

From: Becki Tompkins <btompkins@fishkill-ny.gov>
Subject: **FOIL**
Date: August 16, 2012 3:18:40 PM EDT
To: <dberger@nyclu.org>
4 Attachments, 213 KB

This will serve as this offices response to your recent FOIL request. You will be contacted when said information becomes available.

Thank you

Becki Tompkins
Deputy Town Clerk
Town of Fishkill



8-16-12 NY...doc (74.5 KB) 8-16-12 NY...doc (112 KB)

• Memorandum

To: Police Department
From: Rebecca Tompkins, Deputy Town Clerk
Re: FOIL Request – automatic license plate readers
Date: August 16, 2012

Attached please find a copy of a FOIL request received in my office on August 16, 2012. Please take notice to the description of documents/records requested, and be advised that this request needs to be addressed within twenty business days (access or denial).

Your attention in this matter will be greatly appreciated.

Thank you.

RT

cc: file



TOWN OF FISHKILL

807 Route 52
Fishkill, New York 12524-3110

Phone: (845) 831-7800 ext. 3312

Fax: (845) 831-6040

E-Mail: btompkins@fishkill-ny.gov

Website: www.fishkill-ny.gov

Rebecca Tompkins
Deputy Town Clerk/Assistant Records Officer

August 16, 2012

NYCLU
297 Knollwood Road, Ste. 217
White Plains, NY 10607
Attn: Daniel Berger

Re: Freedom of Information Request

Dear Mr. Berger,

Per your request for information relative to: automatic license plate readers, received in my office on August 16, 2012, please be advised that I have referred this letter to the appropriate department(s) (a copy of a memorandum attached). Please be advised that the Police Department have an additional twenty Town business days from the date of this letter, and you will be contacted when said material is available; access or denial.

Also, the charge per page is twenty five cents, photo's are \$10/per, and therefore you will be informed of the total cost.

If you require additional information, please do not hesitate to contact the undersigned.

Sincerely,

Rebecca Tompkins

Rebecca Tompkins
Deputy Town Clerk/Records Access Officer

RT
cc: File



TOWN POLICE TOWN OF FISHKILL

801 Route 52
Fishkill, New York 12524-3110
(845) 831-1110
Fax (845) 838-6710

Member:

*LACP
National Sheriff's Assn.
Dutchess County Assn.
Chiefs of Police*

Donald F. Williams
Chief of Police

August 8, 2012

Mr. Daniel Berger
Lower Hudson Valley Chapter Director
New York Civil Liberties Union
297 Knollwood Road
Suite 217
White Plains, New York 10607

Dear Mr. Berger:

RE: Freedom of Information Law Request

You had recently submitted a letter to this agency requesting information regarding automatic license plate readers, automatic vehicle identification, car plate recognition or license plate recognition equipment and/or software.

Please be advised that all requests filed under the Freedom of Information Law need to be submitted through the Fishkill Town Clerk's office. This office can be reached directly at 845-831-7800. You can also obtain this information on the Town of Fishkill web-site at www.fishkill-ny.org. Either one of these resources can provide you with the proper procedure for filing a FOIL request through the Town of Fishkill.

Sincerely,

A handwritten signature in cursive script, reading "Florence E. Burke".

Florence E. Burke
Police Assistant

Town of Fishkill
807 Route 52
Fishkill, NY 12524
(845) 831-7800

RECEIPT
#4766

10/26/2012

Ny Civil Liberties Union, Inc.

Received \$ 6.00 for Photocopies, on 10/26/2012. Thank you for stopping by the Town Clerk's office.
As always, it is our pleasure to serve you.

Darlene Bellis
Town Clerk



TOWN OF FISHKILL

807 Route 52
Fishkill, New York 12524-3110

Phone: (845) 831-7800 ext. 3312

Fax: (845) 831-6040

E-Mail: btompkins@fishkill-ny.gov

Website: www.fishkill-ny.gov

Rebecca Tompkins
Deputy Town Clerk/Assistant Records Officer

September 19, 2012

NYCLU
297 Knollwood Road, Ste. 217
White Plains, NY 10607
Attn: Daniel Berger

Re: Freedom of Information Request

Dear Mr. Berger,

Per your request for information relative to: automatic license plate readers, which was received in my office on August 16, 2012.

The information to your request is ready to be picked up or mailed. Please remit **\$6.00**, 24 pages at .25/per page.

This completes the above FOIL. If you have any further questions please feel free to contact our office.

