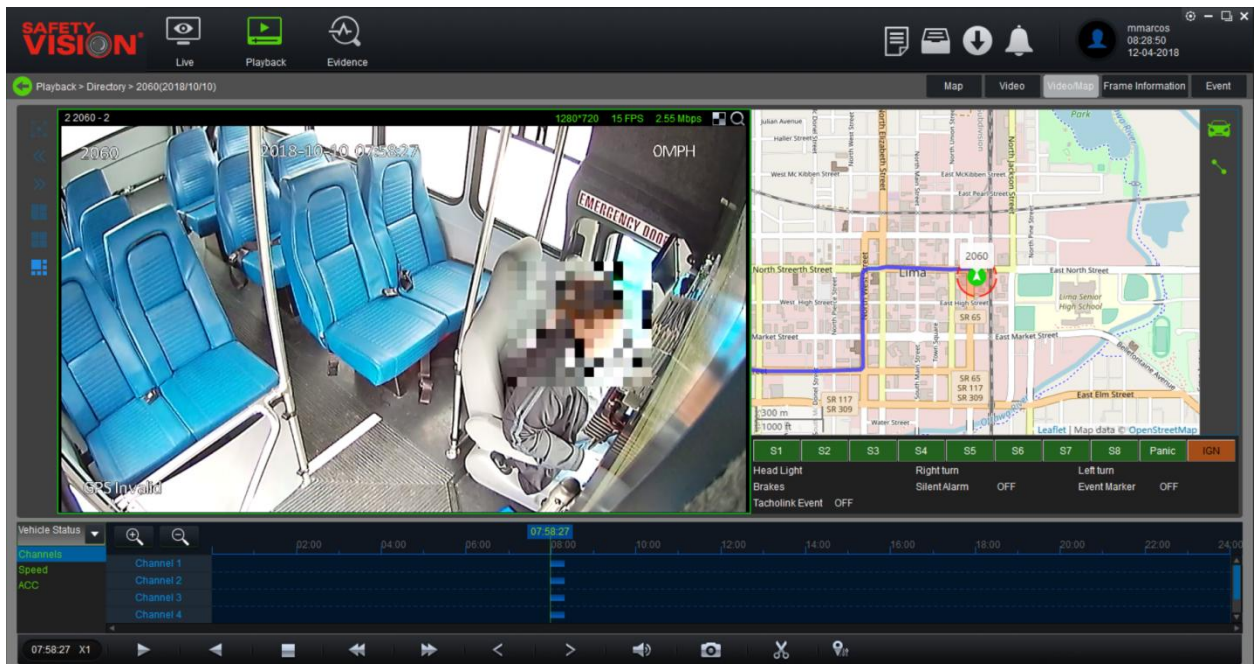
Foresight PRO includes fully integrated GPS with speed graph and map, fully synchronized with video. The map in the Foresight PRO software displays the vehicle location, route, breadcrumb trail, and vehicle's sensor inputs synchronous to the video being played. The map automatically follows the vehicle. Users can click on any point on the vehicle's breadcrumb trail on the map to jump directly to that time in the video.

Below the map, all of the vehicle's available sensors are displayed and correlate with their corresponding location on the map such that when a sensor becomes active, it is highlighted in orange. The 'Event' tab displays all events and alarms that occurred during the open video segment. Users can double-click on an event to jump directly to that time in the video.



Foresight PRO includes tabs in the playback screen to allow users to view map only, video only, or both. The 'Frame Information' tab displays the Frame Information window, displaying detailed metadata. Information includes firmware and MCU versions, agency name and vehicle number, specific accelerometer reading, GPS coordinates, vehicle speed, and device voltage and temperature.

The 'Zoom-in' button at the top of each camera channel allows users to zoom-in on any selected area. The 'Blur' button at the top of each camera channel allows users to select the areas of the camera's image to blur out. Blur is capable of being used in one or all of the camera channels simultaneously, and can be exported with video.





Users can click the 'Snapshot' button to save a single-frame still image in .bmp format from any user-selected camera.

Foresight PRO has the capability of exporting video in the following formats:

- Standard: Proprietary format that can only be played in the proprietary VMS.
- MINI Player: Self-executable format (.exe) used for sharing video with someone who does not have Foresight PRO. It contains a built-in standalone player that does not require any software to be installed. This file type includes the GPS map and all other metadata information.
- AVI: Non-proprietary file format that can be viewed in any standard media player. AVI format can be copied/burned onto a CD-ROM or DVD.

Foresight PRO requires a username and password entry. The software provides various levels of user level access rights that allow and restrict access to various functions. Multiple user roles can be created each with their own limited access to individual software features in accordance with any agency policies.

When networked to connect to any optional wifi devices for 802.11a/b/g/n 2.4 Ghz / 5Ghz, and optional cell modems for 4G LTE connectivity, Foresight PRO provides a total all-in-one back-end solution for any agency. Foresight PRO's back-end features wireless downloading, live video streaming, management of up to 2,000 vehicles, remote configuration and firmware updates, customizable email health alerts and reports.

Foresight PRO (when networked) is capable of arranging vehicles into multiple groups and granting access to specific users to manage those groups. For example: Group - Area 1 (vehicles 1-10) would be assigned to user1 and user1 would only have access to the vehicles in Area 1.

Foresight PRO (when networked) allows users to set geo-fences on a map pertaining to vehicle routes and set alerts on the geo-fence. A 'liner' geo-fence can also be created by importing the GPS coordinates from an existing vehicle's route and applying it to other vehicles.

