



MASS TRANSIT MOBILE VIDEO SOLUTIONS

2020 PRODUCT BROCHURE



Safety Vision is an on-board video provider dedicated to strengthening transit security and safety. Our products are designed to relieve the issues faced in the mass transit industry and are fully customizable and tailored to fit your unique needs. While our solutions are surveillance-centered in nature, the foundation of what we do is to enhance safety for passengers and operators. Whether the operator was attacked or falsely accused, or a passenger was treated poorly; our products are there to safeguard everyone involved.

Advanced Features:

Deter vandalism and crime

Enhance driver awareness

Substantiate or refute false claims

Wireless video downloading

System health and status reports

GPS tracking

Custom tailored solution

Clear audio recording

Live viewing capabilities

Reduce risk of collisions

Real-time alerts

Enhance passenger/operator safety









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Proprietary VMS - Foresight PRO



Safety Vision's Foresight PRO video management system (VMS), is the powerful software used for monitoring and reviewing footage from the Observer series of recorders. One of the greatest benefits of this solution is that it continuously records entire bus routes. All recorded video and audio are synchronized to GPS coordinates and time stamped, equipping you with undeniable evidence for incident investigation. Using the Observer recorder's panic button, drivers can immediately flag footage, which will be easily identified in the Foresight PRO software to expedite the video retrieval process.

When connected to optional cellular networks, Foresight PRO enables you to live stream from any vehicle and instantly view events as soon as they occur. Drivers can send real-time alerts with our panic button, so you can immediately view an incident live and determine the best course of action. Complete with GPS tracking, users will know exactly where the vehicle is at all times.

Features:







Geofencing

Real-time email alerts

Wireless Downloading



Also available as an app, Foresight PRO can be used on any Android or iOS enabled mobile device or tablet.

Wireless Network



Wireless Video Solution

Minimize operations with the use of our optional wireless downloading solution. Save time by automatically downloading video within your desired parameters: event-based, on-demand, or on a schedule.

How does it work?

- A wireless network is set up at the facility where the vehicles return and park overnight.
- Throughout the bus lot are access points which are configured to connect to a central server (where the software and downloaded video files will be housed).
- On each vehicle, the digital video recorder (DVR) is connected to a Wi-Fi radio that is interfaced with the access points located throughout the facility.
- When a vehicle returns to the facility and is in the wireless network range, the Wi-Fi radios on each vehicle automatically connect to the access points directly transmitting any scheduled, automatic event-based, or enduser requested video content to wirelessly offload to the server.

Computers connected to the server and using the Foresight PRO client software, have the ability to quickly and easily search the video database based on selected criteria.

Another key benefit to wireless networking includes extensive e-mail reporting. Users can customize e-mail alerts for recorder health reports as well as alerts on operator events and critical alarms.



Open Architecture





Unify your security operations

Safety Vision's open architecture hardware and software is your solution for unified security management. This collaborative platform embeds all of your security operations into a single infrastructure – reducing IT barriers and consolidating your monitoring and reporting practices.

Reduce Knowledge Overload

Educate operators to use one system rather than multiple - minimizing personnel trainings

Personalized View

See the operations that matter to you in one screen

Merge 3rd Party Technology

Add new technologies or open-design hardware as they are developed – reducing time dedicated to enhancement searches

Robust Performance

Our intuitive NVR's adapt to your preferred open platform

Ultimate Scalability

Endlessly expand your security platform with hardware/software integration and custom functionalities

Not only does the open architecture allow you to save time and money, but it enables you to be more efficient and effective. The ability to unify all your systems empowers you to streamline your routines and focus on issues before they develop into bigger problems.

