

ASAP

ADVANCED SURVEILLANCE AND PROTECTION



Los Angeles County Sheriff's Department

Automatic License Plate Recognition-ALPR

Deployed on radio cars



or at fixed locations

Automatic License Plate Recognition Cameras

3 camera assemblies located on radio light bar



Each camera assembly contains a color camera and an infrared camera



Mobile ALPR

Deputies view of monitor



Fixed Cameras in Compton





The original concept of License Plate Recognition was to identify stolen vehicles. Since its deployment, additional applications have been implemented and continue to develop,

Benefits of ALPR/BOSS

- ALPR has the "ability" to read more than 14,000 license plates during the course of a shift (does not read black or blue),
- can read a license plate, coming in the opposite direction, at over 160mph (closing speed)
- provides an overview photograph of the vehicle and its license plate,
- imbeds a "stamp" of the date, time, GPS coordinates, and other data,
- can also obtain the license plate in difficult conditions. For example, poor lighting conditions, or when the vehicle is approaching and it's headlights make it difficult to read.

Here's an example;



BOSS 47N R3A

- HOME
- REPORTS
- ADMIN
- CLIENTS
- GROUPS
- USERS
- HOT-LISTS
- TARGETS
- DISPOSITIONS
- SYSTEM
- PIPS
- ALARMS
- MY PROFILE
- PRINT
- SIGN OUT

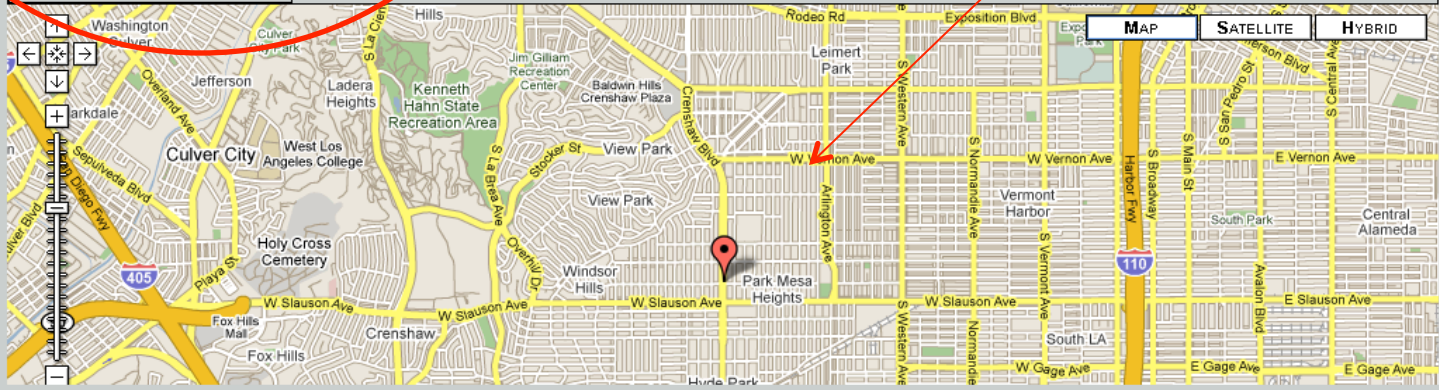


6CVJ051 **6CVJ051**

LOGIN ID: MDR
CONFIDENCE: 98
TIMESTAMP: 7/23/2009 1:14:02 AM
LOCATION: MDR-M-SD7012

GPS: 33.9112, -118.330875

Stolen Vehicle	6CVJ051							CA1920090714
----------------	---------	--	--	--	--	--	--	--------------



Applications for ALPR

- locate wanted/stolen vehicles,
- identify vehicles with L.A. County misdemeanor warrants of \$26,000 or greater, all felony warrants, and no bail warrants,
- locate vehicles identified by the Amber alert system,
- locate vehicles which are frequently sold or not registered,
- assist in traffic enforcement by identifying drivers with outstanding DUI's, suspended license warrants. which frequently result in higher hit and runs collisions,
- monitor "party calls" where assaults and homicides sometimes occur, providing critical investigative information,
- monitor locations of suspected narcotic or gang activity,
- monitor motels where criminals may attempt to hide and evade law enforcement, or large parking lots,

-provide data for department investigators to search areas impacted by rising crime rate such as residential burglaries, vehicle burglaries and thefts,

-provide data where station desk personnel can access license plate information related to, "just occurred" calls. That information can be provided to responding units where detailed vehicle information can be updated from photographs in the BOSS system, extremely useful to Sheriff department Area units, possible direction of travel or destinations can be provided, follow vehicles may be identified,

- additional victims and witnesses may be identified. Investigators have deployed ALPR in locations where a crime has occurred, identified motorists who commute in that area during that time period,

- it may also be useful in clearing someone of an allegation and help determine the truthfulness of a suspect or witness,

Brief overview of an ALPR car

Deputies will download the updated wanted/stolen information via a wireless connection at their station,



During or at the end of their shift, they can upload their scans/reads to the BOSS server which will now be available to department investigators,



Important considerations regarding access to the data;

The Department of Justice (DOJ) provides updated lists of stolen/wanted vehicles 3 times a day,