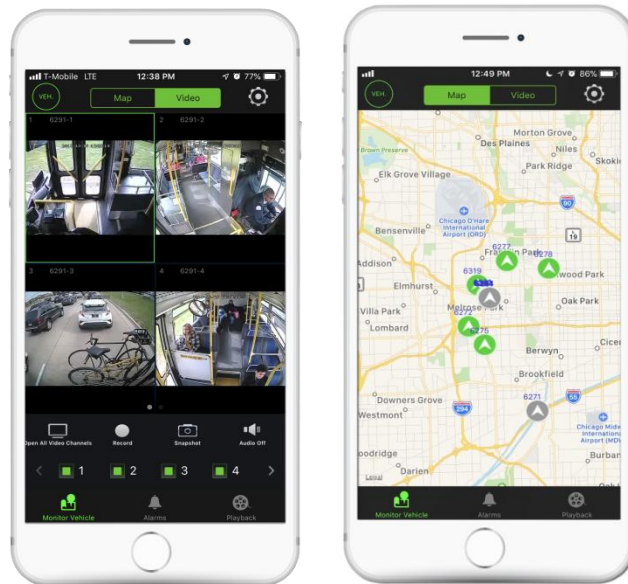
Foresight PRO (when networked) is capable of automated wireless downloads of specific types of video including manually scheduled downloads by authorized users. Users can view, edit and manage download tasks and monitor all downloading activity. Users can schedule tasks for automatic wireless downloads of specific types of video to occur every day, once, certain days of the week, and certain days of the month. The Foresight PRO software is configured to download all event alarm video automatically to the server.

Foresight PRO (when networked) includes an 'Evidence' folder which allows users to label, categorize, and generate reports after reviewing critical video clips.

Foresight PRO (when networked) includes an extensive reporting feature that provides in-depth information. Driver reports include speed, idle time, and events. DVR health reports includes possible camera or hard drive issues. Foresight PRO allows users to configure automatic email alerts based on criteria such as camera failures, event alarms, storage drive failures, GPS over speed, blind detection, etc. All reports can be printed or exported in Excel Format.

In Foresight PRO (when networked), users can launch the built-in OMS Pro Server feature. The OMS Pro Server opens in an internet web-browser and features fleet management and reporting capabilities via the internet. The OMS Pro Server has multiple reports that can be generated for the following: GPS Report; Alarm Report; User Log Report; Over Speed Report; Device Online/Offline Report; Reports on the User Offline; Mileage Report; Motion Alarm Report; The Last Vehicle Positioning Statements; Fence Report; IO Alarm Report; Vehicle Patrol Report; Temperature Report; People Counting Report; (additional equipment may be required to access all reports).

Foresight PRO (when networked) is capable of viewing real time GPS location of vehicles as well as stream live video from vehicles. Foresight PRO is also available as a downloadable app that can be installed onto any mobile device or tablet to stream live video and fleet tracking.





# OBSERVER™ 4112 HVR

## 12-CHANNEL HYBRID VIDEO RECORDER



The Observer 4112 HVR is Safety Vision's highly reliable HD recorder that never fails to perform. Supporting up to 12 cameras with 1080p resolution for each, the Observer 4112 HVR combines 8 channels of HD and 4 IP channels, offering a cost-effective approach to high-definition recording. Equipped with built-in wireless and cellular networking capabilities, the Observer 4112 HVR also comes fully loaded with integrated GPS for recording vehicle route history synchronized with video, a built-in G-force sensor, and an SD card slot for optional mirror recording.

### OS SUPPORT

Linux 3.0.8

### CAMERA CHANNELS

8 channels (HD or Std Res) + 4 IP (requires PoE switch)

### VIDEO OUTPUT

2 channels

### QUALITY SETTINGS

Adjustable 8 levels

### RECORDING RESOLUTION

NTSC: 8 × 1080p @ 10 FPS + 4 × 1080p @ 30 FPS (IP)

or

8 × 720p @ 30 FPS + 4 × 1080p @ 30 FPS (IP)

PAL: 8 × 1080p @ 10 FPS + 4 × 1080p @ 30 FPS (IP)

or

8 × 720p @ 25 FPS + 4 × 1080p @ 30 FPS (IP)

### STORAGE

1 × SATA II 2 TB HDD or 2 TB SSD

**Mirror Recording:** 1 × SD card up to  
256 GB max (optional)

### RECORDING MODES

Continuous / scheduled / alarm

### PRE-EVENT RECORDING

Configurable up to 60 minutes

### POST-EVENT RECORDING

Configurable up to 30 minutes

### ETHERNET

1 × RJ45 (10/100 M/1000M)

### WI-FI (ANTENNA REQUIRED)

Embedded module (802.11b/g/n)

### GPS (BUILT-IN)

Antenna required

(date / time, vehicle speed, mapping data)

### ACCELEROMETER

3-Axis (built-in)

### INTERFACES

**Front:** 1 × USB 2.0

**Rear:** 1 × USB 2.0, 2 × RS232, 2 × RS485

### SENSORS

8 inputs, 2 outputs

### POWER INPUT

8 ~ 36V DC, ACC

### OPERATING TEMPERATURE

-40° F ~ 158° F (-40° C ~ 70° C)