SCALABLE AT AN UNPRECENDENTED LEVEL

Built-In Technology

GPS Tracking

On-board monitoring with Live Look-in

Static and dynamic geofences

Real-time email alerts

Technology Add-Ons

▼ Unidentified object detection

People Counting

Gunshot detection

Privacy protection with auto-redaction



NO CONTACT TEMPERATURE SCANNING DEVICE



QUICKLY AND EASILY MEASURE PASSENGER TEMPERATURE UPON ENTRY- WITHOUT CONTACT

CDC Guidelines recommend staying 6 ft away from eachother

VOICE ALARM

- Audible alerts if temperature is normal or abnormal IR SENSOR
- Measures forehead or palm of the hand temperature **ACCURACY**
- Accurate up to 2-3in away and within ≤ \pm 3°F

MOUNTING OPTIONS

- Multiple mounting options for mobile or facilities

DURABILITY

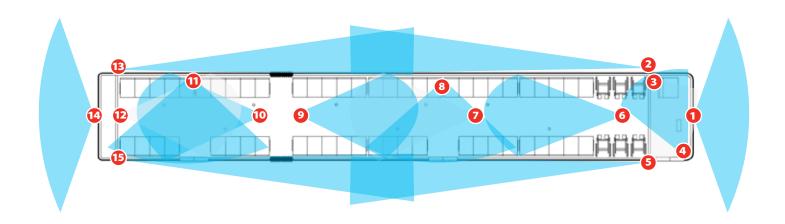
- Vibration-proof and tamper-resistant enclosure

DATA

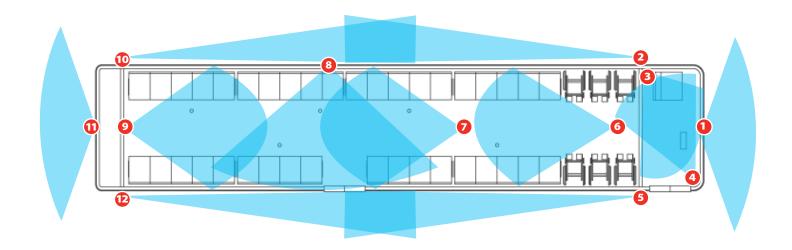
- No data is collected to protect privacy



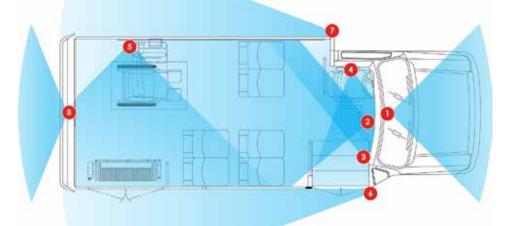
Recommended Camera Placments



Articulated Bus Camera Placements



Fixed-Route Bus Camera Placements



Para-Transit Camera Placments

Observer™ 4000 HVR





Solid State







RECOMMENDED FOR SOLUTIONS UP TO 5 CAMERAS

HIGH DEFINITION RECORDING

- Capture clear video evidence on all channels for quality that matters

HYBRID VIDEO TECHNOLOGY

- Upgrade to high definition cameras at your own pace

DUAL SD CARD SLOTS

- Secure recorded footage onto solid-state storage with no moving parts

PASSIVE GPS TRACKING

- Record vehicle's speed and entire route traveled synced with video

CUSTOM VEHICLE SENSOR INPUTS

- Record vehicle data synchronized and marked in video

WIRELESS CAPABILITY

- Auto-download via Wi-Fi for quick and wireless video retrieval

CELLULAR CONNECTIVITY

- Stream live video and track vehicles in real-time

SYSTEM HEALTH REPORTS

- Receive email alerts on system health status

Observer™ 4112 HVR

and paratransit

*Recommended for fleet vehicles, vans,







GPS Tracking





Triggered **Events**



Wireless Downloading

RECOMMENDED FOR SOLUTIONS UP TO 12 CAMERAS

HIGH DEFINITION TECHNOLOGY

- Capture clear video evidence on all channels for quality that matters

HYBRID VIDEO TECHNOLOGY

- Upgrade to high definition cameras at your own pace

HIGH CAPACITY STORAGE

- Store up to 2 TBs of high definition recorded video

PASSIVE GPS TRACKING

- Record vehicle's speed and entire route traveled synced with video

CUSTOM VEHICLE SENSOR INPUTS

- Record vehicle data synchronized and marked in video

WIRELESS NETWORKING

- Auto-download via Wi-Fi for quick and wireless video retrieval

SYSTEM HEALTH REPORTS

- Receive email alerts on system health status



The 4112 HVR is our most widely used HD recorder that never fails to perform, offering anywhere from 25-50% reduction in cost of the overall solution compared to an all IP based system.

