



Ronald J. Knapp  
Chief of Police

POLICE DEPARTMENT  
**CITY OF POUGHKEEPSIE**  
NEW YORK



December 6, 2012

NYCLU-New York Civil Liberties Union  
Lower Hudson Valley Chapter  
Attn: Daniel Berger  
297 Knollwood Road  
Suite 217  
White Plains, New York 10607

Dear Mr. Berger:

This letter is in response to your FOIL request dated July 30, 2012. In response to your questions I will respond by answering your questions using the bullet number that you assigned them.

1. Our Agency has no specific policy or procedure in regards to the use of the ALPR camera system. Only Officers that have been trained on the use of the ALPR system are allowed to operate or access the system.
2. (A-D) See attached documents.
3. a. License plates, GPS location and date and time the plate was read
  - b. Approximately 4000 per day that the unit is used
  - c. The City of Poughkeepsie has one functioning ALPR system.
  - d. The City of Poughkeepsie has one ALPR system
  - e. Zero

f. The ALPR can capture up to 3600 license plate reads per minute, day or night, accurately recognize license plates from all 50 States, Canada and Mexico, Process parked and moving vehicles across up to four lanes of traffic, manage differential speeds in excess of 120 mph and transit speeds up to 75 mph (exceeding the normal speed of vehicles through the pathway). Allows personnel to update Hot Lists manually at any time and also query the system for new entries that may match a recently captured vehicle, Translates the license plate data into a digital image, cross-references it to an onboard Hot List, and then returns an alarm back to the user within milliseconds, Allows for Hot Lists to be updated manually or wirelessly, and Enables personnel to search the system for previous reads at any time in reaction to notification of a suspect vehicle. The MPH-900 system captures thousands of license plates during a shift. The data recorded for each includes date and time stamp, a photograph of the vehicle and it's immediate area, and the GPS coordinates. Post-action analysis of the data from relevant time periods can lead to subsequent witness identification, Watch list development, placing suspect at a scene, terrorist interdiction, and pattern recognition.

4. There are no records regarding the storage of the data obtained using ALPR technology, however;

- a. License plates, GPS location and date and time the plate was read
- b. 365 Days
- c. the data self discards after 365 days
- d. On average 1,460,000 per year on the Dutchess County Server

5. There are no records regarding the access to ALPR data, however;

- a. Law Enforcement Officials only and only in Criminal or vehicle and traffic investigations
- b. Criminal and vehicle and traffic investigations
- c. All other purposes
- d. Mobile Plate Hunter-900 Operations Administrators and Mobile Plate Hunter-900 Operations Center Users
- e. Mobile Plate Hunter-900 Operations center

6. There are no records regarding the sharing of data obtained through ALPR technology, however;

- a. License plates, GPS location and date and time the plate was read
- b. NY/NJ High Intensity Drug Trafficking Area (HIDTA)
- c. See Attached Memorandum of Understanding
- d. No

7. We have no records of obtaining any ALPR data from third parties and we can only access the Mobile Plate Hunter-900 Operation Center (Dutchess County OCIS Server) and our own database information

8. The Copyright laws of the United States and other countries specifically material provided by ELSAG North America, LLC versions 2.0 and 5.0 user manual and guides in their entirety. They cannot be reproduced, distributed, or altered in any way without the expressed written consent of ELSAG North America. Under Copyright laws, neither the documentation, nor any associated software may be copied, photocopied, reproduced, translated, or reduced to any electronic medium of machine readable for, in whole or in part, without the written consent of Elsag North America. You may contact ELSAG North America at Corporate Headquarters, 412 Clock Tower Commons, Brewster, NY 10509, Ph# 845-278-5425.

You may direct any appeals regarding your request to Ms. Karen Sorrell, F.O.I.L Appeals Officer, Municipal Building, 62 Civic Center Plaza, Poughkeepsie, New York.

If I can be of any further assistance, please contact me at 845-451-4152.

Sincerely,

A handwritten signature in black ink, appearing to read "Melvyn R. Clauson", with a stylized flourish at the end.