### DIMENSIONS (W × H × D)

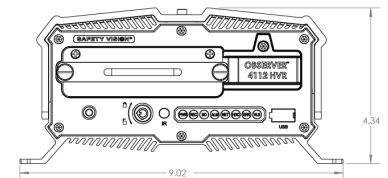
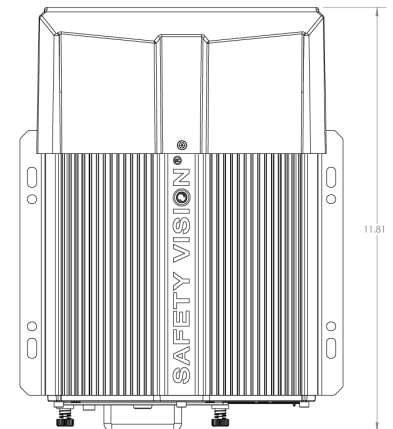
9.02 × 4.3 × 11.9 in (229.0 × 108.3 × 302.7mm)

### CERTIFICATIONS

CE, FCC, ISO7637, MIL-STD-810F, ROHS,  
IEC61373, EN50-155, EN60068-230

### PART NUMBER

4112-HVR



# 41AHD SERIES

## INTERIOR HD CAMERA



Interior Version  
(with IRs)



Windshield Version  
(without IRs)

The 41AHD series camera provides clear video evidence, generating HD images at 720p resolution. Recommended for interior camera placements, the 41AHD series is available with IRs for day/night functionality and without IRs for a windshield camera view. The mini-dome housing is vibration-proof and tamper-resistant, featuring a compact size to maximize available space on the vehicle.

### IMAGE SENSOR

1/3" 1.3M pixel CMOS

### RESOLUTION

720p

### INFRARED ILLUMINATORS

Yes: 6 LEDs (*interior version*)

No (*windshield version*)

### MINIMUM ILLUMINATION

0 Lux (*with IRs*)

### SIGNAL-TO-NOISE RATIO

≥50dB (AGC OFF)

### FOCAL LENGTH

2.8mm (*3.6mm optional*)

### FIELD OF VIEW

H: 95° (2.8mm), 74° (3.6mm)

V: 50° (2.8mm), 41° (3.6mm)

### AUTO ADJUSTMENTS

White Balance, Auto Gain, Back Light Compensation, Electronic Shutter

### ADJUSTABLE RANGE

0-355° (H), 0-90° (V)

### AUDIO

Integrated microphone

### VIDEO OUTPUT

AHD standard output, 4-pin aviation cable

### POWER REQUIREMENT

12V DC ± 10%

### POWER CONSUMPTION

With IR: 120mA DC 12V ± 5%

Without IR: 70mA DC 12V ± 5%

### OPERATING TEMPERATURE

-4° F ~ 122° F (-20° C ~ 50° C)

### DIMENSIONS (W × H)

2.72 in × 2.19 in (69.09 mm × 55.63 mm)

### PART NUMBER

AHD-xxMIR and AHD-xxM

### FEATURES

- Clear audio recording with built-in microphone
- Threaded collar connectors screw-lock to form a solid connection
- Available in white or black housing

# FORESIGHT PRO

## VIDEO MANAGEMENT SOFTWARE



Foresight PRO is the powerful video management software for the Observer series of recorders that offers all the playback and investigating tools you need – right at your fingertips. When paired with WIFI and cellular networking, Foresight PRO's back-end solution provides features such as wireless video downloading, system email health reports, custom email alerts, live video streaming and fleet tracking. View every camera angle at once and zoom in on important details. Use the blur feature to protect the identity of your drivers and passengers. See speed, route history, and other vehicle metadata such as turn signals, brakes, hazard lights and much more, all synchronized with video and graphically displayed for easy analysis. A convenient Evidence folder allows users to label, categorize, organize and generate incident reports after reviewing critical video clips. Also available as a downloadable app, Foresight PRO may be installed onto any internet accessible mobile device or tablet.

### FEATURES:

- Secure User Login
- Advanced Playback Tools
- Geofencing And Fleet Tracking
- Zoom & Blurring Features
- Passive GPS History
- System Email Health Reports
- Custom Email Alerts
- Convenient Video Offloading
- Live Video Streaming
- Evidence Feature
- Easy Exporting Options
- Mobile App Available

### MINIMUM HARDWARE REQUIREMENTS

**Server:** Intel Core i5-2400 (6M cache, up to 3.40GHz), 4GB RAM (2 x 2048), 1GB RAM on graphics card, 1000Mbps LAN card, 10GB free storage space for software, 200MB of free disk space, per vehicle, for database

**Client:** Intel Core i5-2400 (6M cache, up to 3.40GHz), 4GB RAM (2 x 2048), 1GB RAM on graphics card, integrated 10/100/1000 ethernet card

### MINIMUM SOFTWARE REQUIREMENTS

**Server:** Windows Server 2008 R2 (64-bit) or Server 2012 R2 (64-bit), Microsoft .NET Framework 3.5 SP1 or above

**Client:** Windows 7 or Windows 8 (32- or 64-bit), Internet Explorer 10, Adobe® Flash

6100 W. Sam Houston Pkwy. N.  
Houston, TX 77041

**SAFETY  
VISION®**

800.880.8855  
www.safetyvision.com

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***Optional on-premise server specifications:***

