



Elsag Operations Center Training

EOC Overview

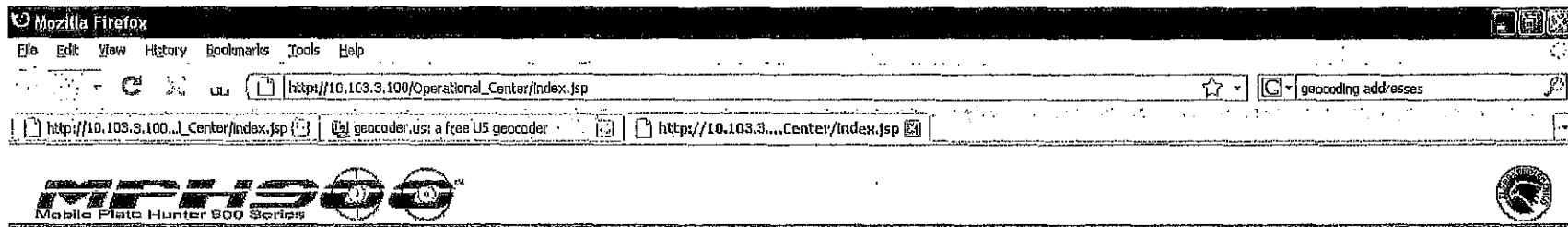


- Data transit and storage
 - Hotlist – manage hotlist for all cars
 - Transfers new hotlist when available
 - Transfers plate read data and images from car to server
- Query/Data Mining tool
 - Query plate information
 - Perform analytics on plate data
 - Statistics

Server Access



- http://gcsc1pr0001/Operational_Center/



User Name :
Password :



Dashboard



Car download status

Object Name	Type	Operation	Start Time	End Time	N.files to transfer	N. transferred files	Last file on car	Last transferred file
Car#1	Completed	HotList	2009/07/08 07:57:12	2009/07/08 07:57:38		0	20090707080049hu_00001.bl	
Car#1	Aborted	Img	2009/07/07 23:06:21		51	0		
Car#1	Completed	Reads	2009/07/07 23:05:32	2009/07/07 23:05:48	1	1		Car_00001_20090707000055.zip
Car#3	Completed	HotList	2009/07/01 14:17:44	2009/07/01 14:17:50		0	20090701080047hu_00001.bl	
Car#22	Completed	HotList	2009/07/08 07:15:22	2009/07/08 07:15:51		0	20090707080049hu_00001.bl	
Car#41	Completed	HotList	2009/07/08 05:59:49	2009/07/08 06:00:14		0	20090707080049hu_00001.bl	
LCSD_Car#8	Completed	HotList	2009/07/03 08:30:52	2009/07/03 08:31:07		1	20090702080051hu_00001.bl	20090703080045hu_00001.zip
LCSD_Car#8	Aborted	Img	2009/07/03 08:33:24		195	97		
LCSD_Car#8	Completed	Reads	2009/07/03 08:32:24	2009/07/03 08:33:19	48	48		Car_00050_20090703000000.zip

- Overview of data transfer status between server and cars
- Hotlist – Completed, Aborted, Failed
 - Date and time of last transfer
 - Last file on Car
- Images – Completed, Aborted, Failed
 - N. files to transfer – number of files on the car that need to go to server
 - N. transferred files – how many files actually made it to server
- Reads – Completed, Aborted, Failed

Dashboard



Import Status

FILE NAME	20090708 75904hr.bl
START TIME	2009/07/08 07:59:05
END TIME	2009/07/08 08:00:55
PHASE 1 STATUS	Ok
PHASE 1 ELAPSED	82
PHASE 1 %	100 %
PHASE 2 STATUS	Ok
PHASE 2 ELAPSED	18
PHASE 2 %	100 %
PHASE 3 STATUS	Ok
PHASE 3 ELAPSED	7
PHASE 3 %	100 %