Sgt. Melvyn R. Clauson  
Deputy Records Access Officer

Cc:file

# The City of Poughkeepsie

New York

MICHAEL BRADY  
Assistant Corporation Counsel  
[mbrady@cityofpoughkeepsie.com](mailto:mbrady@cityofpoughkeepsie.com)



62 Civic Center Plaza  
Poughkeepsie, New York 12601  
TEL: (845) 451-4065 FAX: (845) 451-4070

August 6, 2012

Daniel Berger  
Lower Hudson Valley Chapter director  
New York Civil Liberties Union  
297 Knollwood Road, Suite 217  
White Plains, New York 10607  
[dberger@nyclu.org](mailto:dberger@nyclu.org)

Re: **FOIL Request**

Dear Mr. Berger:

The City of Poughkeepsie has received your FOIL request asking for a number of records pertaining to automatic license plate readers (ALPRs). This response is being sent electronically at your request.

Your request for records is divided into eight (8) headings including twenty-three (23) subheadings. It is my understanding that many of the records you seek are kept, stored and/or maintained by Dutchess County and not with the City of Poughkeepsie.

Because your request is voluminous and many of these records will have to be secured through avenues outside of the City of Poughkeepsie, the City is unable to grant your request within twenty (20) days.

A response will be forthcoming within thirty (30) days of the date of this letter.

Very truly yours,

By: \_\_\_\_\_

Michael Brady, Esq.  
Assistant Corporation Counsel

cc: Sgt. Mel Clausen  
City of Poughkeepsie Police Dept.

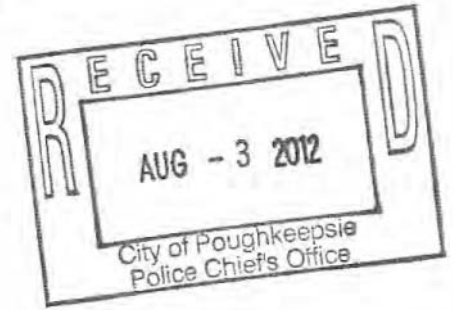


# NYCLU

NEW YORK CIVIL LIBERTIES UNION

LOWER HUDSON VALLEY CHAPTER

Lower Hudson Valley Chapter  
297 Knollwood Road  
Suite 217  
White Plains, NY 10607  
Office: (914) 997-7479  
Fax: (914) 997-2936  
lowerhudsonvalley@nyclu.org



BY FIRST CLASS MAIL

July 30, 2012

Ronald J. Knapp  
City of Poughkeepsie Chief of Police  
City of Poughkeepsie Police Department  
62 Civic Center Plaza  
Poughkeepsie, NY 12602

Re: Public Records Request / Automatic License Plate Readers

To Whom It May Concern:

On behalf of the New York Civil Liberties Union, I write to request, pursuant to the state's Freedom of Information Law (Public Officers Law, Article 6), records regarding automatic license plate readers (ALPRs). ALPRs are also sometimes referred to as Automatic Vehicle Identification, Car Plate Recognition or License Plate Recognition equipment and/or software. This records request uses ALPR in reference to any of this technology.

### Records Requested

Please provide copies of the following records created from January 1, 2006 to the present:

1. All records regarding your policies, practices and procedures for procuring and using ALPR technology, and for storing, accessing and sharing data obtained through ALPR technology;
2. All records regarding the procurement of ALPR technology, including
  - a. sources of funds used to pay for ALPR technology;
  - b. invoices for the purchase of ALPR technology;
  - c. local government approval for any ALPR purchase;
  - d. interactions with vendors, suppliers and potential suppliers of ALPR technology, including materials and fact sheets supplied by vendors describing their products;
3. All records regarding the use of ALPR technology, including
  - a. what types of data are obtained;
  - b. number of license plates scanned and/or read in a given time period (day, month, year, etc.);
  - c. the number of ALPR units or systems acquired;
  - d. the number of vehicles equipped with ALPR technology;

- e. for stationary deployments, the number and physical location of ALPR units;
  - f. the technical capabilities of the ALPR units;
4. All records regarding the storage of data obtained using ALPR technology, including
    - a. what types of data are stored for any period longer than an hour;
    - b. how long data is stored;
    - c. when data must be discarded;
    - d. how many individual license plate scan records your agency currently stores;
  5. All records regarding access to ALPR data, including
    - a. the legal justification required before an individual accesses ALPR data;
    - b. purposes for which the data may be accessed;
    - c. purposes for which the data may *not* be accessed;
    - d. who may access the data, what procedures they must go through to obtain access, and who must authorize access;
    - e. the existence or non-existence of a system that records who accesses the data and when the data is accessed;
  6. All records regarding the sharing of data obtained through ALPR technology, including
    - a. what type of data is shared;
    - b. which databases your agency puts collected ALPR data into;
    - c. third parties, governmental 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;
    - d. any agreements to share ALPR data with outside agencies, corporations or other entities;
  7. All records regarding obtaining ALPR data from third parties, including which databases your agency can access;
  8. All training materials used to instruct members of your agency in ALPR deployment, data management, or operation of automated records systems that contain ALPR data to which any member of your agency has access, including regional or shared ALPR databases.

