



**STATE OF TENNESSEE  
DEPARTMENT OF SAFETY & HOMELAND SECURITY  
REQUEST FOR INFORMATION  
FOR  
THP Body Camera & Pursuit Vehicle Video**

**RFI # 34901-00117**

**1. STATEMENT OF PURPOSE:**

The State of Tennessee, DEPARTMENT OF SAFETY & HOMELAND SECURITY (TDOSHS), issues this Request for Information ("RFI") for the purpose of identifying vendors who have the capacity, technology, and experience to meet operational needs for Field Trooper body camera and pursuit vehicle video for the Tennessee Highway Patrol.

Through this RFI, TDOSHS intends to elicit information on industry solutions that currently exist for body camera and pursuit vehicle video. TDOSHS will review responses to questions contained within this RFI, and intends to observe the functionality of the vendors' solutions in demonstrations and field testing. This information will assist in determining how TDOSHS will proceed in acquiring and implementing a new integrated body camera and pursuit vehicle video solution. This solution shall have the ability to meet the department's strategic vision; utilize modern technology; automate current manual (as is) processes; support future (to be) validated business processes; significantly improve efficiency, accuracy, security, and timeliness; provide resource and cost savings; and provide a complete solution for body camera and pursuit vehicle video.

We appreciate your input and participation in this process.

**2. BACKGROUND:**

The Tennessee Highway Patrol currently has a pursuit vehicle camera system using 89 Linux servers. The State would like to implement newer technology that will offer faster video download, eliminate the need for Troopers to go to district posts for download, address video storage issues, as well as provide integrated body camera video. Body cameras are necessary for Trooper protection as well as accurate and complete documentation.

**Why THP is seeking a new Body Camera & Pursuit vehicle video solution:**

- Existing technology is antiquated
- Hardware and software maintenance and support costs are high
- Would like to capture video in HD or higher resolution
- Would like to add integrated body camera solution
- Near capacity with current video storage solution
- Currently downloading video is a slow and labor intensive process that requires Troopers to visit district posts

### Current System Description:

- Supports 8 THP Districts
- Approximately 650-700 Troopers use the current system
- Approximately 82468.21 hours of video is currently stored
- A rough estimate of hours stored on the Agency server is between 28,075 hours and 32,853 hours of video encompassing Category 3, 4 and 5 video only
- Video is recorded in “D1” form (720x480, 30fps, high quality, 2 camera feeds with two audio inputs)
- Agency Server: This Server is located at the Department’s State Headquarters. Videos in categories 3, 4, and 5 (Arrest, Pursuit/Use of Force, and Significant Event) remain active for six (6) months on this Server. After six (6) months, the videos categorized with 3, 4, and 5 are archived from the Agency Server but may still be retrieved for up to four (4) years.
- Local Server: This Server is located at each THP Post/THP District Headquarters. Uploaded videos remain on this Server for ninety (90) days. After ninety (90) days, videos in categories 3, 4, and 5 (Arrest, Pursuit/Use of Force, and Significant Event) are automatically uploaded to the Agency Server. All other videos categorized with 1 and 2 (General and Crash) are purged from each Local Server after ninety (90) days.
- Currently the state uses Rimage and Bravo DVD & Blu-Ray duplicator units for video export requests and system backups.

### 3. COMMUNICATIONS:

3.1. Please submit your response to this RFI to:

Daniel Leeson  
Sourcing Account Specialist  
Central Procurement Office  
Department of General Services  
WRS Tennessee Tower, 3rd Floor  
312 Rosa L. Parks Ave., Nashville, TN 37243

Office (615) 253-4009  
Cell (615)-981-0933

3.2. Respondents should submit a file in PDF format to the contact and address above in 3.1.

3.3. Please reference RFI #, along with the company’s name clearly displayed on all pages regarding communications to this RFI.

### 4. RFI SCHEDULE OF EVENTS:

EVENT		TIME (Central Time Zone)	DATE (all dates are State business days)
1.	RFI Issued		January 30, 2017
2.	RFI Response Deadline	2:00 P.M.	February 28, 2017
3.	Review Responses and Schedule Demos		March 31, 2017
4.	Conduct Demos		April, 2017

**5. GENERAL INFORMATION:**

- 5.1. Please note that responding to this RFI is not a prerequisite for responding to any future solicitations related to this project and a response to this RFI will not create any contract rights. Responses to this RFI will become property of the State.
- 5.2. The information gathered during this RFI is part of an ongoing procurement. In order to prevent an unfair advantage among potential respondents, the RFI responses will not be available until after the completion of evaluation of any responses, proposals, or bids resulting from a Request for Qualifications, Request for Proposals, Invitation to Bid or other procurement method. In the event that the state chooses not to go further in the procurement process and responses are never evaluated, the responses to the procurement including the responses to the RFI will be considered confidential by the State.
- 5.3. The State will not pay for any costs associated with responding to this RFI.

**6. INFORMATIONAL FORMS:**

The State is requesting the following information from all interested parties. Please complete the following forms:

<b>RFI # 34901-00117 INFORMATIONAL REQUIREMENTS FORM</b>	
1. RESPONDENT LEGAL ENTITY NAME:	
RESPONDENT CONTACT PERSON: Name, Title: Address: Phone Number: Email:	
2. Experience	
a. Provide a description of your company’s experience providing this type (as mentioned in background) or similar solutions for a similar sized and geographically dispersed law enforcement agency.	
b. Please provide 3 references from other clients.	
3. Product Design	
a. Can your product provide a minimum of 8 hours of continual recording?	
b. What types of solutions are currently available keeping in mind we do not wish to alter our current uniform?	
4. Technical Design	
a. Describe the technical architecture of your solutions including video storage, connectivity, bandwidth utilization, and video transfer (upload/download) processes.	
b. If your solution involves cloud-based storage, please provide examples where the video has been tested in the cloud for both body and in-car cameras.	
c. When describing the technical architecture of your solution, please address whether a state network would be used, and if so, how and to what extent.	
d. Describe the use of industry best practices in the development and delivery of	

similar solutions.
e. Describe how data is secured while at rest, in transit, or in use.
f. Currently the state uses Rimage and Bravo DVD & Blu-Ray duplicator units for video export requests and system backups. What does your proposed solution look like for video export and backup?
5. Implementation
a. Does your company provide all equipment for installation for both in-car and body cameras? Please describe the installation process and all of the equipment that would be installed.
b. Provide the expected timeframe for each of the following activities: 1) configuration of the solution; 2) testing; 3) training; 4) any conversion needed during transition from existing system to new system; and 5) implementation of the solution.
c. Describe your training approach (one-on-one, train the trainer, etc.).
d. Describe/outline ongoing training that could be provided to employees. Is training readily available including on-line formats and easily accessible?
e. Describe any lessons learned the State should consider on previous similar projects.

**COST INFORMATIONAL FORM  
PLEASE DO NOT INCLUDE ANY SPECIFIC PRICING**

1. Please provide a rough non-binding estimated range for the proposed solution.
2. Please provide an estimated range for the upfront versus ongoing and/or recurring costs for maintenance, modifications, change requests, etc. for the solution proposed.
3. What does your company believe to be the most efficient and cost effective solution?

**ADDITIONAL CONSIDERATIONS**

1. Please describe any other considerations.
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