Sincerely,

Rebecca Tompkins

Rebecca Tompkins
Deputy Town Clerk/Records Access Officer

rt
cc: file

NYCLU
297 Knollwood Road
Suite 217
White Plains, NY 10607

September 17, 2012

Re: Public Records Request

In response to your request for information regarding the Town of Fishkill Police Department's License Plate Reader.

In reference to request number Numbers.

1. Information enclosed
2. All records regarding procurement:
 - a. Sources of funding: New York State Department of Criminal Justice
 - b. Enclosed
 - c. Local government Approval: Records available at Town Hall.
 - d. Interaction with Vendor: Live Demonstration
3. All Records regarding use of ALPR technology:
 - a. What types of data are obtained: License Plates and time of read.
 - b. Number of plates scanned and or read in a month: Approx. 13079.
 - c. Number of ALPR units acquired: 1
 - d. Number of Vehicles Equipped with ALPR technology: 1
 - e. For stationary deployments, the number and physical location of ALPR units: None
 - f. the technical capabilities: enclosed
4. All records regarding storage of data obtained:
 - a. What types of data are stored for longer than an hour: Plate Reads
 - b. How long is that data stored: 90 days
 - c. when data must be discarded: Overwrite every 90 days
 - d. How many individual license plates scan records your agency stores: Approximately 39,237
5. All records regarding access to ALPR data, including.
 - a. The legal justification required before a individual can access the ALPR. Law Enforcement Only.
 - b. Purpose for which data may be accessed: Law Enforcement Investigations.
 - c. Purpose for which data may not be accessed: Investigation purpose only no other access.
 - d. Who may access data, what procedures they must go through to obtain access and who must authorize access: ALPR Operations center administrator and users?

- e. The existence or non existence of a system that records who accesses the data and when the data is accessed: Request must be made in writing.
- 6. All records regarding the sharing of data obtained through the ALPR technology including:
 - a. What type of data is shared: Time and date of read.
 - b. Which databases your agency puts collected ALPR data into: Sent to County
 - c. Third parties, government or private, that may access your agency's ALPR data, including what procedures third parties must go through in order to access the data and any restrictions placed on third parties regarding further sharing of your ALPR data: Request made to Police Chief.
 - d. any agreements to share ALPR data with outside agencies, corporations or other entities: no
- 7. MPH Operations center Dutchess County
- 8. Included.

Lieutenant Thomas Lindert
Town of Fishkill Police Department
801 Route 52
Fishkill, NY 12524
(845) 831-1110

**TOWN OF FISHKILL POLICE DEPARTMENT
INTER-OFFICE MEMORANDUM**

Date: February 19, 2008

TO: Chief Donald Williams
FROM: Lieutenant Thomas Lindert
SUBJECT: DEPARTMENT POLICY FOR LICENSE PLATE READER

I have attached a draft policy for the license plate reader. Please advise if you require any changes.

A. Patrol

The proactive entry of any data, except as stipulated in this directive, or the access to LPR records **MUST** be approved by a Supervisor, and the request **MUST** have a specific criminal investigative or patrol purpose. Deployment of LPR equipment is intended to provide access to stolen and wanted files, and for the furtherance of criminal investigations. Use is restricted to these purposes.

No officer may use, or authorize the use of, the equipment or database records for any other reason. A request for LPR use or data access beyond the cited reason(s) herein must be made to the Chief.

1. Administration:

A **Supervisor** is to administer and oversee the LPR program whose responsibilities include the following:

- ❖ Maintain an adequate number of trainers;
- ❖ Select and train approved members to operate the LPR system (All training must be documented);
- ❖ Arrange for additional training when and as deemed necessary; and
- ❖ Maintain records identifying approved LPR details and their results and ensure appropriate documentation of significant incidents and arrests that are related to LPR usage.
- ❖ When the LPR is used as the basis for issuing a summons "LPR" should be written in the top right corner of the summons.

Special Details -

- ❖ (The Chief or his designee) **MUST** approve LPR use during Non-traditional VTL details (i.e. in high crime areas during Operation impact details, or during directed criminal investigations).
- ❖ LPR equipment may be used to further criminal investigations by providing access to stored records and/or by assigning LPR equipment in a designated manner and area.
- ❖ Participation by outside agencies is not prohibited.
- ❖ **Note:** Commissioned Officers may issue further restrictions, taking into account knowledge of the area to be patrolled and the particular assignment.

Vehicles-

- ❖ LPR equipped vehicles should be used as often as possible. When not in use, every effort is to be made to ensure that the LPR vehicle is garaged.
- ❖ A copy of the Car System User Guide shall be maintained in a folder in each LPR equipped vehicle.