The Freedom of Information Law requires that an agency respond to a request within five business days of receipt of a request. Please note that if the requested records cannot be provided within 20 business days, Article 6 of the Public Officers Law mandates that the agency state, in writing, both the reason for the inability to grant the request within 20 business days and a date certain within a reasonable period, depending on the circumstances, when the request will be granted in whole or in part.

If for any reason any portion of this request is denied, please inform us of the reasons for the denial in writing and provide the name and address of the person or body to whom an appeal should be directed.

To the extent that these records can be made available in an electronic format, we request that they be provided in that format. We request to be notified before production of any fees associated with this request over \$25.00.

Please contact Daniel Berger by phone at 914-997-7479 or by email at [dberger@nyclu.org](mailto:dberger@nyclu.org) with any questions. Thank you for your prompt attention to this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Daniel Berger", with a long, sweeping horizontal line extending to the right.

Daniel Berger  
Lower Hudson Valley Chapter Director  
New York Civil Liberties Union

**MEMORANDUM OF UNDERSTANDING**  
**(“AGREEMENT”)**  
**BETWEEN**  
**DUTCHESS COUNTY SHERIFF’S OFFICE (“DCSO”), NEW YORK OFFICE OF**  
**THE ATTORNEY GENERAL (“NYOAG”) and**  
**NEW YORK/NEW JERSEY HIGH INTENSITY DRUG TRAFFICKING AREA**  
**(“HIDTA”)**  
**FOR PARTICIPATION IN**  
**LICENSE PLATE READER DATA SHARING PROJECT (“PROJECT”)**

WHEREAS, HIDTA, NYOAG and DUTCHESS COUNTY SHERIFF’S OFFICE recognize the value of sharing information related to legitimate law enforcement purposes while protecting the privacy rights of individuals; and,

WHEREAS, HIDTA wishes to support the exchange of information at the Federal, State and local levels, and;

WHEREAS, NYOAG wishes to facilitate the exchange of information in order to better serve the citizens of the State of New York in it’s role as a law enforcement DUTCHESS COUNTY SHERIFF’S OFFICE, and;

WHEREAS, DUTCHESS COUNTY SHERIFF’S OFFICE currently utilizes Automated License Plate Readers in its law enforcement efforts,

NYOAG, HIDTA and DUTCHESS COUNTY SHERIFF’S OFFICE hereby agree and enter into the following AGREEMENT

**ARTICLE I. SCOPE OF AGREEMENT**

During the term of this AGREEMENT and subject to the terms and conditions thereof, NYOAG and DUTCHESS COUNTY SHERIFF’S OFFICE grant to one another non-exclusive, non-transferable rights via HIDTA, electronic access and use of License Plate Reader (LPR) data elements as defined herein, including but not limited to upload, download and search functions, for law enforcement purposes.



## ARTICLE II. TERM

The term of this AGREEMENT shall commence August \_\_, 2009 and expire on August \_\_, 2014. This AGREEMENT shall automatically renew for an additional period of five (5) years upon expiration unless written notice of the intent to terminate is provided by either party. Notwithstanding the preceding, either part may terminate this AGREEMENT for any reason, with or without cause, by giving ninety (90) days written notice of such termination to the other party.

## ARTICLE III. COSTS

All costs associated with installation, maintenance and licensing of LPR equipment shall be born by DUTCHESS COUNTY SHERIFF'S OFFICE. In addition, all costs associated the DUTCHESS COUNTY SHERIFF'S OFFICE's usage of network connectivity, computer hardware and software shall be the responsibility of DUTCHESS COUNTY SHERIFF'S OFFICE unless otherwise agreed to.