PowerEdge R540	PowerEdge R540 Server
Motherboard	PowerEdge R540 MLK Motherboard
Trusted Platform Module (TPM)	No Trusted Platform Module
Chassis Configuration	3.5" Chassis with up to 12 Hot Plug Hard Drives
Shipping	PowerEdge R540 Shipping
Shipping Material	PowerEdge R540 Shipping Material
Processor	Intel Xeon Silver 4210 2.2G, 10C/20T, 9.6GT/s, 13.75M Cache, Turbo, HT (85W) DDR4-2400
Additional Processor	No Additional Processor
Processor Thermal Configuration	Heat Sink already included
Memory DIMM Type and Speed	2666MT/s RDIMMs
Memory Configuration Type	Performance Optimized
Memory Capacity	16GB RDIMM, 2666MT/s, Dual Rank
RAID Configuration	C6, RAID 1 + RAID 5 for HDDs or SSDs (Matching Type/Speed/Capacity Within Each RAID Container)
RAID/Internal Storage Controllers	PERC H730P RAID Controller, 2GB NV Cache, Adapter, Low Profile
Hard Drives	(2) 480GB SSD SAS Mixed use 12Gbps 512e 2.5in with 3.5in HYB CARR PM5-V Drive, 3 DWPD, 2628 TBW
Hard Drives for 2nd RAID Container	(4) 8TB 7.2K RPM NLSAS 12Gbps 512e 3.5in Hot-plug Hard Drive
Operating System	Windows Server® 2016,Standard,16CORE,Factory Inst,No MED,NO CAL
Licenses	Windows Server® 2016,Standard Ed, Add License,2CORE,NO MEDIA/KEY
OS Media Kits	Windows Server® 2016 with Standard Edition, 2012R2 Downgrade Media
OS Media Kits	Windows Server® 2016,Standard,16CORE, Media Kit

Embedded Systems Management	iDRAC9 Basic
Group Manager	iDRAC Group Manager, Disabled
Password	iDRAC, Factory Generated Password
PCIe Riser	1x FH, 3x LP, 1 CPU
Additional Network Cards	On-Board Broadcom 5720 Dual Port 1Gb LOM
Additional Network Cards	Broadcom 5720 Dual Port 1GbE BASE-T Adapter, PCIe Low Profile
Internal Optical Drive	No Internal Optical Drive for 12 HD Chassis
Power Supply	Dual, Hot-plug, Redundant Power Supply (1+1), 750W
Power Cords	(2) NEMA 5-15P to C13 Wall Plug, 125 Volt, 15 AMP, 10 Feet (3m), Power Cord, North America
Bezel	PowerEdge 2U LCD Bezel
Quick Sync 2 (At-the-box mgmt)	Quick Sync 2 (At-the-box mgmt)
Power Management BIOS Settings	Performance BIOS Setting
Advanced System Configurations	UEFI BIOS Boot Mode with GPT Partition
Rack Rails	ReadyRails™ Sliding Rails Without Cable Management Arm
System Documentation	No Systems Documentation, No OpenManage DVD Kit
Shipping Information	US No Canada Ship Charge
iDRAC Service Module	iDRAC Service Module (ISM), NOT Installed
Dell Services: Hardware Support	Basic Next Business Day 36 Months, 36 Month(s)
Dell Services: Extended Service	Next Business Day Onsite Service, 37 Month(s)



3) *Provide your experience, including how long you've been in business*

### **QUALIFICATIONS & EXPERIENCE**

Safety Vision is a prime vendor in the mobile video surveillance market. We serve a variety of industries and have been meeting the needs of fleet administrators worldwide for over 25 years.

Our skill set is grounded in our long history and deep knowledge of mobile video technology across a multitude of verticals:

- *Mass Transit*
- *Paratransit*
- *Rail*
- *Motorcoach*
- *Pupil Transportation*
- *EMS*
- *Firefighting*
- *Airport Rescue and Firefighting*
- *Law Enforcement*
- *Prisoner Transport*
- *Commercial Trucks*
- *Cement Trucks*
- *Pickup and Delivery*
- *Tractor Trailer*
- *Heavy Duty Vehicles*
- *Waste Trucks*
- *Armored Vehicles*
- *Tow and Recovery*

We strive to improve community, passenger, and driver safety with our full suite of onboard surveillance and rear vision camera systems. Whatever the application, vehicle or environment, we are here to deliver the mobile video solutions and software tools you need to enhance security, protect investments, and improve operations.

With many years of experience, Safety Vision has worked closely with the following Original Equipment Manufacturers (OEMs) to achieve world class operations with timely deliveries:

- *Siemens Rail Car*
- *New Flyer Industries Bus*
- *Caf Rail Car*
- *Nova Bus*
- *Gillig Bus*
- *Alexander Dennis Bus*
- *Eldorado Bus*
- *Champion Bus*
- *Forest River Bus*

Safety Vision has delivered exceptional service to over 100 transit agencies nationwide. There have been no instances where litigation has been necessary to resolve any issues with our performance of a contract. We provide what we sell. We are dedicated to the transit industry, and have attained considerable field experience over the past 25 years that we have been in business.

We focus on building and maintaining lasting relationships with each of our customers. We are here to help you find the optimal solution that not only solves problems, but also fits into your budget. We take the time to listen to your feedback, which helps our in-house engineers fine-tune our mobile video solutions. At Safety Vision, we work hard at continuously improving our product offerings as technologies keep evolving.

Our system design is centered on making your surveillance system more efficient and more effective in its work. It is our top priority that the challenges our customers face are handled by us providing the best possible video coverage for capturing all activity in and around the bus. Having clear and concise video evidence paired with easy to use and easy to manage software, helps facilitate rapid responses to incidents, reduce the need for lengthy investigations – saving you time and effort.

Safety Vision has deployed over a million systems throughout the country providing this capability, increasing ROI, and actually reducing the instances of criminal activity.

Safety Vision recognizes the ultimate component of a comprehensive video system is the flexibility to meet and exceed all your needs. By leveraging the extensive skill and technical expertise of our team members, we pride ourselves in delivering premium service. We pledge to support you every step of the way from creating a custom tailored solution, professional installation and training, to after delivery support.