2:45 AM

10:45 AM

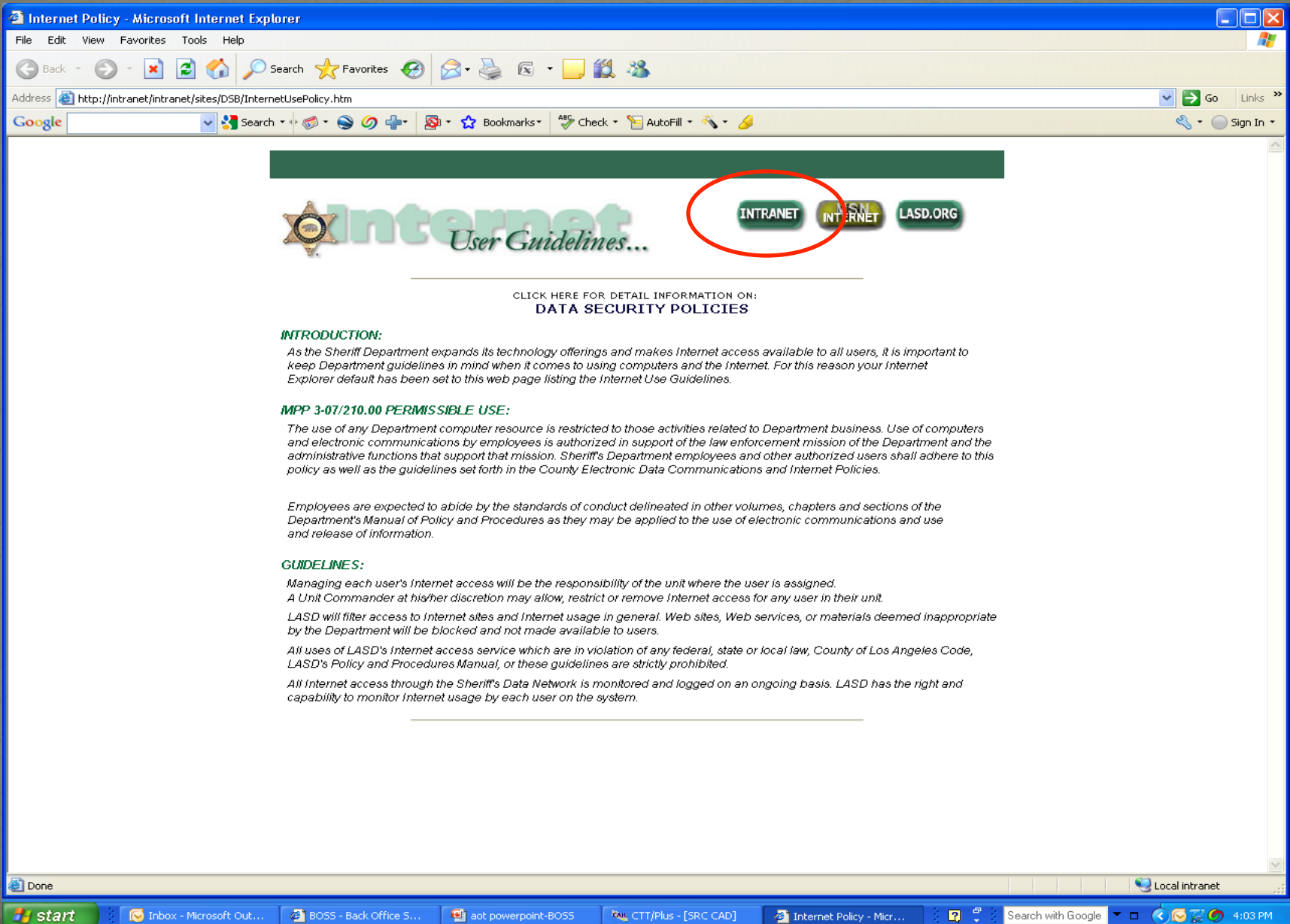
6:45 PM

Warrant information is updated 2 times a day,

Scans or reads are stored in the processor located in the trunk, until the deputy uploads the data at the station to the server,

Patrol deputies have the ability to manually enter license plates into their ALPR system, (i.e a 215 P.C. just occurred),

How to access the BOSS system



Internet Policy - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <http://intranet/intranet/sites/DSB/InternetUsePolicy.htm>

Google Search Bookmarks Check AutoFill Sign In

Internet User Guidelines...

INTRANET **INTERNET** **LASD.ORG**

CLICK HERE FOR DETAIL INFORMATION ON:
DATA SECURITY POLICIES

INTRODUCTION:
As the Sheriff Department expands its technology offerings and makes Internet access available to all users, it is important to keep Department guidelines in mind when it comes to using computers and the Internet. For this reason your Internet Explorer default has been set to this web page listing the Internet Use Guidelines.

MPP 3-07/210.00 PERMISSIBLE USE:
The use of any Department computer resource is restricted to those activities related to Department business. Use of computers and electronic communications by employees is authorized in support of the law enforcement mission of the Department and the administrative functions that support that mission. Sheriff's Department employees and other authorized users shall adhere to this policy as well as the guidelines set forth in the County Electronic Data Communications and Internet Policies.

Employees are expected to abide by the standards of conduct delineated in other volumes, chapters and sections of the Department's Manual of Policy and Procedures as they may be applied to the use of electronic communications and use and release of information.

GUIDELINES:
Managing each user's Internet access will be the responsibility of the unit where the user is assigned. A Unit Commander at his/her discretion may allow, restrict or remove Internet access for any user in their unit. LASD will filter access to Internet sites and Internet usage in general. Web sites, Web services, or materials deemed inappropriate by the Department will be blocked and not made available to users. All uses of LASD's Internet access service which are in violation of any federal, state or local law, County of Los Angeles Code, LASD's Policy and Procedures Manual, or these guidelines are strictly prohibited. All Internet access through the Sheriff's Data Network is monitored and logged on an ongoing basis. LASD has the right and capability to monitor Internet usage by each user on the system.

Done Local intranet

start | Inbox - Microsoft Out... | BOSS - Back Office S... | aot powerpoint-BOSS | CTT/Plus - [SRC CAD] | Internet Policy - Mic... | Search with Google | 4:03 PM



In Memoriam .



The Los Angeles County Sheriff's Department - Santa Clarita Valley Station is saddened to announce the loss of one of its deputies. After a long and hard fought battle, Deputy Randy Hamson succumbed to injuries he sustained after being struck by a car on Saturday, August 16, 2004.

Global Search

Search by Category

Powered By Google

- Home General Info Administrative Organizational Library News & Highlights Web Applications Employee Services Tech Support/Services Other Links

What's New ?



This site provides information on various development efforts underway or exploration of new technologies for adoption throughout the department.



Sheriff's Communications Center better known as SCC is one of the largest and most complex communications systems in the entire nation - Read more about its evolution - 50 years and a world of difference! [SCC: then and now](#)

Crime Scene 3-D Laser Scanner . .

SEE IT IN ACTION!



Sheriff's Corner



Leadership Message from the Sheriff

This is a new series of articles written by the Sheriff himself which will incorporate our Core Values and Department Creed, as we utilize them in the performance of our duties.



Baca Boards

Building a structure around a vision

LASER Achievements

" To memorialize and celebrate our time and effort, I have highlighted some of our major achievements over the past four years to celebrate and acknowledge our endeavors... "

Public Trust Policing

Sheriff's Philosophy on Public Trust

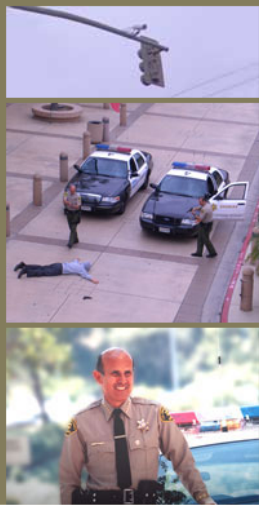
ASAP

ADVANCED SURVEILLANCE AND PROTECTION

-  [Back to LASD Intranet](#)
-  [ASAP Home](#)
-  [Integrated Technologies](#)
-  [Compton ASAP Pilot](#)
-  [Compton Project Phases](#)
-  [Contact Us!](#)



- ## ASAP TOOLS
-  [License Plate Recognition Search Engine](#)
 -  [ASAP Deployment !\[\]\(2bcc37677ea6b96900e4d746ad300082_img.jpg\)](#)
 -  [ASAP Tutorials](#)
 -  [ASAP News](#)
 -  [ASAP Success Stories](#)



ADVANCED SURVEILLANCE AND PROTECTION - ASAP

The Los Angeles County Sheriff's Department enjoys a tradition of leadership and excellence in law enforcement tactics, training, and technology. Consistent with that reputation, our Department is piloting the Advanced Surveillance and Protection (ASAP) plan to assist with our gang and crime fighting efforts.