## ARTICLE IV. RESPONSIBILITIES

- A. DUTCHESS COUNTY SHERIFF'S OFFICE agrees and understands that in order for DUTCHESS COUNTY SHERIFF'S OFFICE to participate in the LPR DATA SHARING PROJECT, DUTCHESS COUNTY SHERIFF'S OFFICE shall be responsible for sharing said LPR data in order to allow for sharing of LPR data amongst and between participating AGENCIES.
- B. It is the responsibility of each participating DUTCHESS COUNTY SHERIFF'S OFFICE to ensure that use of the LPR data shared, obtained or accessed through the PROJECT shall be for *legitimate law enforcement purposes only*. Any use determined not to be for legitimate law enforcement purposes may result in the suspension or termination of the individual user or DUTCHESS COUNTY SHERIFF'S OFFICE from future participation in the PROJECT.

- C. DUTCHESS COUNTY SHERIFF'S OFFICE shall be solely responsible for obtaining, maintaining, and operating, at its own expense, compatible LPR and computer equipment and services required to access the PROJECT.
- D. DUTCHESS COUNTY SHERIFF'S OFFICE shall be solely responsible for the content, accuracy and adequacy of the data DUTCHESS COUNTY SHERIFF'S OFFICE shares with the PROJECT. HIDTA shall take all reasonable precautions to prevent the loss, alteration or improper use and access of DUTCHESS COUNTY SHERIFF'S OFFICE data, but neither NYOAG nor HIDTA guarantees their integrity or security. DUTCHESS COUNTY SHERIFF'S OFFICE shall be responsible for maintaining a procedure, separate and apart from the PROJECT for reconstruction and recovery of lost data, to the extent DUTCHESS COUNTY SHERIFF'S OFFICE deems necessary, and for purposes of re-entry in the event of system malfunction.

#### ARTICLE V. INDEMNIFICATION

To the extent permitted by law and subject to relevant immunity and maximum provisions, DUTCHESS COUNTY SHERIFF'S OFFICE agrees to indemnify and hold harmless NYOAG/HIDTA, and its agents, servants, and employees from and against any and all claims, demands and actions, suits, judgments, and proceedings by others against all liability, including but not limited to, any liability for damages by reason or arising from, out of or in connection with this AGREEMENT to the extent that such liability results from the negligent acts or omissions of the DUTCHESS COUNTY SHERIFF'S OFFICE, its employees or agents.

#### ARTICLE VI. MODIFICATIONS

This AGREEMENT may only be modified by a written amendment executed by NYOAG, HIDTA and DUTCHESS COUNTY SHERIFF'S OFFICE.

IN WITNESS WHEREOF, the parties hereto have caused this AGREEMENT to be executed by the proper officers and officials.

  
DATE: \_\_\_\_\_  
DUTCHESS COUNTY SHERIFF'S OFFICE

\_\_\_\_\_  
DATE: \_\_\_\_\_  
NYOAG

\_\_\_\_\_  
DATE: \_\_\_\_\_  
HIDTA

## APPENDIX I: DATA ELEMENTS AND DESCRIPTIONS

*Awaiting from Ken M. / John K. @ HIDTA*

PARAMETER NAME	DESCRIPTION	VALUE
ALARMS_DURATION_DAYS	Days before alarms data deletion	365
CONVOY_SEARCH_LENGTH	Number of vehicles in convoy search	15
DATABASE_VERSION	Database version number	2.12
DEFAULT_LANGUAGE	Default language	en_EN
DEFERRED	Delay time limit for pending alarms, if exceeded the alarm becomes deferred (minutes)	60
EMAIL_DIAG_SUBJECT	e-mail subject for trouble notification	Trouble Notification
EMAIL_HOT_ALARM_SUBJECT	e-mail subject for hotlis alarms notification	LPR Alarm
EXPIRED	Expiration time for pending alarms (minutes)	60
IMAGE_BASE_PATH	Base path for images files	D:\OperationalCenter\I
LOGS_DURATION_DAYS	Days before logs data deletion	365
MAIL_SENDER_ADDRESS	Mail sender email address	prova@lit.it
MAIL_SERVER	Mail server address or hostname	127.0.0.1
MODE	Law enforcement or ZTL system	SECURITY
NUM_MAX_PWD_ERROR	number of error before password lock	5
OCRS_VERSION	OCRS version number	2.12
RADIUS_LENGTH_UNIT	Miles	Miles
SHOW_PERSONAL_NUMBER	Show personal number (if true)	false
SOGLIA_SEVERITY_EMAIL	level of severity required for e-mail notification	5
STATISTICS_DURATION_DAYS	Days before statistics data deletion	365
TRANSITS_DURATION_DAYS	Days before transits data deletion	365

