



DigitalSafety  
Technologies



# DigitalPatroller3 Product Features For Version 2.1M2

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## DP3 Version 2.1M2 Product Features

Welcome to DP3 from Digital Safety Technologies. The DP3 system sets the standard in Future-Proof™ engineering, which guarantees that your Mobile Digital Video investment will continue to keep pace with new technologies as they become available.

Our goal is to continue to develop the most rugged and dependable mobile digital video solutions for public safety. We are proud of our record of continuous product improvement and strive to meet the needs of our large and diverse customer base.

It's a simple law of physics: *Equipment that has moving parts will eventually fail.* The core DP3 system consists of solid-state components that have no moving parts. As a result of this smart design, your Future-Proof DP3 equipment should provide you with reliable service and up-to-date features for many years.

## What's New with release 2.1M2

### **More cameras**

DP3 supports zoom control for two cameras and with the purchase of an extra encoder, supports up to four cameras in a vehicle.

### **LCD monitor brightness controls**

The LCD Monitor now automatically adjusts for ambient lighting.

### **Configuration improvements**

All Back Office Services and Configurations are now able to use DNS names, instead of static IP addresses.

### **New file retention features, moves now supported**

Improvements in the Retention subsystem, including automatic rule-based file moves and rules that can handle unclassified incidents.

### **Better storage management**

More options for multiple network storage locations.

### **DVD Authoring**

New ability to burn multiple evidence discs at the same time. Additional new templates. Ability to burn DVDs at your desk. Centralized processing of video jobs reduces loading on the local client.

### **Wireless docking with your MDT laptop**

MDT laptops with wireless access can now perform wireless docking.

### **Video Streaming**

New ability to stream live images from any vehicle to the back office.

## What is Future-Proof™ Design?

Future-Proof design provides the ability to integrate new technologies into existing equipment.

The Future-Proof design philosophy is simple:

- **Design hardware with plenty of headroom for upgrades.** The LCD monitor and the DVR are both computers, engineered with room to grow.
- **Design your system around widely accepted technology.** This ensures that the system building blocks will be around for a long time.
  - In the vehicle, the DP3 system uses proven network technology for control and communication. Data is stored using the latest H264 compression.
  - The back office runs on Windows and uses Web browsers to access the data and control the system.

With each new DP3 version release, you get useful new features and capabilities.

## System Overview

The DST DP3 system is an integrated third-generation digital video recording, transfer and storage system for public safety applications. System design is guided by feedback from a large customer base.

The controls in the vehicle and in the back office are intuitive, making it easy to record, find and manage your data. The DP3 solution sets the standard in evidence management, enabling easy Web access to evidence while maintaining a complete vehicle-to-browser chain of custody record.

Departments will benefit from the DP3 solution because DP3 has:

- Reliable solid-state hardware technology with no fans or moving parts of any kind.
- Web-based evidence management with no extra software to install on client machines. Users can retrieve incidents and author evidence for courtroom presentation from anywhere with Web access.
- File security. When viewing incidents or authoring a DVD, incident files remain on the back office servers and are never downloaded to a client machine.
- Web-based administration.
- Intuitive user interfaces.
- Ultra-secure evidence management and comprehensive chain of custody reporting.
- Evidence transferred on removable storage is in a format that cannot be easily viewed in the transfer format.
- Remote access technology for servicing equipment in-place.

## Mobile Digital Video Recorder

With easy mounting options in the vehicle cabin or in the trunk, the DP3 digital recorder uses H.264 compression to deliver high-quality audio and video while conserving disk space.

The high-speed industrial solid state drive provides a major improvement over second generation equipment that still uses much slower spin drives, USB drives, or slower SSD technology for storage. With DP3, you won't lose evidence in a crash because the mechanical hard drive skipped.

### Other features include:

**Waterproof cabling:** All the peripheral equipment installed in the vehicle connects to the waterproof marine rated connector slots at the back of the DP3 DVR unit.

**Sealed, ruggedized solid state construction:** No fans, no air vents, no holes.

- The unit is waterproof to three feet submersion.
- DVRs may be equipped with a 32GB or a 64GB solid state hard drive.
- Cast aluminum case.