## **COMPANY OVERVIEW**

### ***Your Mobile Surveillance Company***

Safety Vision, LLC is among the most recognized vendors of mobile video surveillance products in North America, standing strong for over two decades in their goal to enhance driver safety with mobile surveillance. With over 25 years of industry knowledge and expertise, Safety Vision prides itself on its comprehensive solutions, forward-thinking mindset, extensive client list, and proven results.

### ***Our Solutions***

Safety Vision designs and supplies products that help improve visibility in order to protect assets, reduce liability, maximize operational efficiency and, most importantly, enhance safety. Apart from Safety Vision's core products— durable hardware and intuitive software—the company has made it a point to recognize and respond to its customers' needs. In accordance with the demands of the marketplace, Safety Vision continues to incorporate innovative features such as wireless downloading, live viewing, GPS mapping, open architecture software, and advanced recording technology to further enhance their solutions. In addition, many customers look to Safety Vision for customized solutions that implement these and other mobile systems and technologies for the best value.

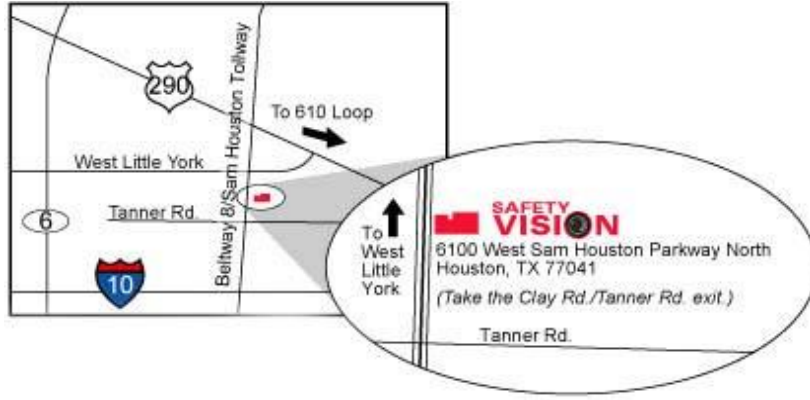
Safety Vision caters to a variety of industries such as mass transit, law enforcement, K-12, first responders, and many more. Safety Vision works with both public and private sectors, and their product's purposes range from increasing driver awareness and improving public safety to decreasing private liability and saving businesses' revenue. Since opening in 1993, Safety Vision has sold over a billion dollars of mobile safety products. Those products have been used by agencies, companies, and organizations to provide custom mobile safety, saving them time, resources, and money annually.

### ***Location & Personnel***

Safety Vision is headquartered in Houston, Texas, with nearly 100 employees. Their knowledgeable sales, marketing, client support, and administrative teams maintain close customer contact, as the product development, service, and warehouse teams maintain day-to-day operations. Safety Vision's 40,000 sq. foot building is equipped with a four-tier warehouse that stores over twelve million dollars of inventory. Not only does Safety Vision have satellite offices in over a dozen US states, but they also provide international service with Safety Vision Latin America, accompanied by their 6 international locations.

### ***Safety Vision Headquarters***

Our corporate office is located in Northwest Houston between Tanner Road and West Little York, on the West Sam Houston Parkway North. [Directions to our corporate headquarters.](#)



**Corporate Address:**

6100 West Sam Houston Parkway North  
Houston, Texas 77041  
Direct: 713-896-6600  
Toll Free: 800-880-8855  
Fax: 713-896-6640  
[www.safetyvision.com](http://www.safetyvision.com)

**Our Mission:**

*To deliver superior and innovative mobile surveillance solutions that vehicle fleets depend on, provide lasting value that benefits the customer, and instill pride in the Visionaries that service them.*

**Our Vision:**

*To become the premier vendor in the mobile surveillance industry, by bringing technological innovation, value, and safety to vehicle fleets world-wide.*



- 4) At least three references with current contact information, for which you are providing the same services and equipment as specified in this RFB

### REFERENCES

Greater Lafayette Citybus
1250 Canal Road
Lafayette, IN 47902
<b>Contact:</b> Randy Anderson
<b>Phone:</b> 765-423-2666
<b>Fax:</b> 765-742-4729
<b>Email:</b> <a href="mailto:randerson@gocitybus.com">randerson@gocitybus.com</a>
<b>Notes:</b> Citybus in Lafayette Indiana utilizes our 4000 HVR, 4112 HVR and 4116 NVR. The 4112 HVRs in the fleet are dropped in on to Mobile View cameras utilizing adaptors at the DVR end. Citybus has been using our products since the end of 2016.

Development Services of North West Kansas (Access Services)
1205 E. 22 <sup>nd</sup>
Hays, KS 67601
<b>Contact:</b> Wade Kruse
<b>Phone:</b> 785-6281052
<b>Fax:</b> 785-621-2079
<b>Email:</b> <a href="mailto:wade.kruse@mydsnwk.org">wade.kruse@mydsnwk.org</a>
<b>Notes:</b> Installed 12 5-Camera systems with our 4112 HVR with wireless downloading through an EnGenius Radio. We are utilizing a 5GHz frequency for offloading. Customer has been using the Safety Vision products since March 2019.

Fort Wayne Citilink
801 Leesburg Road
Fort Wayne, IN 46808
<b>Contact:</b> Jason Trabert
<b>Phone:</b> 260-408-0030
<b>Fax:</b> 260-436-7729
<b>Email:</b> <a href="mailto:jmt@fwcitilink.com">jmt@fwcitilink.com</a>
<b>Notes:</b> Installed 4112 HVRs on 55 vehicles, with a complete wireless network that includes 5 access points, servers, and live streaming capabilities.