City of Poughkeepsie  
**Accounts Payable Edit Listing**

Vendor/Remittance Address	Number	Description	Invoice Date	G/L Date	Due Date	Received Date	Confirming EFT G/L Date	Notes	Amounts
Batch Department: 09_3120 Police, Police Patrol 5162 - AMCHAR WHOLESale INC* 100 AIRPARK DRIVE ROCHESTER, NY 14611	643606	Federal AR40R3 ammo	04/05/2012	04/11/2012	04/11/2012			No	Gross: 6,184.00 Freight: 0.00 State Tax: 0.00 County Tax: 0.00 Local/City Tax: 0.00 Discount: 0.00 Retainage: 0.00 Net Amount: \$6,184.00
Batch Number: 2012-00000542	Batch Description:	Check Sort Code:	Bank Account: M&T-General Checking						
Check Code:	Invoice Terms:	Manual Check: No							
Check Number:									

Detail:	P.O. Number	C/D/F/T/ A/1099	Description	Quantity	U/M	Amount/Unit	Total Amount
	2012-00000069	Y/N/N/N/N/N	Mat & Supplies-General - Federal AR40R3	40.0000	EA	154.6000	6,184.00
G/L Distribution:	G/L Account/Project					Expensed	Unencumbered
	01-09-3120 7423 ( General Fund-Police-Police Patrol Mat & Supplies-General)					6,184.00	6,184.00

Total Invoice Items: 1 Invoice Amount Expensed: \$6,184.00 Invoice Amount Unencumbered: \$6,184.00

7587 - ELSAG NORTH AMERICA* Invoice Department: 09_3120 Police, Police Patrol ELSAG NORTH AMERICA* ELSAG NORTH AMERICA* 205-H CREEK RIDGE ROAD GREENSBORO, NC 27406	16918S	License Plater Reader & Accessories	04/03/2012	04/11/2012	04/11/2012	No	Gross: 14,943.00 Freight: 0.00 State Tax: 0.00 County Tax: 0.00 Local/City Tax: 0.00 Discount: 0.00 Retainage: 0.00 Net Amount: \$14,943.00
Check Sort Code:	Bank Account: M&T-General Checking						
Check Code:	Invoice Terms:						
Manual Check: No							
Check Number:							

Detail:	P.O. Number	C/D/F/T/ A/1099	Description	Quantity	U/M	Amount/Unit	Total Amount
	2012-00000144	Y/N/N/N/N/N	Police Equipment - License Plate Reader & Accessories Associate to Asset: 23 License Plate Reader & Accessories	1.0000	JB	14,943.0000	14,943.00
G/L Distribution:	G/L Account/Project					Expensed	Unencumbered
	01-09-3120 7211 ( General Fund-Police-Police Patrol Police Equipment)					14,943.00	14,943.00

Total Invoice Items: 1 Invoice Amount Expensed: \$14,943.00 Invoice Amount Unencumbered: \$14,943.00

check # 37393 - 4/25/2012

**ELSAG North America**

205-H Creek Ridge Road  
Greensboro, NC 27406

**INVOICE**

Invoice Number: 16918S  
Invoice Date: Apr 3, 2012  
Page: 1

*Duplicate*

Voice: 336-379-7135  
Fax: 336-379-7164

**Bill To:**

City of Poughkeepsie Police Dept  
62 Civic Center Plaza  
Poughkeepsie, NY 12601  
United States

**Ship to:**

City of Poughkeepsie Police Dept  
62 Civic Center Plaza  
Poughkeepsie, NY 12601  
United States

Customer ID	Customer PO	Payment Terms	
POUGHKEEPSIE CITY	2012-00000144	Net 30 Days	
Sales Rep ID	Shipping Method	Ship Date	Due Date
KONTOS	Ground	4/3/12	5/3/12