ASAP features a variety of technologies such as high-definition digital video surveillance, acoustic gunshot detection, automatic license plate recognition (ALPR), and other advanced wireless components, integrated into a command center functioning with station dispatch. Some of the technical components have already been used by the Sheriff's Department and throughout the country for limited law enforcement applications. ASAP will serve to expand the use of advanced technologies in the field, strengthen criminal prosecution with video evidence, and provide real-time intelligence to improve officer safety.

The ASAP pilot will be deployed at Compton Station, with the initial phases of Compton ASAP being funded through the generous support of corporate partners such as Belkin and Target Corporations.

The Sheriff's Technical Services Division is establishing the best practices and coordinating deployment throughout the Department. Many of our contract cities are already working with the Sheriff's Department to develop a strategy to deploy ASAP or some of its components within their communities.

For information on ASAP, contact the ASAP Unit at 562-345-4390 or email ASAP@lasd.org

ASAP TOOLS



License Plate Recognition
Search Engine



ASAP Deployment



ASAP Tutorials



ASAP News



ASAP Success Stories

Log in screen

PIPS TECHNOLOGY **BOSS** 47N R3A

HOME
REPORTS
ADMIN
SYSTEM
PIPS
ALARMS
MY PROFILE
PRINT
SIGN OUT

LOGIN NAME:
PASSWORD:

[FORGOT YOUR LOGIN NAME OR PASSWORD?](#)

BOSS: BACK OFFICE SYSTEM SERVER **COPYRIGHT (C) 2007 BY PIPS TECHNOLOGY, INC.**

Done Local intranet

start | Inbox - Microsoft Out... | CTT/Plus - [SRC CAD] | Detective presentation | Los Angeles County S... | BOSS - Back Office S... | Search with Google | 10:32 AM

LOGIN NAME:

187

PASSWORD:

187

Logon

FORGOT YOUR LOGIN NAME OR PASSWORD?



- HOME
- REPORTS
- ADMIN
- SYSTEM
- PIPS
- ALARMS
- MY PROFILE
- PRINT
- SIGN OUT

HELLO HOMICIDE BUREAU, WELCOME TO BOSS.

<u>READS</u>
7924264
<u>HITS</u>
15430
<u>MISREADS</u>
255
<u>AUDIT INFOS</u>
48789
<u>TARGETS</u>
0
<input type="checkbox"/> BOSS STATS (INCLUDE ALL ARCHIVES)

HOME

REPORTS

ADMIN

SYSTEM

PIPS

ALARMS

MY PROFILE

PRINT

SIGN OUT


▪

BOSS - Back Office System Server - Microsoft Internet Explorer


File Edit View Favorites Tools Help

Address <http://4-icn-alpr-web:8088/BOSS/GUI/Forms/Default/Default.aspx>

Google Go Bookmarks 12 blocked Check AutoLink AutoFill Send to Settings



REPORTS

 [FULL SEARCH](#)

HOME
REPORTS
ADMIN
SYSTEM
PIPS
ALARMS
MY PROFILE
PRINT
SIGN OUT

BOSS: BACK OFFICE SYSTEM SERVER **COPYRIGHT (C) 2007 BY PIPS TECHNOLOGY, INC.**

javascript: __doPostBack('btnAdmin','') Local intranet

start | Inbox - Microsoft Out... | CTT/Plus - [SRC CAD] | Detective presentation | Los Angeles County S... | BOSS - Back Office S... | Search with Google | 10:38 AM

Search screen



- HOME
- REPORTS
- ADMIN
- SYSTEM
- PIPS
- ALARMS
- MY PROFILE
- PRINT
- SIGN OUT

NEW SEARCH

LICENSE PLATE

LOCATION

ADDRESS

RADIUS

OPTIONS

START DATE AND TIME 30 Apr 2009 12 48

END DATE AND TIME 30 Jul 2009 12 48

LOGIN

INFORMATION

MI KM

No PAGING FROM ARCHIVED DATA

SERVERS

- Local
- All Servers
- Long Beach PD
- El Segundo PD
- Burbank PD
- La Verne PD
- Monrovia PD
- Glendora PD
- Torrance PD
- CSU Long Beach PD
- Irwindale PD
- Arcadia PD
- South Pasadena PD
- San Gabriel PD
- Glendale PD
- Beverly Hills PD
- Monterey Park PD
- Sierra Madre PD
- Gardena PD
- Vernon PD
- Hawthorne PD

Local ← All lasd vehicles/sights

All Servers ←

Long Beach PD

El Segundo PD

Burbank PD

La Verne PD

Monrovia PD

Glendora PD

Torrance PD

CSU Long Beach PD

Irwindale PD

Arcadia PD

South Pasadena PD

San Gabriel PD

Glendale PD

Beverly Hills PD

Monterey Park PD

Sierra Madre PD

Gardena PD

Vernon PD

Hawthorne PD

LAPD

Manhattan Beach PD

Pasadena PD

South Gate PD

Search

Outside Agency Servers

BOSS - Back Office System Server - Microsoft Internet Explorer

Address: http://4-icn-alpr-web:8088/BOSS/GUI/Forms/Default/Default.aspx

Google Search

BOSS 47N R3A

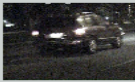

HOME
REPORTS
ADMIN
SYSTEM
PIPS
ALARMS
MY PROFILE
PRINT
SIGN OUT

SEARCH RESULTS

ARCADIA PD SERVER RESULT SET

EVENTS(1) [EXPORT](#) [SAVE As..](#) [PDF](#)

MAX RESULTS: 1000 NAME AS:



	VLP	TIMESTAMP	OVERVIEW	PATCH	INFORMATION	LOGIN
SELECT	5MPZ281	6/27/2009 1:38:03 AM				241

1

SOUTH PASADENA PD SERVER RESULT SET

EVENTS(1) [EXPORT](#) [SAVE As..](#) [PDF](#)

MAX RESULTS: 1000 NAME AS:

	VLP	TIMESTAMP	OVERVIEW	PATCH	INFORMATION	LOGIN
SELECT	5MPZ281	7/13/2009 2:50:14 PM				0805

1

BOSS: BACK OFFICE SYSTEM SERVER COPYRIGHT (C) 2007 BY PIPS TECHNOLOGY, INC.