Observer[™] 4116 NVR Recorder







Wireless & Cellular





Event Marking

RECOMMENDED FOR SOLUTIONS UP TO 16 CAMERAS

POWERFUL HIGH DEFINITION SURVEILLANCE

- Capture premium quality images with superior clarity in full high definition resolution

MASSIVE STORAGE CAPACITY

- Dual drives for double the storage space

PASSIVE GPS TRACKING

- Record vehicle's speed and entire route traveled synced with video

CUSTOM VEHICLE SENSOR INPUTS

- Record vehicle data synchronized and marked in video

WIRELESS NETWORKING

- Auto-download via Wi-Fi for quick and wireless video retrieval

CELLULAR CONNECTIVITY

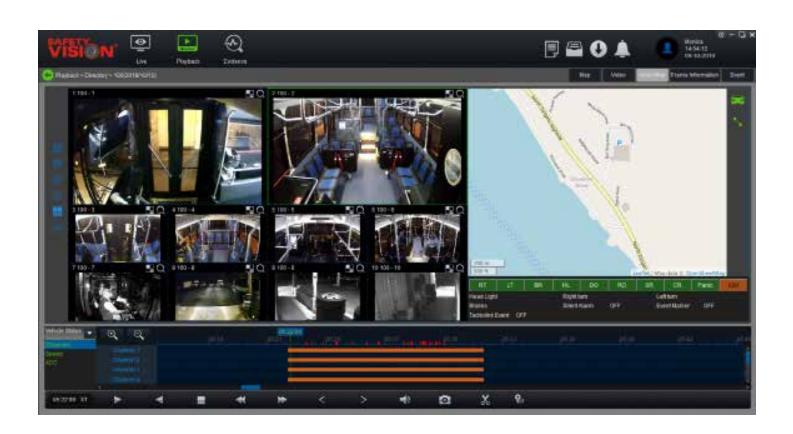
- Stream live video and track vehicles in real-time

SYSTEM HEALTH REPORTS

- Receive email alerts on system health status

NEXT GENERATION

- Upgrade to new IP technology for top quality performance



RoadRecorder® 9000









Resolution





Up to 8 TB Storage

RECOMMENDED FOR OPEN ARCHITECTURE SOLUTIONS

OPEN PLATFORM HARDWARE & SOFTWARE

- Integrates with most enterprise-level open VMS platforms

SUPERIOR HIGH DEFINITION SURVEILLANCE

- Achieve maximum level of detail and clarity available with resolutions

UNIFIED SECURITY SOLUTION

- Unify mobile video with IP fixed surveillance, access control, and other systems to manage all operations within a single VMS

FUTURE PROOF

- Interchangeable from Linux OS (proprietary) to Windows OS (non-proprietary)

VIDEO ANALYTICS TECHNOLOGIES

- Integrate facial recognition, people counting, object detection, automatic license plate recognition, and much more

BUILT-IN WIRELESS MODULE

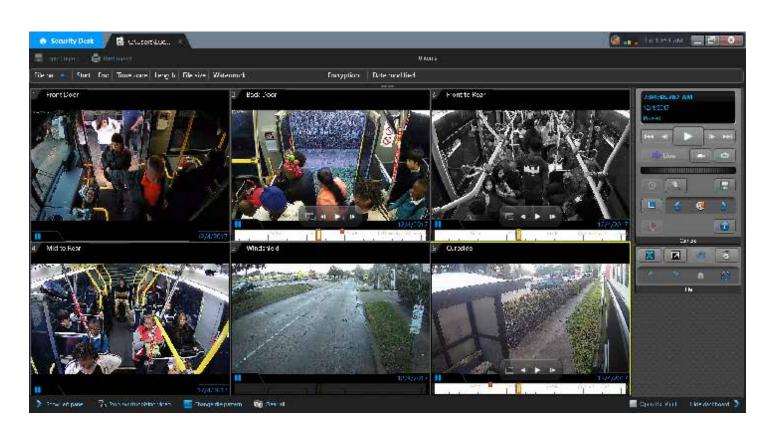
- Powerful wireless network card eliminates the need for an additional Wi-Fi component - compatible with both Linux and Windows OS