Quantity	Item	Description	Unit Price	Amount
1.00	140002	MPH-900 MS2 Two Camera Mini Split Mobile System.	15,000.00	15,000.00
1.00	210002	Installation Support	1,350.00	1,350.00
1.00	210026	Engineering Support - 1/2 Day	625.00	625.00
2.00	410161	USB Extension Cable 6'	14.00	28.00
1.00	410052	Ethernet Cable Shielded cat5E	30.00	30.00
1.00	410917	Garmin GPS Antenna	145.00	145.00
1.00	412149	OPUS PERMANENT POWER CABLE	140.00	140.00
1.00	520001	Service Plan Year 1		
1.00	520501	Puma Trade in	2,375.00	-2,375.00
1.00	421644	2 Port Trunk Box - Alum Finish		
1.00	421487 000542	Asm - Mini Split - 16mm 740nm		
1.00	421499	Asm - Mini Split - 25mm 740nm		
1.00	410052	Ethernet Cable Shielded cat5E		
1.00	412169	STORM CASE ASSEMBLY		
1.00	410917	Garmin GPS Antenna		
1.00	412149	OPUS PERMANENT POWER CABLE		
2.00	412275	CAM CABLE - 12FT SPLIT TRANSPORTABLE WITH STRAIGHT ENDS		
2.00	420069-M	Hedley Trunk Mt Assembly-Mini Split		

Subtotal	14,943.00
Sales Tax	
Total Invoice Amount	14,943.00
Payment/Credit Applied	
<b>TOTAL</b>	<b>14,943.00</b>

Check/Credit Memo No:

**15453**

S 62 Civic Center Plaza  
H POUGHKEEPSIE, NY 12601  
I  
P  
T  
O

CITY OF  
POUGHKEEPSIE  
ACCOUNTS PAYABLE  
62 Civic Center Plaza  
POUGHKEEPSIE, NY 12601  
FEDERAL ID NO. 14-6002385

Purchase Order

DATE 03/23/2012


No. 2012-00000144

PURCHASE ORDER NUMBER MUST APPEAR ON  
ALL INVOICES, SHIPPERS, BILL OF LADING AND  
CORRESPONDENCE

VENDOR NO.7587

V E N D O R  
ELSAG NORTH AMERICA\*  
ELSAG NORTH AMERICA\*  
205-H CREEK RIDGE ROAD  
GREENSBORO, NC 27406

F.O.B.	VIA
DELIVERY REQUIRED	TERMS

QUANTITY	UNIT	DESCRIPTION	UNIT COST	TOTAL COST
1.0000	Job	Police Equipment - License Plate Reader & Accessories License Plate Reader & Accessories Single Source 01-09-3120 7211 - Police Equipment 14,943.00	14,943.0000	\$14,943.00
				

SUBTOTAL \$14,943.00

SALES TAX \$0.00

DIRECT INQUIRIES TO

DIRECTOR

1. SHIPMENTS MAY BE REFUSED IF THE  
PURCHASE ORDER NO. IS NOT SHOWN.  
2. EXEMPT FROM STATE/LOCAL AND  
FEDERAL TAXES.

3. SUBSTITUTIONS WILL NOT BE ACCEPTED  
WITHOUT PRIOR APPROVAL.  
4. PARTIAL SHIPMENT WILL BE ACCEPTED IF  
INVOICED SEPARATELY.

5. C.O.D. OR COLLECT SHIPMENTS WILL NOT  
BE ACCEPTED.  
6. RECEIVING HOURS ARE 9:00 AM - 3:30 PM  
MONDAY - FRIDAY.

SEE REVERSE FOR TERM AND CONDITIONS





THE MOST ADVANCED AUTOMATIC LICENSE PLATE RECOGNITION TECHNOLOGY AVAILABLE

A Finnmeccanica Company

Contact us: info@elsag.com

MADE IN THE USA



ABOUT US

ALPR PRODUCTS &amp; SOLUTIONS

MPH 900 APPLICATIONS

NEW RELEASES

CONTACT US

GETTING PROTECTED

FAQ

CONTACT US

username

password

LOGIN

What Partner Agencies  
are saying about our ALPR:

The system was used for a gang  
rivalry... We were able to  
successfully download the tags we  
captured and identify some of the  
folks in the gangs. It [Read More](#)

(Principal 3rd) TN Highway Patrol

View All Testimonials  
[Click Here](#)

CONTACT TECHNICAL SUPPORT

REMOTE SUPPORT

ELSAG North America and  
ELSAG Datamat are  
Finnmeccanica companies

## ALPR Products and Solutions > Mobile Plate Hunter - 900

The MPH-900 ALPR: A powerful combination of good police work and criminal intelligence.