Connected to BOSS dispatch. Local intranet

start Los Angeles County S... BOSS - Back Office S... Search with Google 5:34 AM

Searching a license plate,

NEW SEARCH

LICENSE PLATE

1ABC123

LOCATION

ADDRESS

RADIUS

OPTIONS

MISREADS ONLY

HITS ONLY

START DATE AND TIME

28 ▾ Sep ▾ 2008 ▾

13 ▾ 42 ▾

END DATE AND TIME

26 ▾ Oct ▾ 2009 ▾

13 ▾ 42 ▾

Searching a partial license plate,

NEW SEARCH

LICENSE PLATE

1ABC*

LOCATION

ADDRESS

RADIUS

OPTIONS

MISREADS ONLY

HITS ONLY

START DATE AND TIME

28 Sep 2008

13 42

END DATE AND TIME

26 Oct 2009

13 42

1ABC*
*C123
ABC

1AB_123
1A_C1_3
*ABC__3

Searching by an LASD/ALPR vehicle

NEW SEARCH

LICENSE PLATE

LOCATION

ADDRESS

RADIUS

OPTIONS

MISREADS ONLY

HITS ONLY

START DATE AND TIME

END DATE AND TIME

Searching an address or area

NEW SEARCH

LICENSE PLATE

LOGIN

LOCATION

INFORMATION

ADDRESS

12440 E. Imperial Hwy, Norwalk

RADIUS

5.0

MI KM

OPTIONS

MISREADS ONLY

HITS ONLY

No PAGING

START DATE AND TIME

30 ▾ Apr ▾ 2009 ▾ 12 ▾ 48 ▾

SERVERS

END DATE AND TIME

30 ▾ Jul ▾ 2009 ▾ 12 ▾ 48 ▾

Local

Searching by date(s)

NEW SEARCH

LICENSE PLATE

LOCATION

ADDRESS

RADIUS

OPTIONS

MISREADS ONLY

HITS ONLY

START DATE AND TIME

28 ▾ Sep ▾ 2008 ▾ 13 ▾ 42 ▾

END DATE AND TIME

26 ▾ Oct ▾ 2009 ▾ 13 ▾ 42 ▾

and times,

NEW SEARCH

LICENSE PLATE

LOCATION

ADDRESS

RADIUS

OPTIONS

MISREADS ONLY

HITS ONLY

START DATE AND TIME

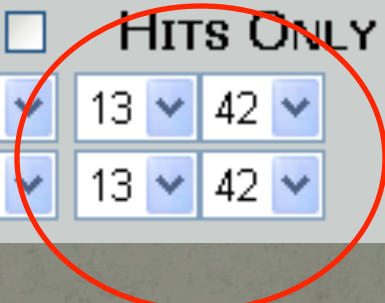
28 ▼ Sep ▼ 2008 ▼

13 ▼ 42 ▼

END DATE AND TIME

26 ▼ Oct ▼ 2009 ▼

13 ▼ 42 ▼



Search by station

LOGIN

INFORMATION

CAS

MI KM

No PAGING FROM ARCHIVED DATA

SERVERS

Local

Search beyond 45 days

Date and time

Vehicle photo

SELECT	4XOY215 USCA	7/30/2009 12:13:14 PM		4XOY215	LACO WARRANT: LAM9MP0705901, 23152(A)/VC MISDEMEANOR,	YES-34
SELECT	5RTK715 USCA	7/30/2009 11:47:44 AM		5RTK715	STOLEN VEHICLE: CA1920090608	YES-14
SELECT	3LZH558 USCA	7/30/2009 11:22:05 AM		3LZH558	LOST OR STOLEN PLATE: CA1920070330	YES-29
SELECT	4GFT279 USCA	7/30/2009 11:13:14 AM		4GFT279	LOST OR STOLEN PLATE: CA1920090105	YES-33
SELECT	5ZQC130	7/30/2009 10:23:36 AM		5ZQC130	LACO WARRANT: P49854919000, 12500A/VC MISDEMEANOR,	PLM
SELECT	5ZQC130	7/30/2009 10:22:53 AM		5ZQC130	LACO WARRANT: P49854919000, 12500A/VC MISDEMEANOR,	PLM
SELECT	7K53665	7/30/2009 9:33:38 AM		7K53665	LACO WARRANT: LC7BF0568501, 14601.1(A)/VC MISDEMEANOR,	GEN
SELECT	7Y51579	7/30/2009 8:55:08 AM		7Y51579	LOST OR STOLEN PLATE: CA5420080905	GEN

Both license plates

You MUST compare these plates. All hits must be confirmed.



BOSS 47N R3A

- HOME
- REPORTS
- ADMIN
- SYSTEM
- PIPS
- ALARMS
- MY PROFILE
- PRINT
- SIGN OUT

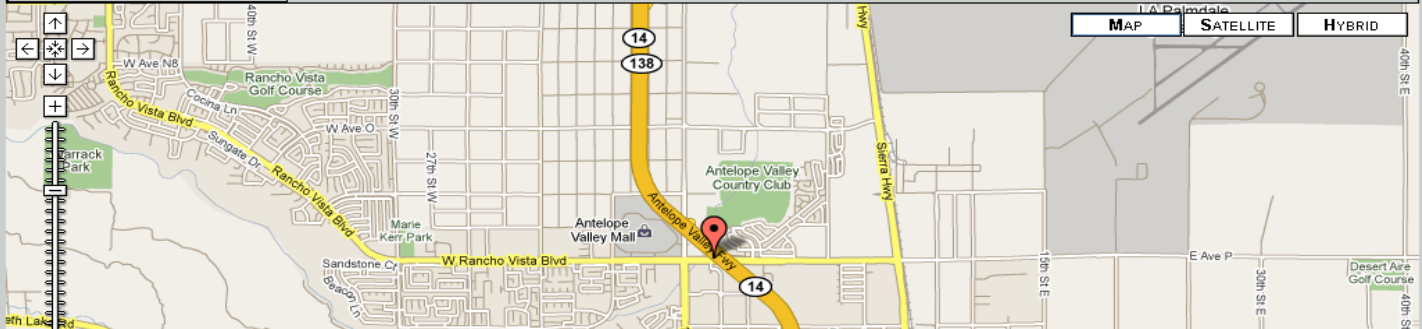


LOGIN ID: PLM
CONFIDENCE: 95
TIMESTAMP: 7/30/2009 10:23:36 AM
LOCATION: PLM-M-SD7000

 **5ZQC130**

SPS: 34.601925, -118.14427

LACO Warrant	5ZQC130	HUNTER, MARIO ULLYSES	M/B DOB: 01/05/1977		\$60,035.00	P49854919000, 12500A/VC MISDEMEANOR,
--------------	---------	-----------------------	---------------------	--	-------------	--------------------------------------



BOSS: BACK OFFICE SYSTEM SERVER

COPYRIGHT (C) 2007 BY PIPS TECHNOLOGY, INC.