LPR Maintenance-

- ❖ The LPR camera lenses shall be cleaned with a glass cleaner sprayed on a soft cloth at the beginning and end of each use.
- ❖ Any damage shall be reported immediately through channels to the Commissioned Officer in charge. Technical questions concerning the LPR shall be directed to _____?
- ❖ Officers shall **NOT** directly contact the vendor(s). All vendor contact will occur through _____?
- ❖

Hit Verification:

- ❖ The information received from License plates that are recognized as wanted hits is dated, typically up to 24 hours old. **Officers must verify all "hits" through NYSPIN**, and follow all NYSPIN policies and procedures.
- ❖ At this time the LPR does not interface with real time NCIC or NYSPIN data, the LPR is ONLY to be used as an investigative tool. Confirmation is essential prior to a stop or before making an arrest.

- Verified Hits:

- ❖ On an unoccupied vehicle – maintain visual observation while supervisory contact is initiated to determine if immediate recovery action will be taken or whether surveillance will be continued.

Updating/Using LPR Wanted Files:

- For vehicles equipped with Traffic and Criminal Software (TraCS), at the beginning of each detail or shift using the LPR, a 'start-shift' from the TraCS application shall be conducted to update and transfer the required wanted files to the vehicle computer.

******For Non TraCS equipped vehicles follow the Agency Instructions.**

User Added Hit Files (Plates):

- After the initial upload to the LPR, if it becomes necessary to add specific information, the database can be "customized" by manually entering the information. This option is provided on the computer desktop screen under the "Operation" icon and should be utilized in cases where crimes are reported after the LPR has been deployed (e.g., Stolen Vehicles, Amber Alerts, radio item broadcasts, etc.) or when a manual plate check needs to be performed. A Commissioned Officer must approve any additional data entry (i.e. entering local police department gang information, patrol awareness for Project Impact assignments, etc.).

B. Investigations

- ❖ The License Plate Reader has been used for many purposes by investigative units throughout New York State. Initially, it was used to address the stolen vehicle issue and was quickly determined that limiting the use of the LPR to locating stolen vehicles was not an effective use of the personnel assigned to these details. Throughout the State, few stolen cars are recovered parked on the street with their original license plates attached. If a valid license plate is attached to a stolen car, the LPR will not know the car is stolen.
- ❖ Numerous details conducted have yielded the following effective strategies when using the LPR for investigative purposes. The LPR is used by specialized units with uniform patrol support in an effort to saturate a specific geographical area. The chance of identifying a crime in progress is directly related to the amount of vehicles stopped for violating the law. This requires that all vehicles whose registration plate returns any "hit" from the hot list be stopped. The greatest number of vehicles which return a hit by the LPR are in the suspended and revoked registration category. These vehicles should be impounded and therefore require an inventory search to safeguard the contents of the vehicle. This application works well, especially when specialized personnel from narcotics, auto theft, fraudulent documents, gun and gang units are present to examine any issues that arise. Be advised, addressing all suspended and revoked registrations can quickly exhaust the resources of a detail. Consideration must be given to having the appropriate number of personnel available and, subsequently scaling back which "hits" will be addressed or ending the detail when the support vehicles are no

longer available. The combining of forces within an agency as well as with state, county and local police has been very effective when conducting these saturation details the detail when the support vehicles are no longer available. The combining of forces within an agency as well as with state, county and local police has been very effective when conducting these saturation details.

The LPR can be used to locate vehicles of interest for a specific investigation. An example would be locating one or more recently stolen vehicles in close proximity to each other or located near a suspected chop shop.

The stolen vehicle(s) can then be surveilled and/or have a GPS placed on them, which will afford investigators the ability to follow them to their ultimate destination.

Specific vehicle files can be loaded into the LPR that may relate to a situation of concern to a certain geographical area. Some examples would be gang members or associates, prior sex offenders, burglary, robbery, auto theft, larceny and criminal mischief targets.

The data collected may enable investigators to take immediate action or provide solid leads should a crime occur in the vicinity of the captured plate.

C. Mutual Aid Situations

1. Emergency Based Operations

- ❖ During the course of normal law enforcement duties, incidents may occur that require immediate assistance from other local, county or state law enforcement agencies.
- ❖ The License Plate Reader can be a valuable tool in these situations, such as an AMBER Alert, bank robbery or other violent crime, and can help bring the incident to a safe and successful conclusion.
- ❖ The DCJS, as part of the letter of agreement to receive a plate reader, requires the deployment of available license plate readers in the event an AMBER or DCJS Missing Child/College Student Alert is announced.
- ❖ A coordinated plan is presented below so that local, county and state law enforcement agencies can maximize the coverage area to search for any vehicle involved in the abduction.