**DP3 Digital Video Recorder**

**Processing capability:** The DVR is designed with future processing demands in mind. The processing capability combined with the industrial high-speed Solid State Drive enables support for more cameras, microphones and other peripherals without degradation of performance while maintaining a low power profile.

**Tamperproof design:** Your evidence is physically protected on the DVR's solid state storage drive, that is located inside of the sealed, ruggedized cast aluminum case. Offloaded files are subjected to 256 bit encrypted validation, resulting in file security that cannot be violated with current technology. **Note:** Current NSA estimates predict that the data will be secure for the next 10-15 years using this method of encryption.

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## Encoder

**Highly accurate GPS:** The DVR accepts highly accurate SBAS compliant GPS signals, which means that it is compatible with both the North American WAAS and the European EGNOS.

**Heavy-duty back-up power supply:** Voltage levels of both the vehicle battery and the back-up battery are continuously monitored. As soon as the main power supply goes outside of the acceptable power range, the back-up power supply provides emergency power. If power levels ever reach a critical point, the system shuts down gracefully, ensuring that no data is lost.

**Tracking and Reporting DVR Internal System Information:** The DVR monitors and logs its status using internal sensors for temperature and voltage. Problems are reported immediately.

**Off-network docking:** Offload evidence from the DVR to any USB device or SD card when wired or wireless docking options are unavailable.

**Troubleshooting and Remote Access to the DVR:** If you experience a problem with a DVR, DST Support has special tools for remotely accessing the DVR, examining its condition and in many cases, fixing the problem on the spot.

**Designed and assembled in the United States:** Designed in Research Triangle Park, North Carolina specifically for public safety applications. Assembled and tested in an ISO 9001 compliant manufacturing facility located in the USA.

## Encoder

The Encoder is a device that converts analog camera and microphone signals into digital streams, and then sends the digital streams to the DVR.

Most other companies embed their encoders in the same enclosure as their DVRs. DST made a strategic decision to use a separate encoder unit for three reasons:

**Support for legacy units:** The Encoder has plugs that fit older model DP-2 cameras and microphones. This enables our existing customers to upgrade to the DP3 system and reduce cost by keeping their existing cameras and microphones.

**Supports our Future-Proof™ design philosophy:** Future encoder technologies can be readily adapted without changing the DVR. High-Definition IP Cameras plug directly into the DVR without the need for an encoder.

**Saves money and provides scalability:** The DP3 system supports up to four cameras in a vehicle. This configuration requires two encoders. If you only need two cameras in the vehicle, you save money because you don't have to buy a second encoder. You can also add new encoders and cameras to your system at any time.

## LCD Monitor

The LCD monitor is a resistive TFT touchscreen Intel Computer. The LCD is one of the options that you can use to control the DP3 in-car system.



### LCD monitor

The LCD has many features that make it easy to use:

- Auto-completes and auto-corrects keyboard input.
- Self-trains to present most frequently selected states, colors and vehicles, enabling fast data entry.
- Presents a thumbnail slideshow to help identify an incident for playback.
- Supports gesture-type selections for camera switching and scrolling.

### Troubleshooting and Remote Access to the LCD

If you experience a problem with an LCD, DST Support has special tools for remotely accessing the LCD, examining its condition and in many cases, fixing the problem on the spot.

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## LCD Monitor

### **LCD Monitor Chassis Features**

The LCD monitor enclosure is made of a heavy-duty cast aluminum alloy. The control buttons on the front of the unit provide positive tactile feedback when pressed. A sensor on the front panel controls screen brightness, providing optimum illumination through a wide range of lighting conditions.

### **Additional LCD Features**

- The LCD can monitor live audio channels from wireless Mics outside of the vehicle
- During playback, the LCD can pair any video channel with any audio channel.
- Login is optional. Where login is desired, the system can retain an officer's user ID across sessions.
- Supports high-speed wireless and off-network docking.
- Automatically adjusts for ambient lighting.
- Enables docking with both USB storage and SD cards.

## MDT Laptop Monitor Application

You can use a laptop computer in the vehicle to control your DP3 system, classify video incidents and dock evidence. DST recommends that you use a laptop that is ruggedized and has touch screen controls.