- 5) *Warranty information on both the materials and installation, including length of warranty, coverage, and contact information if warranty work is needed*

## **WARRANTY**

### **LIMITED 5-YEAR NEW PRODUCT WARRANTY**

Safety Vision, LLC ("SV") makes the following limited warranty, which is effective at the time of the original end-user purchase.

**NOTE:** *Optional warranty products are available for all SV products and may be purchased at the time of the original end-user purchase or any time during the original Limited 5-Year New Product Warranty period. (Note: 5 Year warranty included with your purchase. Warranty is for SV products only and **does not** apply to any pre-existing products or equipment being used in-conjunction with SV products)*

SV warrants its products against defects in materials for a period of 5 years after the date of purchase. During this period, SV will repair or replace a defective product or part without charge to the customer. The customer must send the defective product or part to SV or an authorized SV dealer. The customer must pay for all transportation and insurance charges for sending the unit to be repaired. SV's total liability is limited to the original product cost.

### **Customer's Responsibility**

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The above warranty is subject to the following conditions:

- *Customer must notify SV within 10 days of discovering the defective product or part and provide a description of the defect and complete information about the manner of its discovery.*
- *All warranty servicing of this product must be performed by SV or an authorized servicing agent.*
- *Warranty extends only to defects in materials as limited in the preceding section. Warranty does not extend to any product or part that has been lost or discarded by the customer; to damage to products or parts caused by misuse, accident, improper installation, improper maintenance, or use in violation of instructions furnished with the product; to units that have been altered or modified without authorization of SV; to damage to products or parts that have had the serial number removed, altered, defaced, or rendered illegible; or to any failure of the product to function caused by burglary, fire, flood, war, riot, civil commotion, Acts of God, or any other condition beyond the control of SV.*

### **Obtaining Warranty Service**

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To obtain warranty service, the customer must contact the SV Service and Warranty Manager at 713.896.6600 or 800.880.8855 to report a defective product. (The customer must report the model number and serial number if available.) The Service and Warranty Manager will assist in troubleshooting the problem and, if necessary, issue a return material authorization (RMA) number. The customer must include this number on the outside of each package shipped to SV.

### **Important Packing and Shipping Instructions**

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When a product requires service, only the affected component must be returned. If returning a DVR, please include the SD card or hard drive that was in use at the time the issue occurred. The customer must use proper packing material to ensure against damage during shipping. Any shipping damage caused by improper packing is not covered under this warranty. In addition, the customer must include a return material authorization (RMA) number on the outside of each package shipped to SV and a letter explaining the defect with the product.

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### **Phone/Online Support**

To obtain phone or online support please contact our technical support team at 713-929-1164. Our technical support staff will assist the customer with any training and/or product issues that can be addressed over the phone and also assist with any software issues over the phone or via online support. There are no associated costs for vendor support and/or product training.

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### **Optional Warranty Products**

Optional warranty products are available for all SV products and may be purchased at the time of the original purchase or any time during the original Limited 5-Year New Product Warranty period. SV offers the following three optional warranty products for all SV products:

- *Advance Replacement*
- *Extended Product Warranty*
- *Extended Product Warranty with Advance Replacement*

Extended product warranties are available for a minimum term of one year (in addition to the Limited 5-Year Warranty) and are available for all products sold by SV. Customers should contact their sales representative or the SV Service and Warranty Manager at 713.896.6600 or 800.880.8855 for more information about these optional warranty products.

*NOTE: Physical damage caused by abuse is not covered.*

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### **Advanced Replacement**

Under the terms of the optional Advance Replacement Warranty, the customer must contact SV if a component fails during the 5-year period after the date of product purchase. SV ships a refurbished replacement component immediately using standard ground freight. (SV will ship a replacement using air freight at the customer's expense.) The customer must ship the failed component to SV. SV determines the cause for failure and repairs the component. If the component failure is due to physical damage from abuse, SV invoices the customer for the repair and return freight charges, if applicable.

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### **Extended Product Warranty**

Under the terms of the optional Extended Product Warranty, the customer must return the component that has failed to SV. SV determines the cause for failure, repairs the component, and returns it to the customer. If the component failure is due to physical damage from abuse, SV invoices the customer for the repair and return freight charges, if applicable. The extended product warranty extends the Limited 5-Year Warranty of Parts to a minimum of 6 years.

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### **Extended Product Warranty with Advance Replacement**

Under the terms of the optional Extended Product Warranty with Advance Replacement, the customer must contact SV if a component fails during the term of the Extended Product Warranty. SV ships a refurbished replacement component immediately using standard ground freight. (SV will ship a replacement using airfreight at the customer's expense.) The customer must ship the failed component to SV. SV determines the cause for failure and repairs the component. If the component failure is due to physical damage from abuse, SV invoices the customer for the repair and return freight charges, if applicable.

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### **Labor Warranty**

The project mentioned herein shall be completed within contract terms in accordance with the scope of work outlined in the contract documents. The agency guarantees the installation described herein as follows:

**Labor:** For a period of Ninety (90) days commencing on the date of Substantial Completion. Any defect in labor, will be repaired at no cost to the owner. Safety Vision shall be notified in writing, of any defects prior to the Ninety (90) days from the date of Substantial Completion at which time the warranty expires.

After the period of Ninety (90) days, labor for the removal and installation of any defective parts will be at the owner's expense. Optional maintenance contracts are available and may be purchased any time after the original purchase. All maintenance contracts include a minimum charge of \$200.00 per vehicle for annual service. Pricing can be adjusted if customer chooses a quarterly or semi-annual frequency.