2. NYS AMBER and NYS DCJS Missing Child/College Student Alert Activations

- ❖ **Communications** - Upon receiving notification (via fax, NYSPIN, email or other notification system) that a NYS AMBER Alert or NYS DCJS Missing Child/College Student Alert activation has occurred, communications staff must immediately
 - ❖ Review details and notify supervision.
 - ❖ Unless directed to take alternate action, communications staff must immediately broadcast Alert details to all available patrols and must specifically advise patrols using LPR equipment to manually place involved vehicle plate number(s) into respective vehicle LPR databases.
 - ❖ Upon receipt of updated information, communications staff should immediately provide this information to supervision and patrols. If an involved vehicle plate number changes, patrols using LPR equipment should be directed to update database entries. All actions taken by communications staff should be documented in accordance with agency policies and procedures.

Upon notification of an Alert –

- ❖ All patrols using LPR equipment must manually place involved vehicle plate number(s) into the vehicle database.
- ❖ Officers should proceed to patrol areas which are likely to increase the chance of encountering the vehicle.
- ❖ Upon receipt of updated information (i.e., involved vehicle plate number changes), patrols must immediately update database entries.

Look back –

- ❖ Officers must promptly search the vehicle LPR databases to determine if a record of past encounters exists. If so, information should immediately be provided to supervision for investigative action. Also, supervision should review the agency records database, if one exists, to determine if patrols had previous
 - ❖ encountered the target plate.
 - ❖ Logs should be updated according to the previously cited general procedures.

Recovery –

- ❖ If the vehicle is encountered, the actions taken should ensure the safe recovery of the missing child. Officer experience and judgment, as well as agency specific policies and procedures (i.e., critical incident management), will dictate the best course of action to take. All actions should be documented in accordance with agency policies and procedures.
- ❖ Additionally, registration plates can be added to the LPR database during a detail.

- ❖ These plates are then brought to the attention of law enforcement after the existing data has been downloaded into the LPR. Examples would be vehicles reported stolen after 5:00AM that date, AMBER or DCJS Missing Child/College Student Alert or any other vehicle involved in an incident or crime that is being sought by law enforcement.
- ❖ LPR units can be deployed to collect all registration plates in an area surrounding a major crime scene or incident. LPR units can also be placed at “pinch points” or major routes of escape/travel immediately after such an event.

3. Coordinated Scheduled Operations

- ❖ When other violent crimes occur (bank robberies, murder, kidnapping) local agencies should contact adjacent law enforcement agencies with LPRs and determine the proper level of assistance needed. They should work together to determine a perimeter and deploy the license plate readers accordingly.
- ❖ The development of a mutual aid plan follows an outline that, at a minimum,
- ❖ The Town of Fishkill Police Department, encourages the utilization of the LPRs in targeted traffic enforcement details such as Stop DWI checkpoints or seat belt enforcement details. License plate readers can be a valuable tool in other interagency coordinated efforts to monitor traffic safety on roadways.

(Policy # OP-50)

LPR Operator Selection:

❖ Consider the following qualifications when approving members for LPR training:

- ❖ Members driving record;
- ❖ Past demonstration of good judgment regarding vehicle pursuits; and
- ❖ Excellent VTL and Penal Law enforcement activity.

Training:

Officers are **prohibited** from using the LPR system until they have been properly trained in its use, and have been instructed as to operational protocols.

2. Patrol Operations

- ❖ A supervisor **MUST** be notified of all appropriate matters (i.e. pursuits, significant arrests, etc.).
- ❖ Activity must be reported monthly on the DCJS LPR Survey Form.

Daily LPR User Log-

- ❖ A "daily user" (TOF-PD Form 2-2008) log will be maintained in the LPR vehicle where it is being used.
- ❖ Activity reports shall be consolidated and forwarded to _____ monthly.
- ❖ The records will be retained for 24 months.
- ❖ If the log has an arrest or hit associated with it, it must be retained as part of the case folder.
- ❖ Retain the log until all arrests associated with the log page have reached a final disposition.