### GOOD POLICE WORK

Stolen Vehicles  
Stolen Plates  
Wants & Warrants  
Gang & Terrorist Watchlists  
Suspended Plates  
Softwares



### CRIMINAL INTELLIGENCE

Alert Action Analysis  
Crime Scene Investigation  
Criminal Pattern Analysis  
Critical Infrastructure  
Watchlist Development  
Terrorist Interdiction

Cameras, a processing unit and proprietary software, allow officers to capture images of license plates and instantaneously compare them with millions of Hot List records to identify vehicles of interest. This highly advanced Automatic License Plate Recognition technology system reads plates from all 50 States and most foreign countries including Arabic characters. It can also read other alpha-numeric identification systems—even from 1500 feet in the air.

The MPH-900 minimizes the guesswork and safety risks that challenge officers every day.

### Benefits of A Network of Mobile & Fixed ALPR Systems

Many applications of automatic license plate recognition (ALPR or LPR) technology around the country are based solely on either the mobile version or on the fixed. But combining them to create a network of extra eyes can be a powerful way to help keep a community, city or sensitive area safe, leaving officers free to dedicate themselves to other critical commitments only they are trained to do. The MPH-900 ALPR system is very flexible and is ideal for temporary situations such as large sporting events or political demonstrations as well as permanent deployments around national ports, government complexes, known drug trafficking corridors and other vulnerable areas. Border patrol and homeland security efforts are stronger today because of the assistance of ELSAG's advanced ALPR. Knowing who is coming and going at all times is possible with a network of fixed and mobile MPH-900 ALPR systems and that's key when it comes to public safety and security.

Learn more about the details of our ALPR products solutions, and best practice applications:

[Mobile Plate Hunter-900® ALPR](#)

[Fixed Plate Hunter-900® ALPR](#)

[All-in-One Fixed ALPR](#)

[Criminal Intelligence Capabilities](#)

[AMBER Alert Generator](#)

[Geo Fencing Capabilities](#)

[ELSAG Operations Center™ data management software](#)

[Tactical Operations Center™](#)

[Suspended/Revoked License](#)

[Recovered License Plates and Vehicles](#)

[Homeland Security](#)

[Tax Collection](#)

[School Bus Safety](#)

[Complete ALPR Product Listing](#)

[Home](#) | [Contact](#) | [Site Map](#)

ELSAG North America • 7 Sutton Place • Brewster, NY • 10509 • 1-877-77-ELSAG (35724)

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Automatic License Plate Reader is also known by the following terms: ALPR, LPR Technology, License Plate Recognition, License Plate Camera, Car Plate Reader Automatic Number Plate Reader, ANPR. For more information about ELISAG's MPH-900 digital Automatic License Plate Reader technology, contact us at 855.84MPH.900.


[Home](#) / [Products](#) / [Solutions](#) / [Worldwide](#) / [Support](#) / [About Us](#) / [Contact Us](#)


MPH-900 in the USA



ABOUT US

ALPR PRODUCTS & SOLUTIONS

APPLICATIONS

CONTACT

TESTIMONIALS

NEWS & PRESS

FAQ

COMPANY INFORMATION

username

password

LOGIN

What Partner Agencies  
are saying about our ALPR:

It was DNA 10 years ago, LPR is  
the NEXT Revolution in Policing.

Dr. Stanley Erickson, National  
Institute of Justice

[View All Testimonials](#)  
[Click Here](#)

CONTACT/TECHNICAL SUPPORT

REMOTE SUPPORT

ELSAG North America and  
ELSAG Datamat are  
Finmeccanica companies

## ALPR Products and Solutions > Mobile Plate Hunter - 900

### Mobile License Plate Reader

ELSAG NA's Automatic License Plate Reader (ALPR) system, the Mobile Plate Hunter-900 (MPH-900) can be mounted to patrol cars capturing license plate numbers during entire shifts. If a suspect license plate number is read, audible and visual alarms alert the officer within milliseconds of license plate capture.

Cameras, a processing unit and proprietary software, allow officers to capture images of license plates and instantaneously compare them with millions of Hot List records to identify vehicles of interest. This highly advanced Automatic License Plate Reader system reads plates day or night, from all 50 States and most foreign countries including Arabic characters. It can also read other alpha-numeric identification systems--even from 1500 feet in the air. The MPH-900 ALPR system minimizes the guesswork and safety risks that challenge officers every day.

The MPH-900 has unique capabilities, many of which are much more advanced than features of other mobile ALPR systems.