CELLULAR CONNECTIVITY

- Stream live video and track vehicles in real-time

INTERNAL BACKUP BATTERY & POWER SUPPLY

- Minimizes the need for additional external components, reducing points of failure





41 AHD Series Cameras







Built-In Microphone



Analog High Definition (AHD)



Vibration and Tamper proof



Day/Night Performance

RECOMMENDED FOR INTERIOR AND WINDSHIELD CAMERA **PLACEMENT**

HIGH DEFINITION PERFORMANCE

- Record sharper images at an affordable price

BUILT-IN MICROPHONE

- Capture clear audio synced with recorded video

MINI-DOME DESIGN

- Maximize available space with camera's compact size

NIGHT VISION

- View video no matter the time of day or lighting condition

MOBILE-RATED HOUSING

- Vibration-proof and tamper-resistant enclosure

THREADED COLLAR CONNECTORS

- Cables screw-lock to form a solid connection



Our most cost-effective camera

630 HD Camera





Built-In

Microphone



Performance



Threaded Connectors

ULTRA WIDE VIEWING ANGLE

CAMERA PLACEMENT

- Provides a view three traffic lanes wide behind the vehicle

RECOMMENDED FOR EXTERIOR AND REAR-VIEW

HIGH DEFINITION PERFORMANCE

- Record sharper images at an affordable price

BUILT-IN MICROPHONE

- Capture clear audio synced with recorded video

NIGHT VISION

- View video no matter the time of day or lighting condition

HEAVY-DUTY RUGGED HOUSING

- Strong and reliable durability for long-lasting performance

THREADED COLLAR CONNECTORS

- Cables screw-lock to form a solid connection



650 FHD Camera





Wide Angle



OMPH

Built-In Microphone



Day/Night Performance



Threaded Connectors

RECOMMENDED FOR EXTERIOR AND REAR-VIEW CAMERA PLACEMENT

WIDE FIELD OF VIEW

- Complete coverage behind the vehicle

HIGH DEFINITION PERFORMANCE

- Record sharper images at an affordable price

BUILT-IN MICROPHONE

- Capture clear audio synced with recorded video

NIGHT VISION

- View video no matter the time of day or lighting condition

HEAVY-DUTY RUGGED HOUSING

- Strong and reliable durability for long-lasting performance

THREADED COLLAR CONNECTORS

- Cables screw-lock to form a solid connection

SV-EXTCAM-HD







Wide Angle



Built-In Microphone



Day/Night Performance



Threaded Connectors

RECOMMENDED FOR SIDE-EXTERIOR CAMERA PLACEMENTS

ULTRA WIDE VIEWING ANGLE

- Enhanced view of vehicle side-exteriors

HIGH DEFINITION PERFORMANCE

- Record sharper images at an affordable price

BUILT-IN MICROPHONE

- Capture clear audio synced with recorded video

NIGHT VISION

- View video no matter the time of day or lighting condition

HEAVY-DUTY RUGGED HOUSING

- Strong and reliable durability for long-lasting performance

THREADED COLLAR CONNECTORS

- Cables screw-lock to form a solid connection



42 Series IP Camera



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High Definition Resolution



Day/Night Performance



Waterproof Housing



Vibration and Tamper proof

RECOMMENDED FOR SIDE-EXTERIOR CAMERA PLACEMENTS

HIGH DEFINITION RESOLUTION

- Extremely crisp images with outstanding zooming capabilities

DUAL STREAMING

- Record high definition on one stream while live viewing lower resolution on the other to reduce transmission costs