LPR Data Query Log-

- ❖ Requests to review stored data shall be recorded and maintained in the same manner as criminal history logs.
- ❖ LPR data is stored for a short time frame on the LPR hard drive (up to thirty days).
- ❖ Access shall be limited to personnel designated by the Chief, who have been provided account access to conduct authorized LPR stored data queries.
- ❖ The Officer conducting the query must make the log entry. The log
- ❖ If the log has an arrest or a hit associated with it, it must be retained as part of the case folder.
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Activations

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LICENSE PLATE Reader

COPY

POLICE DEPARTMENT
TOWN OF FISHKILL801 Route 52
Fishkill, NY 12524
(845) 831-7800Cheryl
VOUCHER
Tax Exempt #14-6002179CLAIMANT'S
NAME
AND
ADDRESSRemington ELSAG
LAW Enforcement Systems
870 Remington Dr.
PO Box 1046
MADISON NC 27025

MUNICIPAL USE - DO NOT WRITE IN BOX

Purchase Order Number: 4979

Date Voucher Received:

FUND APPROPRIATION

AMOUNT

B 3/205 - 0201 20,130.00

TOTAL 20,130.00

Vendor ID:

Date	Invoice #	Description of Materials or Services	Quantity	Unit Price	Amount
1		MPH-900 LPR - Permanent Unit		17050.00	17050.00
1		Installation of LPR		600.00	600.00
1		OP Ctr License		650.00	650.00
1		Svc Plan - Yr 2		915.00	915.00
1		Svc Plan - Yr 3		915.00	915.00
				TOTAL	20,130.00

VENDOR/CLAIMANT'S CERTIFICATION

I, Cheryl Marshall, certify that the above account in the amount of \$ 20,130.00 is true and correct; that the items, services and disbursements charged were rendered to or for the municipality on the dates stated; that no part has been paid or satisfied; that taxes from which the municipality is exempt, are not included; and that the amount claimed is actually due.

1-24-08
DateCheryl Marshall
Original SignatureCost Accountant
Title

Mail, do not fax this document. Thermal paper is not acceptable, original signature required.

(Space Below for Municipal Use)

DEPARTMENT APPROVAL

The above services or materials were rendered or furnished to the municipality on the dates stated and the charges are correct.

DATE DEPARTMENTAL HEAD

DATE

AUTHORIZED OFFICIAL

APPROVAL FOR PAYMENT

This claim is approved and ordered paid from the appropriation indicated above

DATE

COMPTROLLER

SEE INSTRUCTIONS ON REVERSE SIDE BEFORE COMPLETING

STATE
OF
NEW YORK

STANDARD VOUCHER

Voucher No.

1 Originating Agency DIVISION OF CRIMINAL JUSTICE		Orig. Agency Code 01364		Interest Eligible (Y/N)		2 P-Contract	
Payment Date (MM) (DD) (YY) / /		OSC Use Only		Liability Date (MM) (DD) (YY) / /			
3 Payee ID 146002179		Additional		Zip Code 12524		Route	
4 Payee Name (Limit to 30 spaces) TOWN OF FISHKILL		IRS Code		IRS Amount			
Payee Name (Limit to 30 spaces)		Stat. Type		Statistic		Indicator-Dept.	
Address (Limit to 30 spaces) 807 ROUTE 52		5 Ref/Inv. No. (Limit to 20 spaces) DCJS GRANT SA0707877		MIR Date (MM) (DD) (YY) / /			
Address (Limit to 30 spaces)		Ref/Inv. Date (MM) (DD) (YY) / /					
City (Limit to 20 spaces) FISHKILL		(Limit to 2 spaces) →		State NY		Zip Code 12524	
6 Purchase Order No. and Date		Description of Material/Service If items are too numerous to be incorporated into the block below, use Form AC 93 and carry total forward.		Quantity		Unit	
				Price		Amount	
4979		REMINGTON ELSAG M.P.H. 900 LICENSE PLATE READER		1.00		17,050	
4979		INSTALLATION OF REMINGTON ELSAG M.P.H. 900		1.00		600	
4979		SECOND YEAR WARRANTY FOR LICENSE PLATE READER		1.00		915	
4979		THIRD YEAR WARRANTY FOR LICENSE PLATE READER		1.00		915	
4979		REMINGTON OPERATION CENTER LICENSE		1.00		650	
5153		ADMIT (IMPACT) PROPERTY EVIDENCE SOFTWARE & INSTALL		1.00		1,045	
7 Payee Certification: I certify that the above bill is just, true and correct; that no part thereof has been paid except as stated and that the balance is actually due and owing, and that taxes from which the State is exempt are excluded.		Total		21,175.00			
→ <i>Donald Williams</i> Payee's Signature in Ink		Title <i>Chief of Police</i>		Discount %			
11/9/08 Date		TOWN OF FISHKILL, NEW YORK Name of Company		Net		21,175.00	