### MDT laptop monitor application

No client software installation is required on the MDT; the in-vehicle control system uses a Web browser such as Microsoft Internet Explorer and Mozilla Firefox.

The MDT user interface is optimized for touch screens, but will also work with laptops that do not have touch screen capability.

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## Zoom Cameras

### **MDT Features:**

The **Mini MDT** button shrinks the application to a narrow strip that contains the control buttons. This provides you with room to run other applications on your desktop while still maintaining control over your in-vehicle network.

**Automatic wireless docking:** For laptops that have wireless Web access, you can offload video automatically when the vehicle enters an authorized wireless hotspot.

**Full Featured Review:** Review mode has tabs that enable you to enter any information that you need to associate with the incident, including classification, subject, vehicle, ticket number, notes and more. Can be configured so that Review mode opens automatically when recording stops.

**Classify during record:** Update an incident while it is still recording.

### **MDT Software Upgrades in the Vehicle**

The major advantage of using browser technology is that updates to the DP3 In-Car application are automatic.\* System updates are passed to the DVR during docking. Updates to the laptop are not required. \*Exceptions may apply if used for live streaming.

## Zoom Cameras

The DP3 system supports the simultaneous use of up to four cameras. Two of the cameras can be zoom cameras. DST offers two zoom cameras, a 22x zoom camera, and a 27x zoom camera. Both cameras are ruggedized, high-resolution (720x480), software-controllable cameras.



**Color 22x  
Zoom Camera**



**Color 27x  
Zoom Camera**

Both cameras feature:

- Automatic white balance, focus, exposure, back-light compensation.
- Blinder LED, activated during recording, visible only to subjects within the camera field of view.
- Smart internal software, which detects different lighting conditions and continually adjusts to get the best possible view of details, such as license plates.
- Programmable "license" feature that zooms in on a license plate. The function can be set to trigger on a combination of events, such as "lightbar on" and "door open."

## Low-Light Prisoner Camera

The low-light Prisoner Camera is a rugged, composite color video camera that has infrared LEDs to enable video capture in any lighting condition. This camera is used to monitor the passenger or rear seat of the vehicle.



**Low-light Camera**

## DP3 Microphones - Overview

The DP3 system supports up to four Wireless Microphones and two In-Vehicle microphones.

### Enhanced Wireless Microphone

The 2.4 GHz Enhanced Wireless Microphone, or "Mic," has a maximum line of sight range of 1,200 feet.



**Enhanced  
Wireless  
Microphone**

### In-vehicle Microphone

The in-vehicle microphone comes standard with each DP3 DVR. This small, easily hidden microphone is used to capture audio in the vehicle cabin. This Mic is usually installed along with the optional DP3 prisoner camera.



**In-vehicle Microphone**

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## GPS Module

The DP3 In-Vehicle system uses the most advanced GPS tracking technology that is available for civilian use. The GPS data stream is part of the metadata that the system displays during video playback.



### **DST GPS Module**

The DP3 GPS module is more than just a GPS antenna; it is a full NEMA 183 compliant 22 channel GPS receiver. The system is compatible with both North American WAAS and European EGNOS formats.

## File Integrity of Digital Streams

The DP3 system is designed for file security. In addition to validating files with 256-bit encryption, the system also employs special proprietary techniques and redundant safeguards to ensure file integrity.

During docking, every file on the DVR is checked, or “hashed” to make sure that the file that arrives on the Docking Server is identical to the file that is on the DVR. Hash verification is also performed anytime that data is relocated in the system.

## Data Transfer System (Docking)

The DP3 system is engineered for fast and secure docking. The high-speed solid state storage drive on the DVR enables the fastest docking speeds available. Although video is encoded on the DVR using the standard H.264, file security is ensured by enclosing files in a proprietary file container, ensuring that stored files are only readable using a DP3 browser interface.

## Docking Overview

With an LCD monitor installed, the vehicle can dock using any or all types of docking:

- Wireless Docking
- Wired Docking
- Removable storage card docking with USB sticks or SD cards

With an MDT laptop, the vehicle can dock using the following two options:

- Wireless Docking with an optional wireless bridge, or some other form of Web access.
- Wired Docking.