The above warranty does not cover additional owner instruction, set-up or adjustment. Likewise, this warranty does not cover normal wear and tear, cosmetic damage or damage caused by acts of nature, accidents, negligence, misuse, abuse or lack of routine maintenance, or modification to any part of the system, by anyone other than the agency.

### **Maintenance Contracts (Optional)**

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#### **Schedule:**

The Maintenance schedule will be determined by the end user and the Account Executive. The following options are available:

- *Quarterly*
- *Semi-Annually*
- *Annually*

All maintenance contracts include a minimum charge of \$200.00 per vehicle for annual service. Pricing can be adjusted if customer chooses a quarterly or semi-annual frequency.

#### **Maintenance Services will include:**

##### **General inspection:**

- *All Equipment mounted securely*
- *LED Buttons are functioning correctly*
- *Confirm locks, wiring harnesses and cabling are functioning as expected*
- *Confirm Displays are operating as expected*
- *Review Log Files from prior inspections*

##### **Recorders:**

- *Confirm configurations are set correctly*
- *Firmware version is up to date*
- *IP address confirmation*
- *Confirm Hard Drive functioning as expected*

##### **Sample Footage:**

- *Confirm all cameras are functioning as expected and views are acceptable*
- *Confirm microphones are working (if applicable) as expected*
- *Confirm sensors are working (if applicable) as expected*
- *Review sample footage and test HVR/NVR for expected functionality*

*\*\*Additional inspections for download and health checks would apply if wireless infrastructure is implemented.*

### **Safety Vision RMA Process**

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PLEASE NOTE: No returns are to be made without a Material Authorization Number. Unauthorized returns are subject to refusal and return to you at your expense. All returns will be assessed a 15% restocking charge. Invoices reflect prevailing prices at time of shipment. Any claim for incorrect pricing must be made on or before the net due date of the invoice.

#### **See below for instruction on RMA process:**

In order to obtain a Return Merchandise Authorization, you will need to have the Safety Vision part number and/or serial number. You may submit an email to [customerservice@safetyvision.com](mailto:customerservice@safetyvision.com) or call us at 800-880-8855 with the product identification, concern/issue you are experiencing and your best method of contact.

Our Client Support Specialists will then determine if the product needing service on is still within the warranty period and/or determine the next best route. If the product is still within the warranty period, an email with the Authorization attached will be sent to you. You will need to print out this Authorization and place it in the package to be returned to Safety Vision. It is the client's responsibility to return the equipment back to Safety Vision by way of USPS, Federal Express or UPS. Once a technician has evaluated the equipment, your item will either be repaired or replaced and sent back at no additional cost.

*\*\*If your equipment is not still within the warranty period, a purchase order or credit card will need to be obtained prior to the Authorization finalization. Once the payment method has been determined and added to the Authorization, the same method that is stated above should be applied with regards to sending the equipment back to Safety Vision. If your product is repairable, a fee will be applied to the service order in addition to the shipping charges to ship the product back to you. You may ask for an estimated service charge prior to the placement of your service request, however, charges are estimates only and cannot be guaranteed until the product has been evaluated.*

Our standard turn-around time for evaluation is 3-5 business days. As a point of reference within this process, physical Damage, including Water Damage, is not covered by our Safety Vision warranty. Our Client Support Specialists will be in touch with you once an assessment has been performed and a resolution can be provided. Should you have any questions on the status of your service, you may call our Client Support Department at any time.

## ***AFTER DELIVERY SUPPORT & SERVICES***

Safety Vision prides itself on customer service and support after the purchase. Over the last 25+ years, this is one of the main factors in gaining and retaining many large and small customers.

Safety Vision's U.S. based technical support resides at our corporate headquarters in Houston, TX. The technical support team has vast experience amongst all our product lines, and they are ready to help you learn about your products or resolve any problems after they have been installed.

Our technical support department is operational from 7:00am – 6:00pm CST Monday to Friday. They can be reached at 713-929-1164. Response is typically within one hour of receiving the call. Support is achieved but not limited to phone, web, email, and remote computer log in.

If requested by the customer, Safety Vision can offer on-site service contracts. These services can be performed by a trained local contractor agreed upon Safety Vision and the customer or a Safety Vision employee assigned to remain on-site at the client's facility. (If the client has a preferred contractor, Safety Vision can train and certify them. Some cost may be involved)

### **Availability of Parts**

Safety Vision's 40,000 sq. foot building is equipped with a four-tier warehouse that stores over twelve million dollars of inventory.

Determined lead time for stocked inventory will consists of 7-10 days. If item(s) not in inventory, please allow 30 business days for shipment delivery.

### **On-site Service Call**

If requested by the customer, Safety Vision can offer on-site service. Determined lead time needed for an on-site service call will consist of 14 days. (\*\***Note** – *Subject to change due to any scheduling conflicts*\*\*) )

### **Software Maintenance**

Our Software maintenance model is broken down to four sections and it's categorized as:

- **Corrective Maintenance:** Is a reactive modification of a software product performed after delivery to correct discovered problems and it is also termed as bug fix.
- **Adaptive Maintenance:** Is the modification performed on a software product after delivery to keep a software product usable in a changed or changing environment. It is also termed as enhancement.
- **Perfective Maintenance:** Is the modification of a software product after delivery to improve performance or maintainability. It is also called performance tuning.  
**Note-** *All Corrective, Adaptive and Perfective Maintenance updates are typically pushed out to clients via email with a TSB (Technical Service Bulletin). The TSB contains a link for downloading the enhanced version of software.*
- **Preventive Maintenance:** Is typically conducted by the client at a minimum of quarterly intervals. This maintenance check consists of verifying with Safety Vision that the correct version of software is installed on all viewing stations, servers, etc.