FOR AGENCY USE ONLY

STATE COMPTROLLER'S PRE-AUDIT

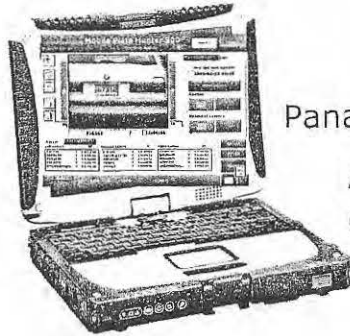
Merchandise Received		I certify that this voucher is correct and just, and payment is approved, and the goods or services rendered or furnished are for use in the performance of the official functions and duties of this agency.		Verified		Certified For Payment of Net Amount	
Date		Authorized Signature		Audited			
Page No.		Date		Special Approval (as Required)		By	
By		Title					

Expenditure

Liquidation

Cost Center Code		Object		Accum		Amount		Orig. Agency		PO/Contract		Line		F/P	
Dept.	Cost Center Unit	Var	Yr	Dept.	Statewide										
						- 12241 -									

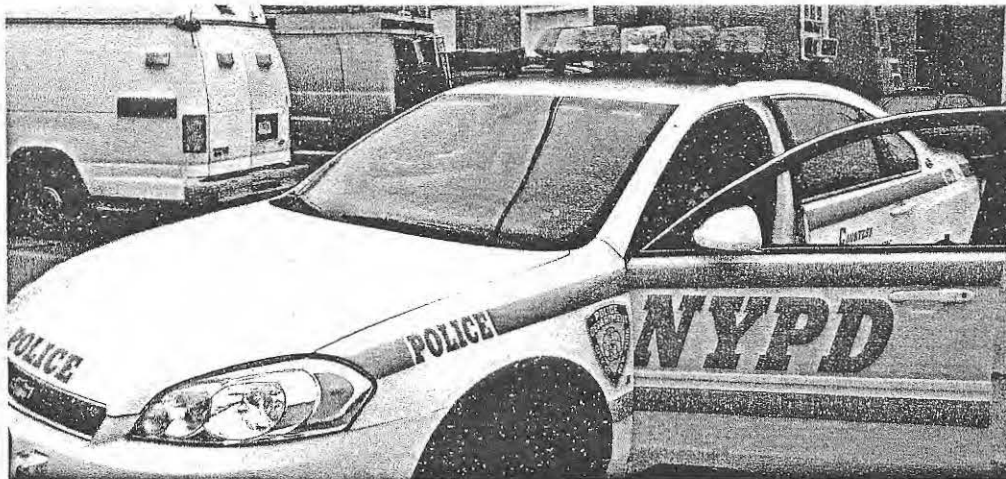
ELSAG MPH-900 Mobile LPR System



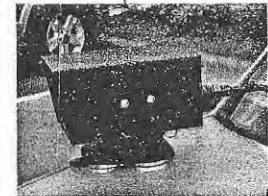
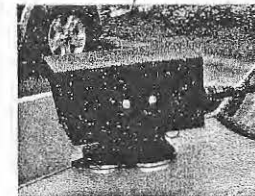
Panasonic CF-19 Toughbook

Audible and visual alarms notify the officer of a plate of interest.

Cisco 3200 **MAR**



Camera Junction Box



Cameras

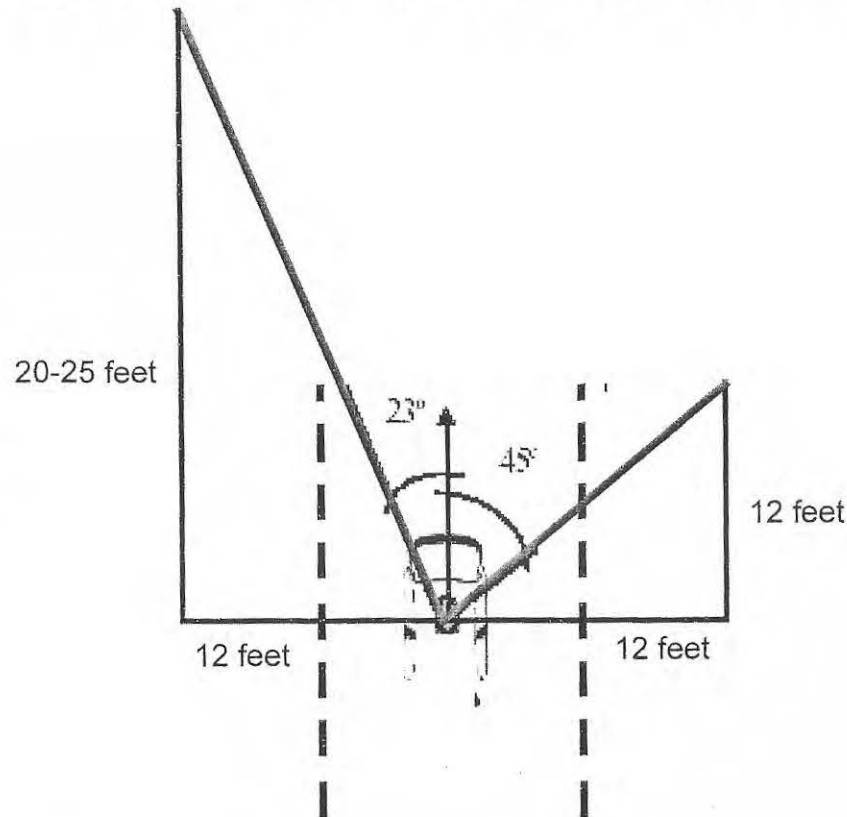
Infrared Cameras, work day or night to capture license plate alphanumeric string and convert into digital text sent to Laptop