During docking, the system validates each file using a technique known as “hashing.” The hash process ensures that each docked incident is identical to the original recorded incident.

The DP3 system is designed to handle partial or incomplete docking sessions. If for any reason the docking session is terminated before file transfer is complete, the system detects it and immediately attempts to gracefully re-establish the connection. If the connection cannot be re-established, the DVR will only erase incidents that were successfully transferred to the Docking Server.

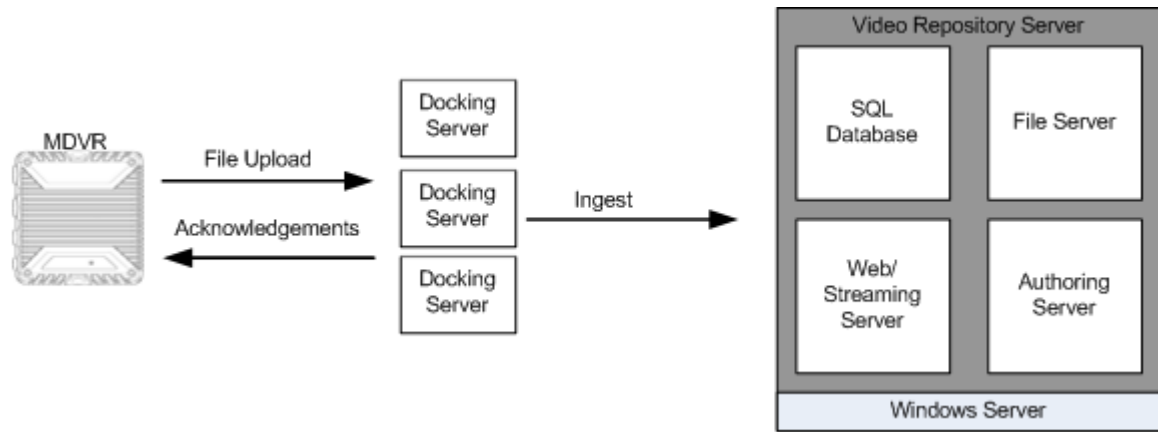
## Docking Server

# Docking Server

The system of Docking Servers provides a gateway to the back office by managing file transfers between DVRs in vehicles and the Video Repository Server (VRS).

When files are uploaded, they are not removed from the DVR until an authenticated response is received from the Docking Server.

Docking progress is displayed for the officer in the vehicle through either the LCD or the MDT. Docking progress is also available to the System Administrator on the back office side using the *Docking Server Monitor*.



From the Docking Server, the files are ingested into the VRS and stored. The VRS resides on a Windows Server platform and uses an SQL database for data management.

### DP3 Docking Components

## Tools for Visualizing the Docking Process

- The DP3 system provides both vehicle-side and server-side real-time progress indicators during docking.
- Estimated docking finish time is displayed on both the MDT and on the LCD monitor. This enables the officer who is docking to manage his or her docking time more effectively.
- For the System Administrator, the *Docking Monitor* provides a live dashboard of all docking activity for a particular Docking Server.

### Viewing docking progress in the vehicle with the MDT

While docking is active, the officer's laptop MDT shows a progress bar at the bottom of the screen that provides a running estimate of how long it is going to take to dock.



### Docking Progress Bar with time remaining and % complete estimates

### Viewing docking progress in the vehicle with the LCD

While docking is active, the officer's LCD monitor presents a status box that lists docking progress.