### CarSystem 6: Expect More From Your ALPR System

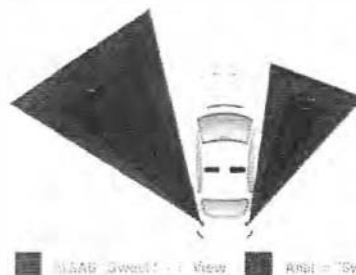
CarSystem 6 is the latest version of ELSAG's in-vehicle user interface. This application monitors the activity of the ALPR cameras connected to the onboard PC. It gives the user a view of the license plates being read, alarms generated by those reads when compared against hot lists, and reports the status of the system. CarSystem 6 can also be installed on a fixed camera and reviewed remotely.

### Features of CarSystem 6:

- More intuitive use interface
- Greater hot list flexibility
- Expanded mapping
- New Officer's notes field for capturing real-time information
- New pending alarm view
- Enhanced reporting at the vehicle level
- New image zoom capabilities
- Easy hot list reference

### Digital Camera Technology.

The MPH-900 ALPR's digital cameras see more than analog cameras do. Compared to the analog cameras used by all other ALPR systems, images taken by the MPH-900's digital cameras capture nearly twice the physical area--the sweet spot--and that means more information for law enforcement. While images taken with analog cameras show little more than the license plate, MPH-900 ALPR cameras show the plate, a significant portion of the car and part of the car's surroundings--day or night and in any weather. This visual information can greatly aid investigations.



The MPH-900 ALPR takes "progressive scan" images, which present a better quality image than competitive technology using the "interlace scan" method. Progressive scans are digital and license plate images are read and captured one line at a time, sequentially. A progressive scan produces a far clearer read, providing more detail and a larger image area than the analog "interlaced scans" used by competitive ALPR systems. With interlaced scans, the camera can only record every other line of the license plate over two separate scans. In a final step, the system weaves the two scans together to form one complete image.



#### Safety

The Mobile Plate Hunter-900 operates behind the scenes on the in-car computer allowing officers to keep their hands on the wheel and eyes on the scene.

When the MPH-900 reads a license plate number that matches a 'Hot List' file, officers are alerted immediately. The alert communicates the nature of the crime or infraction associated with the plates so officers understand the risks associated with the situation before ever getting out of the car and can prepare for safe interdiction.

#### Real Time Technology of the Mobile Plate Hunter-900 ALPR System

Real time technology of the MPH-900 greatly increases the odds of resolving issues and in severe situations, can be the difference between life and death. Our advanced License Plate Reader system:

- Captures up to 1,800 license plate reads per minute, day or night, accurately recognizing plates from all 50 states, Canada, Mexico and many Arabic characters
- Processes parked and moving vehicles across up to 4 lanes of traffic, day or night, in any weather
- Transit speed up to 150mph (241kph) can be easily managed by our License Plate Reader system. It exceeds the normal speed of vehicles through the pathway (due to pathway infrastructure limitations)
- Allows officers to update "Hot Lists" manually at any time and also query them for new tags that may match a recently captured vehicle
- Alerts officers within milliseconds if a vehicle is suspect
- The ALPR translates a digital image into data, checks the information against an onboard hot list, and returns an alarm back to the operator in milliseconds for appropriate interdiction
- Hot Lists can be updated manually or wirelessly
- Officers can search ALPR system for previous reads at any time in reaction to notification of a suspect vehicle

#### Criminal Intelligence Capabilities of the MPH-900 ALPR System

The MPH-900 captures thousands of license plates during a shift. Data recorded for each includes date and time stamp, photo of the vehicle and its immediate area, and GPS coordinates. After-action analysis of this data from relevant periods of time can lead to:

- Witness identification
- Watch List development
- Placing suspect at a scene
- Terrorist interdiction
- Pattern recognition

#### Other features of the MPH-900 License Plate Reader System:

- Processor unit is the size of a small box for easy storage in trunk of a vehicle.
- The MPH-900 License Plate Reader requires less than 60W of 12V DC to function.
- The MPH-900 communicates with an agency's operations center (Command Center) for alarm notification and throughout the day for database update.

For further information on ELSAG North America's License Plate Recognition solutions and other Public Safety technology, please contact us at [info@elsag.com](mailto:info@elsag.com) or call 1-877-77-ELSAG (35724).

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Automatic License Plate Reader is also known by the following terms: ALPR, LPR, Technology, License Plate Recognition, License Plate Camera, Car Plate Reader, Automatic License Plate Reader, ANPR. For more information about ELSAG's (MCH-900) digital Automatic License Plate Reader technology, contact us at [info@elsag.com](mailto:info@elsag.com).