Split Camera Alignment

Left Camera

Reads oncoming and left lane vehicles.



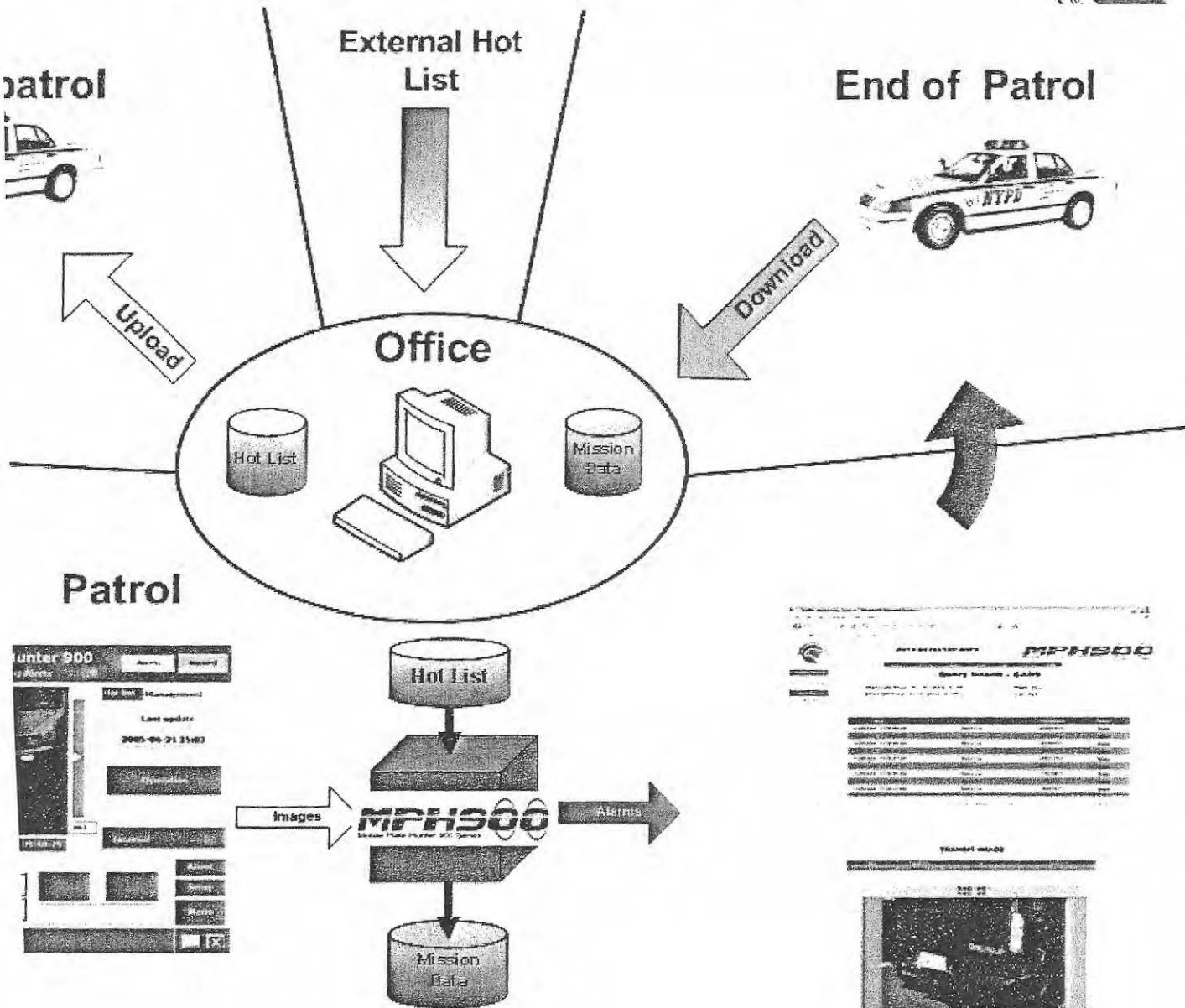
Right Camera

Reads Parked vehicles as well as cars that are passed.