NIGHT VISION

- View video no matter the time of day or lighting condition

ONVIF (OPEN NETWORK VIDEO INTERFACE FORUM) SUPPORTED

- Complies with ONVIF's communication protocols

HEAVY-DUTY WATERPROOF HOUSING

- Excellent durability in all types of environmental conditions

H.265 VIDEO COMPRESSION

- High quality video with smaller file sizes and significantly lower bandwidth

Safety Vision 360° Camera





360° Field of View



Built-In Microphone



Up to 4k Resolution



Day/Night Performance

RECOMMENDED FOR INTERIOR CAMERA PLACEMENTS

BIRD'S-EYE VIEW

- Capture multiple interior views with just one camera

ULTRA HIGH DEFINITION RESOLUTION

- Maximum level of detail and clarity available for superior high definition surveillance

PANORAMIC IMAGING

- Provides 180-degree and 360-degree panoramic view for full range of video scene

NIGHT VISION

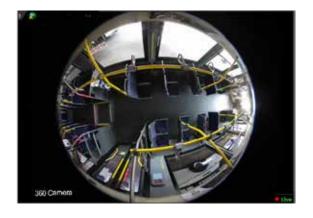
- View video no matter the time of day or lighting condition

BUILT-IN MICROPHONE

- Capture clear audio synced with recorded video

LENS SIZE OPTIONS

- Choose from either 6mp or 12mp lens sizes





Safety Vision's FREE PILOT Program

Request Your FREE, Customized Pilot System Today!

Deter Vandalism and Crime Enhance Safety Reduce Financial Threats

Increase Driver Visibility Protect Vehicle Assets Improve Driver Performance

Discover the benefits and positive impact of what mobile video surveillance can do for your fleet. At zero cost, you can enroll in our 30-day pilot program and receive a customized system to demo on your vehicle. See, first-hand how our systems can make your daily fleet operations more effective and efficient.

Get started now by visiting http://www.safetyvision.com/free-pilot

System Accessories

Equip your video recording system with a variety of beneficial accessories to perfectly assemble a custom-tailored solution.

Awareness Monitors

Compatible with: All Safety Vision recorders and competitor's recorders

- Interior monitor showcases advanced security watching over passengers
- Allows for display of advertisements, public service announcements and more
- Metal housing and bezel front panel available for resistance against vandalism and other hard strikes
- Available in 10", 12", 15", 17" and 21.5"

CP4 Touch Screen Monitor

Compatible with: All Observer series of recorders

- 7-inch screen
- Live camera views, video playback, built-in speakers, and multiple screen modes
- Integrated panic button
- HVR configuration menu controls





Panic / Event Button

Compatible with: All Observer series of recorders

- · Mark critical events
- LED system health status display
- Convenient driver access
- Recording status display









System Accessories

Equip your video recording system with a variety of beneficial accessories to perfectly assemble a custom-tailored solution.

LCD Control Panel

Compatible with: RoadRecorder 9000

- System status display module
- · Provides advanced functionality with NVR
- Integrated event button
- View alarm logs such as events or errors



Lock Box

Compatible with: Observer 4000 and Observer 4112

- 16-gauge tamper resistant steel
- · Cooling fan to keep air running through the enclosure
- · Key locked hinged front door
- Interlocking top for added security; top removes easily for servicing



UPS Back-up Battery

Compatible with: Observer 4000 and Observer 4112

- Allows recorder to gracefully shutdown in the event of complete power loss
- Lasts for approximately 40 minutes when vehicle loses power
- · Compact and lightweight design
- Easy flat-mount installation





Safety Vision's Cloud Services is our subscription-based solution for managing and hosting your data. We alleviate your need to devote time and money to administer and develop your data assets and are engineered to your operations.