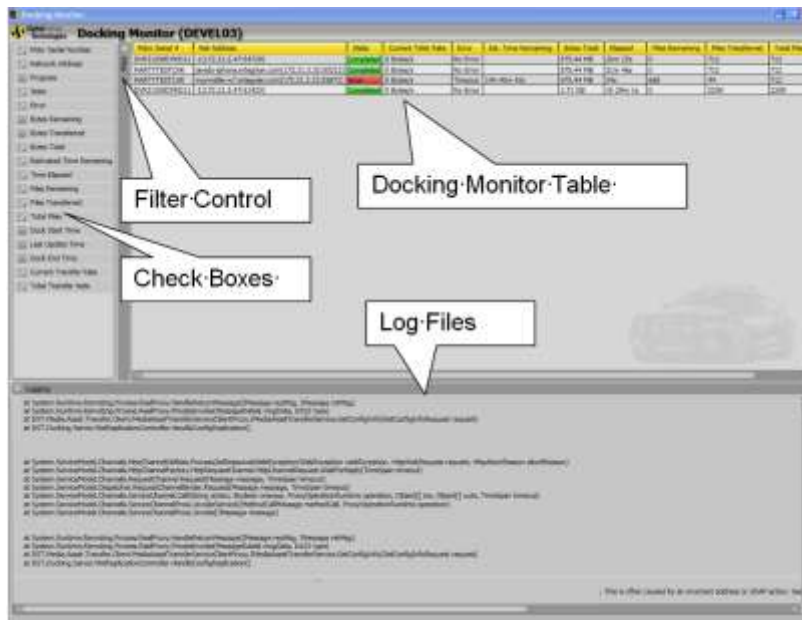
LCD status box shown during docking

The status box provides % completed and estimated time in hours, minutes and seconds before docking is finished.

### Viewing docking progress in the back office with the Docking Monitor

The Docking Monitor is a tool for System Administrators. The Docking Monitor is installed on the Docking Server and provides real-time docking information for each vehicle that is docking. Some of the statistics available for viewing are estimated time remaining, current transfer rate in Mb/sec, total transfer rate and bytes transferred.

The operator can select the columns that they want to view using check boxes.



Docking Monitor Display Screen Features

## Wireless Docking

Wireless Docking is performed using the LCD Monitor, or with an MDT that has a wireless card. The system uses the 802.11a/b/g/n wireless data transfer protocol. When using the 802.11n protocol, the system can broadcast on either the 5.0GHz or the 2.4GHz band. The LCD Monitor is optimized for maximum performance with dual high bandwidth MIMO antennas.

In a typical DP3 wireless docking scenario, the officer enters a wireless docking zone and initiates a docking sequence by selecting the DOCK button. During docking, the LCD or the MDT provides visual feedback about docking progress. Wireless docking uses hashed validation to ensure file authenticity.

### “Hands Free” wireless docking

You can configure wireless docking so that docking initiates automatically whenever the vehicle enters the range of the wireless docking station. The docking process will automatically finish when the vehicle passes out of range and pick up where it left off the next time the vehicle comes within range again.

## Wired Docking

The Wired docking system consists of a Docking Station, most often located at police headquarters. The Docking Station contains weather-resistant wall or pole mounted cables that connect to the vehicle.

## Off-Network docking

The LCD Monitor supports docking using portable memory devices, including SD Storage cards, USB hard drives and USB memory sticks. This method of docking is referred to as “Off-network Docking”.

Off-network docking is done using the following process:

1. Officer plugs the memory device into the LCD or the black squid cable on the DVR and then selects the **Dock** button.
2. System copies all stored incidents on the DVR to the card.
3. Officer transports the memory unit to an off-network docking station, where the contents of the memory unit are uploaded to the Docking Server.
4. Officer returns the memory unit to the vehicle; plugs it back in and presses the **Dock** button.
5. System reads encrypted erase codes from Docking Server and erases the files that were successfully transferred to the Docking Server.

If the memory device is lost, the original data is not lost because it is still retained on the DVR. If the portable memory device is lost, the officer has several options:

- The Officer can dock again with another memory device and follow the same procedure for docking a memory device.
- The officer can perform a wired or wireless docking operation.

With either method, the original data on the DVR is retained until the DVR receives an authenticated message from the Docking Server, indicating that the files were successfully transferred.