If they do not match, it did not check the data base correctly, but the scanned plate may still be identifiable.

GPS map

File Edit View Favorites Tools Help



Address <http://4-icn-alpr-web:8088/BOSS/GUI/Forms/Default/Default.aspx>

Google Search



BOSS

47N R3A

TIMESTAMP: 7/30/2009 10:23:30 AM

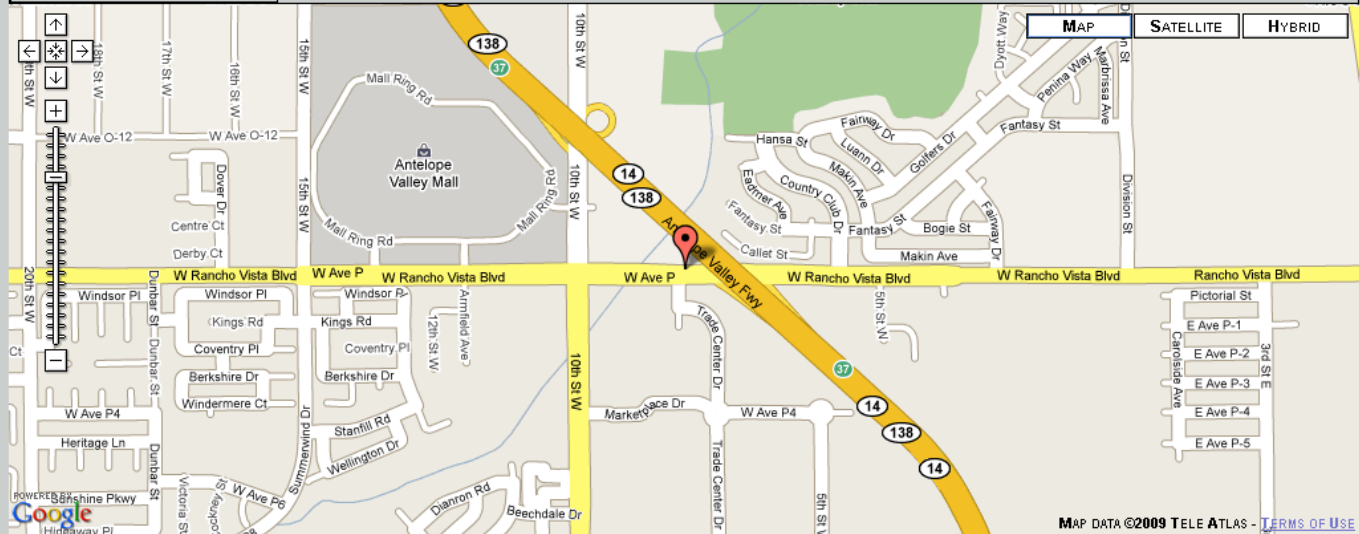
LOCATION: PLM-M-SD7000

5ZQC130

GPS: 34.601925, -118.14427

- HOME
- REPORTS
- ADMIN
- SYSTEM
- PIPS
- ALARMS
- MY PROFILE
- PRINT
- SIGN OUT

LACO Warrant	5ZQC130	HUNTER, MARIO ULLYSSES	M/B DOB: 01/05/1977		\$60,035.00	P49854919000, 12500A/VC MISDEMEANOR,
--------------	---------	------------------------	---------------------	--	-------------	--------------------------------------



BOSS: BACK OFFICE SYSTEM SERVER

COPYRIGHT (C) 2007 BY PIPS TECHNOLOGY, INC.

Connected to BOSS.dispatch

Local intranet


Satellite view

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites Recycle Bin Mail Print Folders People


Address <http://4-icn-alpr-web:8088/BOSS/GUI/Forms/Default/Default.aspx> Go

Google Search Bookmarks Check AutoFill Sign

 **BOSS** 47N R3A

TIMESTAMP: 7/30/2009 10:23:30 AM


LOCATION: PLM-M-SD7000

 **5ZQC130**

GPS: 34.601925, -118.14427

LACO Warrant	5ZQC130	HUNTER, MARIO ULLYSSES	M/B DOB: 01/05/1977		\$60,035.00	P49854919000, 12500A/VC MISDEMEANOR,
--------------	---------	------------------------	---------------------	--	-------------	--------------------------------------

MAP **SATELLITE** HYBRID



IMAGED BY Google

IMAGERY ©2009 DIGITALGLOBE, GEOEYE, U.S. GEOLOGICAL SURVEY - TERMS OF USE

BOSS: BACK OFFICE SYSTEM SERVER **COPYRIGHT (C) 2007 BY PIPS TECHNOLOGY, INC.**

Deputies in the cars can enter license plates they wish to search for. An example might be a 215 P.C. just occurred.


An investigator can also request the field deputy to enter a plate that they are trying to locate.

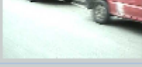




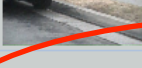


The advantage to a manual entry is that the car's ALPR system is updated immediately and you do not have to wait for the deputy to update at the station through the wireless connection.

Once the field deputy conducts the wireless update, the manual entry is deleted from the radio car and entered into BOSS. It does not update the other vehicles that the vehicle is wanted.

A manual entry in BOSS may look like a scan, but it is not. The difference is that there is no photograph of the scan, the "confidence" number is "100", and the location will be the GPS where the entry was made, (i.e. a Sheriff's station).