6) *The completed price quote and certifications on pages 7-11*

Please see the attached completed price quote and certifications from pages 7-11 of the original bid document.



CONFIDENTIAL

**PRICE QUOTE**

Proposer Safety Vision LLC

Total Cost for 35 DVRs \$ 53,628.00

Includes: -Installation & Training & Shipping  
-Mobile View Camera Adaptors  
-2 AHD Cameras Per System for Audio Requirement

Optional Disposal/Recycling Cost of DVRs \$ Included

Lifetime Technical Support Cost Per Year \$ Included

Warranty Cost Per Year \$ Included at no extra charge

Estimated Project Start Date October 14, 2019

Estimated Project Completion Date October 31, 2019

Optional On-Premise Video Storage Server = \$9,855.00\*

\*See Proposal T084253 for detailed breakdown

Optional Live-View Hosting Service Through Safety Vision = \$35.00/vehicle x 26 = \$910.00/month for fleet

Topeka Metro is tax exempt and will obtain a Project Exemption Certificate from the Kansas Department of Revenue. Do not include sales tax in your proposed price.

**DISADVANTAGED BUSINESS ENTERPRISES (DBE) CERTIFICATION**

This contract is subject to the requirements of Title 49, Code of Federal Regulations, Part 26, *Participation by Disadvantaged Business Enterprises in Department of Transportation Financial Assistance Programs*. The national goal for participation of Disadvantaged Business Enterprises (DBE) is 10%. Metro's overall 2019-2021 goal for DBE participation is 2.00%; the race neutral goal is 1.12%, and the race conscious goal is 0.88%. There is no contract goal for this procurement.

The contractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of this DOT-assisted contract. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as Metro deems appropriate. Each subcontract the contractor signs with a subcontractor must include the assurance in this paragraph (see 49 CFR 26.13(b)).

The contractor is required to pay its subcontractors performing work related to this contract for satisfactory performance of that work no later than 30 days after the contractor's receipt of payment for that work from Metro.

The contractor may not hold retainage from its subcontractors.

The contractor must promptly notify Metro, whenever a DBE subcontractor performing work related to this contract is terminated or fails to complete its work, and must make good faith efforts to engage another DBE subcontractor to perform at least the same amount of work. The contractor may not terminate any DBE subcontractor and perform that work through its own forces or those of an affiliate without prior written consent of Metro.

Signature: \_\_\_\_\_



Name and Title: Kirk Johnson, Account Executive

Company Name: Safety Vision LLC

Date: August 28, 2019

**LOBBYING CERTIFICATION**

The undersigned contractor certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for making lobbying contacts to an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan or cooperative agreement, the undersigned shall complete and submit Standard Form LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions. See 49 CFR 20.100.

(3) The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including subcontracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 USC. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure. [Note: Pursuant to 31 USC 1352(c)(1)-(2)(A), any person who makes a prohibited expenditure or fails to file or amend a required certification or disclosure form shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such expenditure or failure. See 49 CFR 20.400.]

The undersigned contractor certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 USC 3801, et seq, apply to this certification and disclosure, if any.

Signature: \_\_\_\_\_



Name and Title: Kirk Johnson, Account Executive

Company Name: Safety Vision LLC

Date: August 28, 2019

**NON-COLLUSION CERTIFICATION**

This is my sworn statement to certify that this proposal was not made in the interest of or on behalf of any undisclosed entity. This proposal is not collusive.

This proposer has not been a party to any agreement or collusion in restraint of freedom of competition by agreement to bid a fixed price, to refrain from bidding, or otherwise. This proposer has not, directly or indirectly, by agreement, communication or conference with anyone, attempted to induce action prejudicial to the interest of Topeka Metropolitan Transit Authority, or of any proposer, or anyone else interested in the proposed contract.

Signature:



Name and Title: Kirk Johnson, Account Executive

Company Name: Safety Vision LLC

Date: August 28, 2019



**SUSPENSION / DEBARMENT CERTIFICATION**

**In regard to 2 CFR Parts 180 and 1200**

In accordance with 2 CFR Parts 180 and 1200, the contractor is required to verify that none of its principals or affiliates:

- 1) is included on the federal government's suspended and debarred list;
- 2) is proposed for debarment, declared ineligible, voluntarily excluded or disqualified;
- 3) within three years preceding this proposal, has been convicted of or had a civil judgment rendered against them for (a) commission of fraud or criminal offense pertaining to performing a public transaction, (b) violation of any federal or state antitrust statute, or (c) embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property;
- 4) is indicted or charged by a governmental entity for any of the charges in 3) above; and
- 5) has had any public transaction terminated for cause or default within three years preceding this proposal.

The contractor is required to include this requirement in any subcontracts related to this contract.

By signing and submitting its proposal, the proposer certifies that the certification in this clause is a material representation of fact relied upon by Metro. If it is later determined that the proposer knowingly rendered an erroneous certification, in addition to remedies available to Metro, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment. The proposer agrees to verify that none of its principals or affiliates is included on the federal government's suspended and debarred list at any time throughout the period of this contract. The proposer further agrees to include a provision requiring the same compliance in its subcontracts related to this contract.

Signature:



Name and Title: Kirk Johnson, Account Executive

Company Name: Safety Vision LLC

Date: August 28, 2019