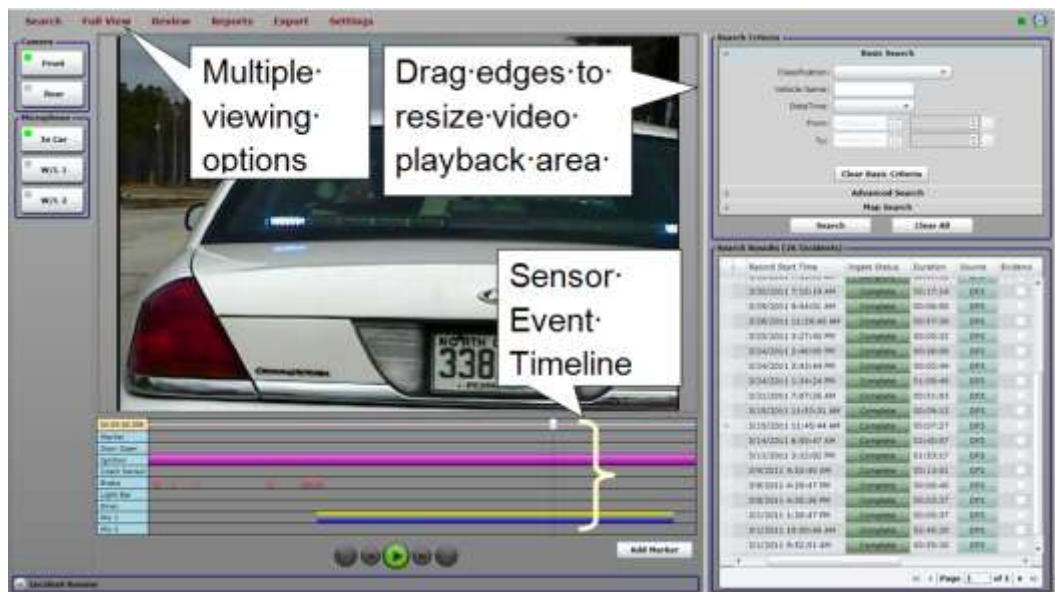
### **Incomplete Data Transfer**

The DP3 system is designed to handle docking interruptions gracefully. If a docking session must be terminated for any reason, such as because the Officer must respond to an emergency call, the officer can simply unplug the connection and leave the area. When the officer is ready to return, docking can resume normally.

## DP3 Video Evidence Reviewer (VER)

# DP3 Video Evidence Reviewer (VER)

The Video Evidence Reviewer (VER) is a software application for managing video evidence after it has been docked. VER operates inside of a Web browser. With VER, you can search for, view, edit and manage incident files from any computer that has fast Web access. Logons to VER and access to different types of video evidence are granted to system users through the Enterprise Admin client (EAC) user interface, also Web-based, which is a separate DP3 application reserved for System Administrators.



## DP3 Video Evidence Reviewer (VER)

### Features of the Video Evidence Reviewer System

The DP3 Video Evidence Reviewer or "VER" operates using a Web browser. This method of accessing video evidence is designed to provide the following benefits.

- **Convenience:** Authorized employees can access evidence from any location that has a computer with Web access.
- **Security:** During playback or review, no local copy of the video is made on the client machine; the video is always kept secure within the Video Repository Server (VRS).
- **No waiting time:** Video playback commences almost immediately.

The intuitive user interface enables you to take advantage of the following features with minimal training:

**Basic and Advanced Search:** You can search on practically any attribute that an incident has. Basic Search contains just the attributes that you use all the time to find an incident: date ranges, vehicle and classification. Advanced Search contains everything else: Officer Name, vehicle characteristics and subject characteristics.

**Custom classifications:** You can rename or create new classifications for your incidents. Changes are pushed to the vehicle during docking.

**Video Playback Controls:** You can jump to any point in an incident and start playing with one click on the video timeline.

**Marking and unmarking points of interest:** During playback, you can mark any point in the incident and add a note to each location that you mark. Markers can also be moved and deleted with the click of a mouse. Button controls enable you to instantly jump to any marker in the video timeline.

**Multiple Display Options:** You can work in any mode that suits your preferences:

- Search, playback and classify an incident in a single Web browser window.
- Expand to full screen Playback, or Review mode.
- Size your browser window and run other applications on your Windows desktop.

**Reports:** DP3 provides many useful database-driven reports. There are two different types of reports:

1. **System reports** that gather information across many incidents.
  - **Storage Utilization:** Lists all of the storage locations and how much storage space is used by incident files in VER.
  - **Racial Profiling:** Displays a bar chart of racial statistics about subjects involved in incidents.
  - **Docking:** Lists the docking history of vehicles in your fleet.
2. **Incident reports** that are specific to one incident.
  - **Chain of Custody Report:** Lists all of the actions taken on the incident that you have selected. The report covers what was done with the incident in the vehicle and the back office up to the present time.
  - **Validation:** Creates a validation document that proves that an incident is original and has not been tampered with. When you click on the button to generate the report, the system validates the incident by detecting any changes to an incident.