A Century deputy manually entered a stolen vehicle they were looking for,



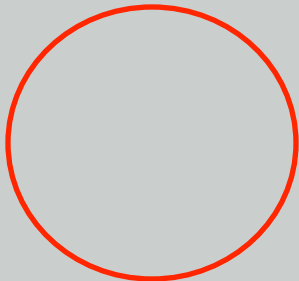
SELECT	5ZPY443	7/29/2009 6:42:58 AM		5ZPY443	LACO WARRANT: PAS8PS6811301, 12500(A)/VC MISDEMEANOR,	CVS
SELECT	5ZPY443	7/29/2009 6:42:58 AM		5ZPY443	LACO WARRANT: PAS8PS6811301, 12500(A)/VC MISDEMEANOR,	CVS
SELECT	5EDR699	7/29/2009 6:38:13 AM		5EDR699	LOST OR STOLEN PLATE: CA3020070216	ELA
SELECT	5SDF554	7/29/2009 6:35:52 AM		5SDF554	LACO WARRANT: 911916719420, 146011A/VC INFRACTION,	LNK
SELECT	5SOH313	7/29/2009 6:20:58 AM			STOLEN VEHICLE: CA1920090729	CEN
SELECT	6Y50886	7/29/2009 6:11:37 AM		6Y50886	LACO WARRANT: COM9CP0154101, 14601.1(A)/VC MISDEMEANOR,	CEN
SELECT	6Y50886	7/29/2009 6:10:16 AM		6Y50886	LACO WARRANT: COM9CP0154101, 14601.1(A)/VC MISDEMEANOR,	CEN
SELECT	5MME718	7/29/2009 6:05:02 AM		5MME718	STOLEN VEHICLE: CA1920090726	LNK
SELECT	5MME718	7/29/2009 6:03:48 AM		5MME718	STOLEN VEHICLE: CA1920090726	LNK

No vehicle photo

"Confidence" level is "100"



BOSS 47N R3A



LOGIN ID: CEN

CONFIDENCE: 100

TIMESTAMP: 7/29/2009 6:20:58 AM

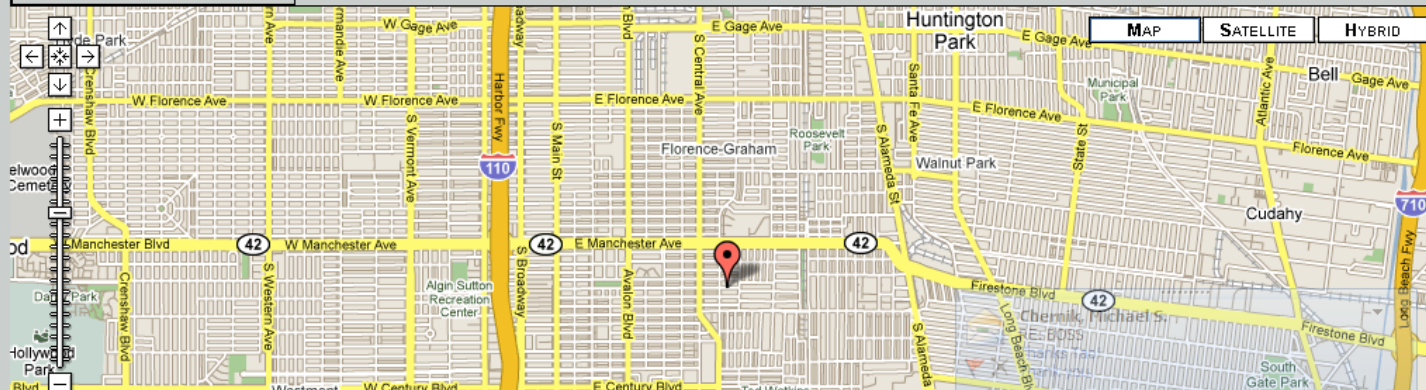
LOCATION: CEN-M-SD5837

5SOH313

GPS:

33.95564, -118.253298333333

Stolen Vehicle	5SOH313						CA1920090729
----------------	---------	--	--	--	--	--	--------------



IVER

COPYRIGHT (C) 2007 BY PIPS TECHNOLOGY, INC.

Export Function

Each results page will have an "Export" function link. This will export all relative information from the results page. This can then be entered into an Excel spreadsheet, WORD document, etc

The screenshot shows a Microsoft Internet Explorer browser window displaying the BOSS (Back Office System Server) web application. The address bar shows the URL: <http://146.233.6.211:8088/BOSS/GUI/Forms/Default/Default.aspx>. The page header includes the PIPS Technology logo, the BOSS logo, and the text "47N R3A".

The main content area is titled "SEARCH RESULTS" and contains a "LOCAL SERVER RESULT SET" section. Below this, there is a section for "EVENTS(31)" with an "EXPORT" link. The "MAX RESULTS" is set to 1000. The results are displayed in a table with columns for "VLP", "TIMESTAMP", "OVERVIEW", "PATCH", and "INFORMATION".

	VLP	TIMESTAMP	OVERVIEW	PATCH	INFORMATION
SELECT	4UTX425	2007-04-18 12:50:54 PM			
SELECT	4UTX425	2007-04-18 5:37:22 PM			
SELECT	4ATU421	2007-04-19 12:29:07 AM			
SELECT	4LTG429	2007-04-21 12:23:29 AM			

The footer of the page contains the text "BOSS: BACK OFFICE SYSTEM SERVER" and "COPYRIGHT (C) 2007 BY PIPS TECHNOLOGY, INC.". The browser's taskbar shows the Start button, several application icons, and the system tray with the date and time.

Export Function

Displays all information for each vehicle in results. Displays the following: Read ID, Vehicle login, Confidence, Timestamp, GPS location, etc.