OUR CLOUD SERVICES:

SAFETY & SECURITY - OUR #1 PRIORITY

- 24/7/365 access to video
- 99.9999999% uptime rating so your data is always available
- Compliant to your core security requirements**

COST SAVINGS

- · Reduce IT cost and overhead
- Low capital expense
- No cost for server license or software upgrades

FLEXIBILITY

- Scalable to your organization's needs whether it be event-based or complete archives
- · Add vehicles as you go
- · WiFi and/or cellular network required

**ASIP HDS [France], C5 [Germany], Cyber Essentials Plus [UK], DoD SRG, ENS High [Spain], FedRAMP, FIPS, IRAP [Australia], ISO 9001, ISO 27001, ISO 27017, ISO 27018, K-ISMS [Korea], MTCS [Singapore], PCI DSS Level 1, SEC Rule 17-a-4(f), SOC 1, SOC 2, SOC 3, TISAX, Argentina Data Privacy, BC FOIPPA, CCPA, CISPE, CLOUD Act, FERPA, GDPR, GLBA, HIA [Alberta, Canada], HIPAA, HITECH, IRS 1075, ITAR, NB PHIPAA [New Brunswick], PDPA - 2010 [Malaysia], PDPA - 2012 [Singapore], PHIA [Nova Scotia, Canada], PHIPA [Ontario, Canada], PIPEDA [Canada], Privacy Act [Australia], Privacy Act [New Zealand], Spanish DPA Authorization, U.K. DPA - 1988, VPAT / Section 508, CIS, CJIS, CSA, EU-US Privacy Shield, FFIEC, FISC, FISMA, G-Cloud [UK], GxP (FDA CFR 21 Part 11), ICREA,MITA 3.0, MPAA, NIST, Uptime Institute Tiers, UK Cloud Security Principles





CLIENT SUPPORT

The Client Support team serves as the voice of Safety Vision; ensuring an optimal experience through the entire client relationship. They interact with every department in the company to accommodate your needs and deliver on every inquiry or request. Whether you want to place an order, would like more information on a product, or anything in between; our team is here for you.



Our Tech Support team provides training, problem solving, and instruction on all of our solutions and is available to speak with you on the phone (713-929-1164) from the hours of 7AM-6PM CST. The team guarantees to respond within one business day and ensures you are fully equipped to understand and utilize our products to their maximum capabilities. They're dedicated to educating you on our solutions step-by-step and are always available to trouble-shoot any of our solutions.



SALES SUPPORT

Our sales team brings the promise of our solutions to fruition. The Account Executives seek out individuals from various industries to learn what transportation surveillance issues they face and provide feature-rich technology to conquer these difficulties. As experts in the industry, they're prepared to offer up the best solutions that cater to your specific needs.



PRODUCT DEVELOPMENT

Behind our solutions is the Product Development team who consistently enhances our state-of-the-art products. They study the marketplace for the most technologically advanced products. The team communicates with our clients to learn what innovations can allow them to maximize our solution's performance and put these enhancements into place.

Key Industry Markets



MASS TRANSIT

The solutions for mass transit offer increased safety and heightened awareness for passengers and drivers. Our cameras and recorders work together to capture every angle in and around the vehicle for the entire route. Our suite of products are future-proof, user- and budget-friendly, and offer a variety of accessories to meet your needs.



FIRST RESPONDERS

With as much as First Responders do, Safety Vision is driven to alleviate the pressure of managing multiple surveillance systems. Our solutions are guaranteed to offer unified security, empower responders to be proactive in the chain of events that follow an alert, and provide full documentation of the transition to and from the scene.



TRANSPORTATION

Increased student safety is a crucial motivator in developing solutions for pupil transportation. Our systems are built to solve a number of hardships faced in the industry including, enforcing stop-arm violation laws, heightened on-board security, and safely maneuvering the vehicle.



ON AND OFF HIGHWAY TRUCKS

Protecting your investment is a primary focus of the solutions we offer for tractor trailers. Our products provide total coverage surveillance for your vehicle. In our cost-effective system you gain extensive security, collision avoidance, a complete view of your vehicle, and can reduce liabilities.



LAW ENFORCEMENT

The products created for law enforcement provide comprehensive solutions for the large amount of difficulties officers face; in a unified system. Not only do our products streamline video recording and downloading, but they minimize the stress of maintaining multiple surveillance systems by integrating in-car systems and body cameras together.