**DVD Authoring:** The DP3 system can produce video incidents on a DVD that can play on any DVD player, or produce Windows Media Video files that can play on most computers with standard video playing software. The system of producing DVDs is designed to maximize productivity and to provide the best possible presentation of the video event.

### Transferring Evidence to DVD

The Video Evidence Reviewer (VER) enables authorized users to burn evidence to disc. The process is fast, easy and secure. You can set policy to control:

- Which users can author evidence
- The physical location where the evidence can be burned.

The VER system provides flexible options in how disc authoring privileges are granted. Trusted users can burn evidence on their own computers, or incidents can be sent to a secure area to be burned.

The DP3 system outputs evidence files in two widely used formats:

1. You can export an incident to a DVD that can play in any DVD player, this is called an ".iso" file.
2. You can export an incident to a ".wmv" file format, which can be played on a computer that has media player software, including Windows Media Player, which is free.

### Why is DP3 the best system to burn DVDs?

The DP3 system helps to ease common DVD burning problems such as:

**Performance:** Processing a DVD puts a heavy load on a system. Users cannot perform any other work on their computer while the disc is compiling. This process can also take a long time.

- DP3 offloads the processing to one or more servers on your network. Users can continue to work while a disc is compiling.

**Security:** We have all seen leaked video footage on newscasts and U-tube. The footage was leaked due to security flaws such as uncontrolled access to source files.

- DP3 secures the files on the server. When local DVD burning takes place, files are automatically deleted from local machines.
- The Chain of Custody Report tracks system activity.

The system is ideal for agencies of all sizes. DST has experts who will work with you to understand your needs and provide a configuration that includes the features and functions that best fit your agency.

### Real Authoring Features

DP3 gives your users the ability to extract the relevant audio and video from an incident for the best possible presentation. Other systems have limited or no editing capabilities.

- Use markers to select the best part of the action for your presentation.
- Choose from multiple layouts for your presentation.
- Contextual data does not overlay the video clip.

### Streamlined DVD Burning

For users who just want to burn a disc containing the entire incident, DP3 provides an easy one-touch DVD authoring solution.

**Low Administrative Overhead – Nothing to Install**

Administering the DP3 System is a snap because there is no extra software to install. The Web-based system provides your department with flexible solutions for maximizing productivity. You can use any PC on your network to author a disc, regardless of whether it has a DVD burner or not. After an incident is produced, you can use any PC on the network that has a burner to burn the disc, or you can store the incident in the library until you need it. Users maintain productivity while the DP3 system works in the background to compile the incident.

**The Heart of the Solution – The Media Authoring Server**

The innovative Media Authoring Service™, or “MAS” enables the administrator to select the best machine on the network to process video authoring requests. The system works much the same way as sending print jobs to a printer. Users find the DP3 system easy to understand and use. Management understands the value of enabling users to keep working on their local machines while the MAS processes their DVD job requests.

Both the MAS and VER have job status windows that enable users to check the status of their job requests any time using the Web-based system.

Server Name	Submitted	Requester	Status	Duration	Percent Done	Detail Percentage	Detail Information	Job ID
mas-tynde-d755	11/2/2011 4:21:21 PM	aeffs	Queued	00:18:19.922	0.0%	0.0%	Initiating...	64446075-bd39-432f-a7db-ed70723b094
mas-tynde-d755	11/18/2011 11:17:32 AM	aeffs	WaitingForMedia	02:18:19.922	70.0%	100.0%	Iso Generation Complete	79126e0-fc1f-48e0-a964-5d264bf131a
mas-tynde-d755	11/17/2011 8:27:47 AM	aeffs	WaitingForMedia	00:11:11.994	70.0%	100.0%	Iso Generation Complete	a7783982-9efc-4986-b706-e4176ed2065
mas-tynde-d755	10/26/2011 8:21:40 AM	aeffs	WaitingForMedia	02:18:19.922	70.0%	100.0%	Iso Generation Complete	79a3ee9-eb40-4713-ae6c-16bc35ba3d4
mas-tynde-d755	10/19/2011 9:06:48 AM	Admin	WaitingForMedia	00:18:40.274	70.0%	100.0%	Iso Generation Complete	0909eb07-9284-4901-af0b-c1d8f940503
mas-tynde-d755	10/18/2011 4:55:16 PM	Admin	WaitingForMedia	05:08:40.374	70.0%	100.0%	Iso Generation Complete	d33b261-8e07-4a88-bc52-dc147564483a