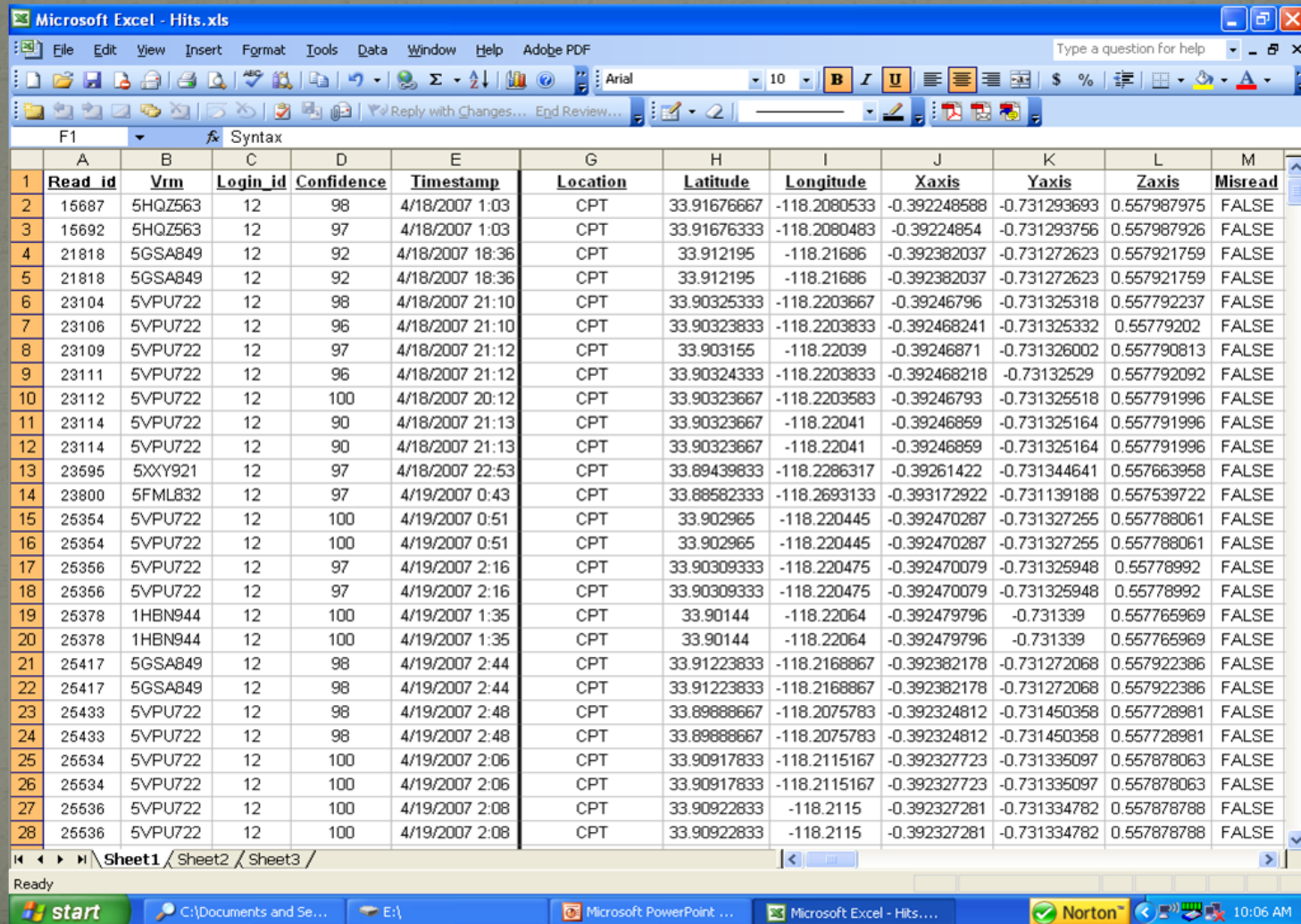
2007-05-24 8:31:53 AM

Read_id	Vrm	Login_id	Confidence	Timestamp	Syntax	Location	Latitude	Longitude	Xaxis	Yaxis	Zaxis	M...
"15687"	"5HQ2563"	"12"	"98"	"2007-04-18 1:03:06 AM"	"", "CPT"	"33.9167666666667"	"-118.208053333333"					
"15692"	"5HQ2563"	"12"	"97"	"2007-04-18 1:03:41 AM"	"", "CPT"	"33.9167633333333"	"-118.208048333333"					
"21818"	"5GSA849"	"12"	"92"	"2007-04-18 6:36:28 PM"	"", "CPT"	"33.912195"	"-118.21686"	"-0.39238203"				
"21818"	"5GSA849"	"12"	"92"	"2007-04-18 6:36:28 PM"	"", "CPT"	"33.912195"	"-118.21686"	"-0.39238203"				
"23104"	"5VPU722"	"12"	"98"	"2007-04-18 9:10:24 PM"	"", "CPT"	"33.9032533333333"	"-118.220366666667"					
"23106"	"5VPU722"	"12"	"96"	"2007-04-18 9:10:37 PM"	"", "CPT"	"33.9032383333333"	"-118.220383333333"					
"23109"	"5VPU722"	"12"	"97"	"2007-04-18 9:12:07 PM"	"", "CPT"	"33.903155"	"-118.22039"	"-0.39246871"				
"23111"	"5VPU722"	"12"	"96"	"2007-04-18 9:12:17 PM"	"", "CPT"	"33.9032433333333"	"-118.220383333333"					
"23112"	"5VPU722"	"12"	"100"	"2007-04-18 8:12:47 PM"	"", "CPT"	"33.9032366666667"	"-118.220358333333"					
"23114"	"5VPU722"	"12"	"90"	"2007-04-18 9:13:41 PM"	"", "CPT"	"33.9032366666667"	"-118.22041"	"-0.39246871"				
"23114"	"5VPU722"	"12"	"90"	"2007-04-18 9:13:41 PM"	"", "CPT"	"33.9032366666667"	"-118.22041"	"-0.39246871"				
"23595"	"5XXY921"	"12"	"97"	"2007-04-18 10:53:50 PM"	"", "CPT"	"33.8943983333333"	"-118.228631666666"					
"23800"	"5FNL832"	"12"	"97"	"2007-04-19 12:43:08 AM"	"", "CPT"	"33.8858233333333"	"-118.269313333333"					
"25354"	"5VPU722"	"12"	"100"	"2007-04-19 12:51:09 AM"	"", "CPT"	"33.902965"	"-118.220445"	"-0.39246871"				
"25354"	"5VPU722"	"12"	"100"	"2007-04-19 12:51:09 AM"	"", "CPT"	"33.902965"	"-118.220445"	"-0.39246871"				
"25356"	"5VPU722"	"12"	"97"	"2007-04-19 2:16:07 AM"	"", "CPT"	"33.9030933333333"	"-118.220475"	"-0.39246871"				
"25356"	"5VPU722"	"12"	"97"	"2007-04-19 2:16:07 AM"	"", "CPT"	"33.9030933333333"	"-118.220475"	"-0.39246871"				
"25378"	"1HBN944"	"12"	"100"	"2007-04-19 1:35:07 AM"	"", "CPT"	"33.90144"	"-118.22064"	"-0.39247979"				
"25378"	"1HBN944"	"12"	"100"	"2007-04-19 1:35:07 AM"	"", "CPT"	"33.90144"	"-118.22064"	"-0.39247979"				
"25417"	"5GSA849"	"12"	"98"	"2007-04-19 2:44:24 AM"	"", "CPT"	"33.9122383333333"	"-118.216886666667"					
"25417"	"5GSA849"	"12"	"98"	"2007-04-19 2:44:24 AM"	"", "CPT"	"33.9122383333333"	"-118.216886666667"					
"25433"	"5VPU722"	"12"	"98"	"2007-04-19 2:48:35 AM"	"", "CPT"	"33.8988866666667"	"-118.207578333333"					
"25433"	"5VPU722"	"12"	"98"	"2007-04-19 2:48:35 AM"	"", "CPT"	"33.8988866666667"	"-118.207578333333"					
"25534"	"5VPU722"	"12"	"100"	"2007-04-19 2:06:51 AM"	"", "CPT"	"33.9091783333333"	"-118.211516666666"					
"25534"	"5VPU722"	"12"	"100"	"2007-04-19 2:06:51 AM"	"", "CPT"	"33.9091783333333"	"-118.211516666666"					
"25536"	"5VPU722"	"12"	"100"	"2007-04-19 2:08:11 AM"	"", "CPT"	"33.9092283333333"	"-118.2115"	"-0.39246871"				
"25536"	"5VPU722"	"12"	"100"	"2007-04-19 2:08:11 AM"	"", "CPT"	"33.9092283333333"	"-118.2115"	"-0.39246871"				
"25791"	"7L00245"	"12"	"100"	"2007-04-19 3:38:06 AM"	"", "CPT"	"33.8959683333333"	"-118.20464"	"-0.39246871"				
"27173"	"5SL1155"	"12"	"98"	"2007-04-19 9:41:20 PM"	"", "CPT"	"33.9111666666667"	"-118.212265"	"-0.39246871"				

BOSS: BACK OFFICE SYSTEM SERVER COPYRIGHT (C) 2007 BY PIPS TECHNOLOGY, INC.