TOWING & RECOVERY

The innovative and heavy-duty solutions created for tow and recovery provide crystal clear views of the entire area surrounding the vehicle and allow you to reap the benefits of safely protecting your investment at a budget-friendly cost. With just one purchase you can enhance driver visibility, have indisputable evidence for court, and optimize operational efficiency.



Key Industry Markets



FIRE / ARFF

The solutions created for fire-related emergency responders provide heightened awareness in their fast-paced lifestyle. Our durable, weather-proof cameras allow the drivers to quickly get to their destination while significantly improving public alertness; keeping an eye on their surroundings in-route to and from

the scene has never been easier.



ARMORED VEHICLE

Armored vehicles house extremely valuable cargo which requires topnotch surveillance and security for the assets and driver. With this in mind, Safety Vision has created a comprehensive solution that protects the inventory and driver through continuous recording, GPS tracking, and on-board live look-in.



INMATE TRANSPORT

Protecting the corrections officers is imperative to the solutions created for inmate transportation. Our systems offer complete visual and audio recording in and around the vehicle, geo-fencing, and live lookin ensuring any conversations or movement is documented.



HEAVY DUTY VEHICLES

Heightened awareness and improved total visibility are vital components when Safety Vision designed our heavy-duty vehicle solutions. Our durable and long-lasting exterior cameras provide complete vehicle coverage for maneuvering the surrounding area, maintain continuous recording for incident reporting, and enhance driver safety through increased awareness.



WASTE / REFUSE

The foundation of waste and refuse vehicle solutions are heightened surveillance and security. Our durable products provide precise and broad views of the area in and around the vehicle and are built to optimize productivity, validate driving routes, and increase driver visibility.



CONCRETE MIXER

The heavy-duty solutions created for concrete trucks enhance driver visibility surrounding the truck; ensuring they off-load the concrete in the appropriate spot and increase the overall safety of everyone involved. The on-board software continuously records entire shifts which reduces room for error and equips you with irrefutable evidence to dispute false claims.



About Us

Your Mobile Surveillance Solution Company

With more than 27 years of experience, Safety Vision,LLC is one of the most recognized partners for advanced mobile video surveillance products. We pride ourselves on comprehensive solutions, future-proofing our products, and serving the needs of our clients. In turn, we have proven results in simplifying surveillance systems and strengthening transportation safety.

Our solutions are geared towards maximizing operational efficiency, increasing driver awareness, unifying surveillance systems, protecting assets/cargo, and most importantly – enhancing safety for drivers and riders. These core values stem from our commitment to problem solve the challenges that come with transportation. We consistently communicate with our clients to learn what their hardships are and develop or enhance our products based on those insights. It is our goal to eliminate or decrease the number of issues our customers face.

Our Industries

Since 1993, we have sold over a billion dollars in mobile surveillance products to a wide variety of industries. These include mass transit, law enforcement, student transportation, commercial vehicles, and more in both public and private sectors. While the purpose for purchasing our products vary between each industry, the decision to choose Safety Vision as your vendor remains the same: we deliver on our promise to accommodate your transportation difficulties with user- and budget-friendly remedies.

Your Visionaries

Headquartered in Houston, Texas, our personnel of over 100 employees is highly driven and knowledgeable. All of our departments are hands-on and passionate about advancing our solutions to ensure we produce top-quality products. Our 40,000 sq. foot building is equipped with an expansive warehouse that houses over \$15 million dollars of inventory. Our Visionaries are dedicated to working hard and find reward in our day-to-day operations. With over a dozen nationwide satellite offices and 6 international locations, we are quickly expanding our business to provide solutions worldwide.

To learn more about our solutions and how we can tailor our products to meet your needs, request more information at www.safetyvision.com or call 800-880-8855 today!

"Safety Vision started when the mobile video camera business was in its infancy. We've matured with the industry and today offer the most technologically advanced yet user friendly fleet vehicle camera systems available. For 27 years, we've been helping businesses like yours save money and lives. Business doesn't get more important than that."

-Bruce Smith, President and CEO Safety Vision















Servicing Our Customers
World Wide

For More Information Please Contact
One of Our
Expert Account Representatives

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