Center the left camera on a plate-height object 12 feet left and 20-25 feet ahead of the camera (not the front of the car).

Center the right camera on a plate height object 12 feet right and 12 feet ahead of the right camera.

Standard Mission Schematic



Menu

Vehicle ID: 1

Pending Alerts

0

Alerts

Hazard

LPR



Green – System is ready to read plates

LPR



Yellow – Standby or booting up

LPR



Red – Communications problem

LPR Status Indicator

Gray Software Trouble - Reboot - 6 to 8 sec - Can for Service

2005-05-17 15:06:39

LPR



GPS



Main Car System Screen



Mobile Plate Hunter 900

Pending Alerts 0

Alerts [icon] [icon]

Management Diagnostic

Hot list last update

2008-04-08 23:44

Operations

Readers

ECX2360 NY 13:18:12

events

ECX2360	NY	13:18:12
UTE93T	NJ	13:17:42
J1CJ1	?	13:17:42
DRP8074	NY	13:17:36
CWE9610	NY	13:17:19
CNM4322	NY	13:17:06

Alarms

M-00	AVJ3872	NY	13:16:08
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Info

Setup

Menu

Hazard

LPR GPS COM

“Diagnostics” menu to adjust Cameras

Manual plate check, reports or hotlist insert

“Setup” to turn “beep” on/off

for Status

Last alarms – click to see detail



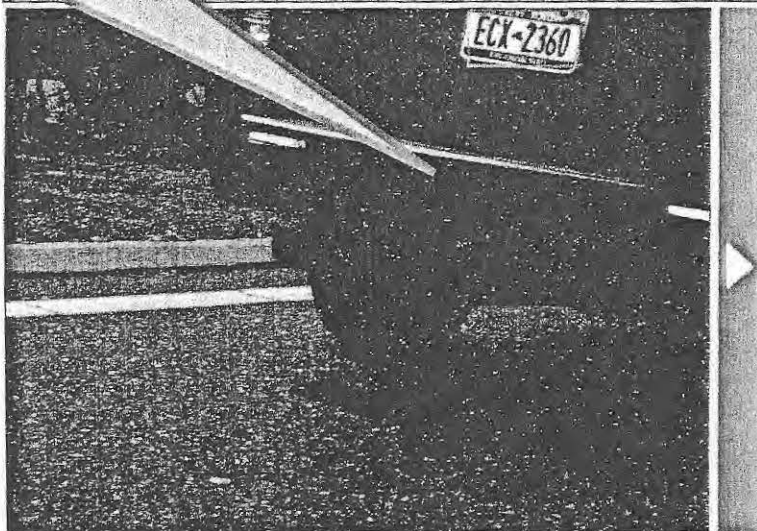
"Live" View

Will not read
"LIVE" Mode.

Plate Hunter 900

Pending Alerts 0

Alerts



Management Diagnostics

Hot list last update

2008-04-08 23:44

Operations

Readers



"Diagnostics"
menu to adjust
Cameras

ECX2360

NY

13:18:12



Recent events

ECX2360	NY	13:18:12
UTE93T	NJ	13:17:42
J1CJ1	?	13:17:42
DRP8074	NY	13:17:36
CWE9610	NY	13:17:19
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Alarms

M-00	AVJ3872	NY	13:16:08
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Info

Setup

Menu

Hazard

LPR

GPS

COM



ELSAG License Plate Recognition Solution

Car System User Training





Split Camera Focal Points and Capabilities

Left Camera

Reads 2 left lanes oncoming and vehicles.

Processes both moving and parked vehicles, while the police vehicle is moving or parked.



Right Camera

Reads Parked vehicles as well as cars that are passed on right.

Images are processed at a rate of 20 frames per second per camera, plates are recognized and cross-checked versus a database of up to 4 million lines for stolen vehicles, FAW's, FBI NCIC list, Parolee list, Sex Offenders etc.

Vehicles found in the database will alarm in milliseconds.

During the shift, officers may input new tags, or query the hot list for manual input.



*Eight
Zero's*

Hot list		Hot list results		Reports		Report results	
Plate		State	? - ALL COUNTRIES		▲ ▼		Search
Note	Search Hotlist or Insert Plates manually Searches History Automatically on Insert					Insert ✓	
						Delete	
1	2	3			8	9	0
Q	W	E			I	O	P
A	S	D			K	L	↑
Z	X	C	V	B	N	M	← ↓ →
Caps					#@...	Canc	Close