Export Data Pasted into Excel

ALPR data pasted in Excel can be modified and searched for crime analysis



The screenshot displays a Microsoft Excel spreadsheet titled "Hits.xls" with a table of ALPR data. The table has 12 columns and 28 rows of data. The columns are: Read_id, Vrm, Login_id, Confidence, Timestamp, Location, Latitude, Longitude, Xaxis, Yaxis, Zaxis, and Misread. The data includes vehicle identification numbers (Vrm), login IDs, confidence scores, timestamps, locations (CPT), and coordinates (Latitude, Longitude, Xaxis, Yaxis, Zaxis). The Misread column contains the value "FALSE" for all entries.

	A	B	C	D	E	G	H	I	J	K	L	M
	Read_id	Vrm	Login_id	Confidence	Timestamp	Location	Latitude	Longitude	Xaxis	Yaxis	Zaxis	Misread
1	15687	5HQZ563	12	98	4/18/2007 1:03	CPT	33.91676667	-118.2080533	-0.392248588	-0.731293693	0.557987975	FALSE
2	15692	5HQZ563	12	97	4/18/2007 1:03	CPT	33.91676333	-118.2080483	-0.39224854	-0.731293756	0.557987926	FALSE
3	21818	5GSA849	12	92	4/18/2007 18:36	CPT	33.912195	-118.21686	-0.392382037	-0.731272623	0.557921759	FALSE
4	21818	5GSA849	12	92	4/18/2007 18:36	CPT	33.912195	-118.21686	-0.392382037	-0.731272623	0.557921759	FALSE
5	23104	5VPU722	12	98	4/18/2007 21:10	CPT	33.90325333	-118.2203667	-0.39246796	-0.731325318	0.557792237	FALSE
6	23106	5VPU722	12	96	4/18/2007 21:10	CPT	33.90323833	-118.2203833	-0.392468241	-0.731325332	0.55779202	FALSE
7	23109	5VPU722	12	97	4/18/2007 21:12	CPT	33.903155	-118.22039	-0.39246871	-0.731326002	0.557790813	FALSE
8	23111	5VPU722	12	96	4/18/2007 21:12	CPT	33.90324333	-118.2203833	-0.392468218	-0.73132529	0.557792092	FALSE
9	23112	5VPU722	12	100	4/18/2007 20:12	CPT	33.90323667	-118.2203583	-0.39246793	-0.731325518	0.557791996	FALSE
10	23114	5VPU722	12	90	4/18/2007 21:13	CPT	33.90323667	-118.22041	-0.39246859	-0.731325164	0.557791996	FALSE
11	23114	5VPU722	12	90	4/18/2007 21:13	CPT	33.90323667	-118.22041	-0.39246859	-0.731325164	0.557791996	FALSE
12	23114	5VPU722	12	90	4/18/2007 21:13	CPT	33.90323667	-118.22041	-0.39246859	-0.731325164	0.557791996	FALSE
13	23696	5XXY921	12	97	4/18/2007 22:53	CPT	33.89439833	-118.2286317	-0.39261422	-0.731344641	0.557663958	FALSE
14	23800	5FML832	12	97	4/19/2007 0:43	CPT	33.88582333	-118.2693133	-0.393172922	-0.731139188	0.557539722	FALSE
15	25354	5VPU722	12	100	4/19/2007 0:51	CPT	33.902965	-118.220445	-0.392470287	-0.731327255	0.557788061	FALSE
16	25354	5VPU722	12	100	4/19/2007 0:51	CPT	33.902965	-118.220445	-0.392470287	-0.731327255	0.557788061	FALSE
17	25356	5VPU722	12	97	4/19/2007 2:16	CPT	33.90309333	-118.220475	-0.392470079	-0.731325948	0.55778992	FALSE
18	25356	5VPU722	12	97	4/19/2007 2:16	CPT	33.90309333	-118.220475	-0.392470079	-0.731325948	0.55778992	FALSE
19	25378	1HBN944	12	100	4/19/2007 1:35	CPT	33.90144	-118.22064	-0.392479796	-0.731339	0.557765969	FALSE
20	25378	1HBN944	12	100	4/19/2007 1:35	CPT	33.90144	-118.22064	-0.392479796	-0.731339	0.557765969	FALSE
21	25417	5GSA849	12	98	4/19/2007 2:44	CPT	33.91223833	-118.2168867	-0.392382178	-0.731272068	0.557922386	FALSE
22	25417	5GSA849	12	98	4/19/2007 2:44	CPT	33.91223833	-118.2168867	-0.392382178	-0.731272068	0.557922386	FALSE
23	25433	5VPU722	12	98	4/19/2007 2:48	CPT	33.89888667	-118.2075783	-0.392324812	-0.731450358	0.557728981	FALSE
24	25433	5VPU722	12	98	4/19/2007 2:48	CPT	33.89888667	-118.2075783	-0.392324812	-0.731450358	0.557728981	FALSE
25	25534	5VPU722	12	100	4/19/2007 2:06	CPT	33.90917833	-118.2115167	-0.392327723	-0.731335097	0.557878063	FALSE
26	25534	5VPU722	12	100	4/19/2007 2:06	CPT	33.90917833	-118.2115167	-0.392327723	-0.731335097	0.557878063	FALSE
27	25536	5VPU722	12	100	4/19/2007 2:08	CPT	33.90922833	-118.2115	-0.392327281	-0.731334782	0.557878788	FALSE
28	25536	5VPU722	12	100	4/19/2007 2:08	CPT	33.90922833	-118.2115	-0.392327281	-0.731334782	0.557878788	FALSE

The following stat codes are available for ASAP/ALPR;

835-ASAP/ALPR-Mobile

836-ASAP/ALPR-Fixed

837-ASAP-CCTV

838-Gunshot detection

839-ASAP-misc

These stat codes may not be listed in your books. Please include them where possible. Also, any success stories involving ALPR/BOSS can be forwarded to the asapteam@lasd.org.

Email at: ASAPTEAM@LASD.ORG

ASAP

ADVANCED SURVEILLANCE AND PROTECTION

562) 345-4390