**Check the status of your authoring jobs at a glance**

**Viewing Real-Time Images Streamed from a Vehicle**

You can now view streaming images from any vehicle in your fleet. With the optional real-time streaming feature, you can use your web browser to see live camera views from anywhere that has web access.

The number of frames per second that you receive depends on the speed of the network and equipment used.

The streaming application also provides live data feeds, including GPS location and DVR storage information.

## DP3 Administration (EAC)



Figure 1 In – Car streaming application

## DP3 Administration (EAC)

The Enterprise Admin Client (EAC) is a Web-based system tool that your system administrators use to manage the DP3 system, including incident retention, system users, vehicles, storage locations, and docking. The Enterprise Admin Client enables you to manage your system from any computer that has a broadband internet connection. Features include:

**Retention Policy Management:** Enables you to set rules that determine how long incidents are retained on the system before they are deleted. This feature also enables you to specify the storage location for any type of incident.

**System Security:** Enables you to add or remove users, manage viewing rights, grant access privileges and generate activity reports.

**List Management:** Provides you with the ability to customize incident classifications and other list names. With this feature, it is easy to change the name of a classification such as "DUI" to "DWI". The system is designed so that after the name change, the system will find both the new and the old names while executing a search.

**Storage Management:** Add, remove and manage Video Archive storage locations.

**Fleet Management:** The Fleet Management tool enables you to manage your fleet without the need to touch the vehicle. With the Fleet Management tool, you can push new configuration and software upgrades to the vehicle automatically.

**Audit log:** The Audit log provides a record of actions that were performed on the system. If an administrator changes a retention rule, for example, the audit log notes the change and makes all activity available in report form.

**Server Management:** Enables you to authorize disc burning devices.

## Reporting and Analysis

DST recognizes the value of data. The tremendous amount of data that the DP3 system collects can be organized into actionable information with unlimited possibilities. With the DP3 system, powerful data queries lead to problems solved and opportunities seized:

- We are accused of racial profiling in a lawsuit, but a simple data query showed the accusation to be false.
- Federal highway funding is available to fix dangerous intersections. We have the data to get the grant.
- A problem bar owner has his license up for renewal. We can show how many DUI stops were made within three blocks of his bar in the last year.
- We need a new patrol car. Now we can show the city council that each new patrol car brings in about 75K in extra ticket revenue per year.

While the above examples are hypothetical, the DP3 system has the ability to collect the data that you need to answer these types of questions. The robust SQL database is designed to accept complex queries and generate ad hoc reports that you can use to see the big picture and make informed policy decisions.

### Standard reports

Standard reports that come with the DP3 system are as follows:

- **Racial Profiling:** This report provides a graphical summary of the racial make-up of all incidents or by selected types of incidents.
- **Chain of Custody:** This report summarizes all actions performed on a particular incident.
- **Storage Utilization:** This report summarizes all DP3 storage locations and available disc space.
- **Validation:** This report provides confirmation that video footage recorded in a vehicle has not been altered.
- **Docking:** This report lists all vehicle docking events known to the database. The table can be exported to a spreadsheet for further analysis.

All reports can be printed and exported to a spreadsheet or to a .pdf file.

## DST DP3 Support

You can get support for DP3 equipment by calling or using email.

The DST support contact information is:

**Phone:** (800) 972-0373

**Fax:** (919) 627-6099

**email:** [support@digitalsafetytech.com](mailto:support@digitalsafetytech.com)

You can also get more product information and downloads on the DST Web site. Please call Support if you need a logon.

**Website:** <http://www.digitalsafetytech.com/>

## Contact Us

If you have any questions, or would like more information, please call or write.

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***Serving those who Protect and Serve the Public***