Statistics : 2009/07/07

Car#1

DATE	READS TOTAL	ACCEPTED ALARMS	REJECTED ALARMS
2009/07/07	2795	1	5

TOTAL	ACCEPTED ALARMS	REJECTED ALARMS
2795	1	5

- Import Status
 - Filename has date in it
 - All three phases should be 100%
- Statistics
 - For last day only

Alarms



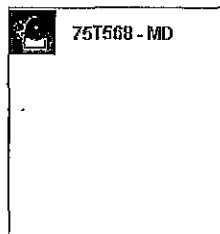
Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://166.161.247.215/Operational_Center/Index.jsp
 http://10.103.3.100..._Center/index.jsp
 geocoder.us: a free US geocoder
 http://166.161.2...enter/Index.jsp



Alarms count: 1/1



75T568 - MD

System admin

Change password

Diagnostic

- Manual Trouble Insertion
- Trouble Management
- Email Address
- Diagnostic Applet

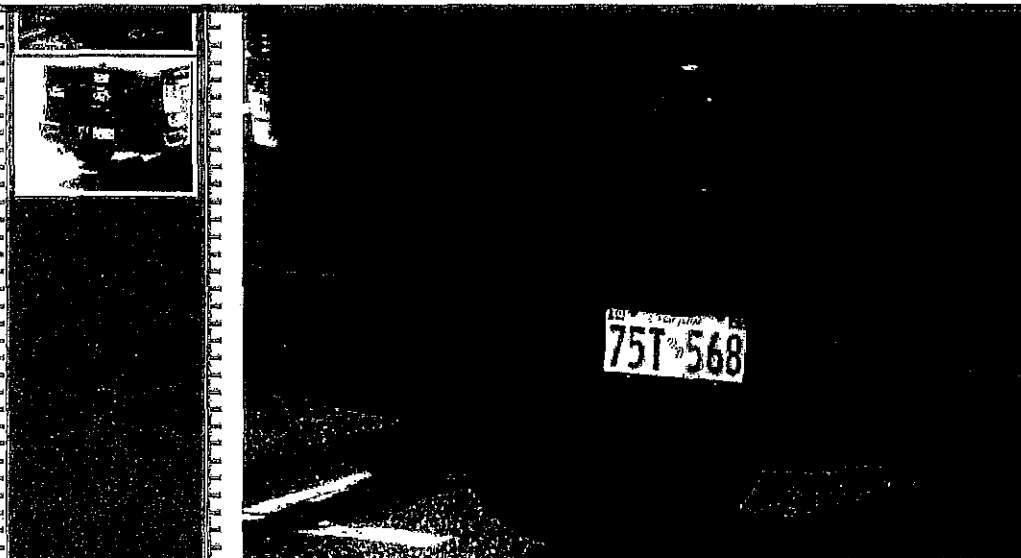
Query/Statistics

Hot List Management

User Config

Data Mining

Parameters Management



Transit Date and Time	2009/07/08 11:03:17	Reader	3rd St. Tunnel SB	Vehicle type		Transit status	Pending Alarm
License Plate: 75T568				State: MD			
	License Plate	State	Alarm Class	Agency	NOTES		
⊕	75T568	MD	01	External	#1 Stolen Vehicle 2010TK2007FORD PKWHI512B12B40DCMPD000020090622		

Done

start Microsoft Office Q... Mozilla Firefox 5 Windows Explorer ELSAG PowerPoint Te... Search Desktop 11:25 AM

Statistics



MPH900
Mobile Plate Hunter 900 Series

Alarms count:

Statistics						
START	Day	07	Month	07	Year	2009
END	Day	08	Month	07	Year	2009
Find						

- To display statistics, simply choose a start and end date

Statistics



Statistics

START	01/07/2009 00:00
END	08/07/2009 23:59

Car#1

DATE	READS TOTAL	ACCEPTED ALARMS	REJECTED ALARMS
2009/07/02	3565	0	4
2009/07/03	3295	4	13
2009/07/04	1562	0	1
2009/07/05	2711	0	7
2009/07/06	2977	0	9
2009/07/07	2795	1	5
TOTAL	16905	5	39

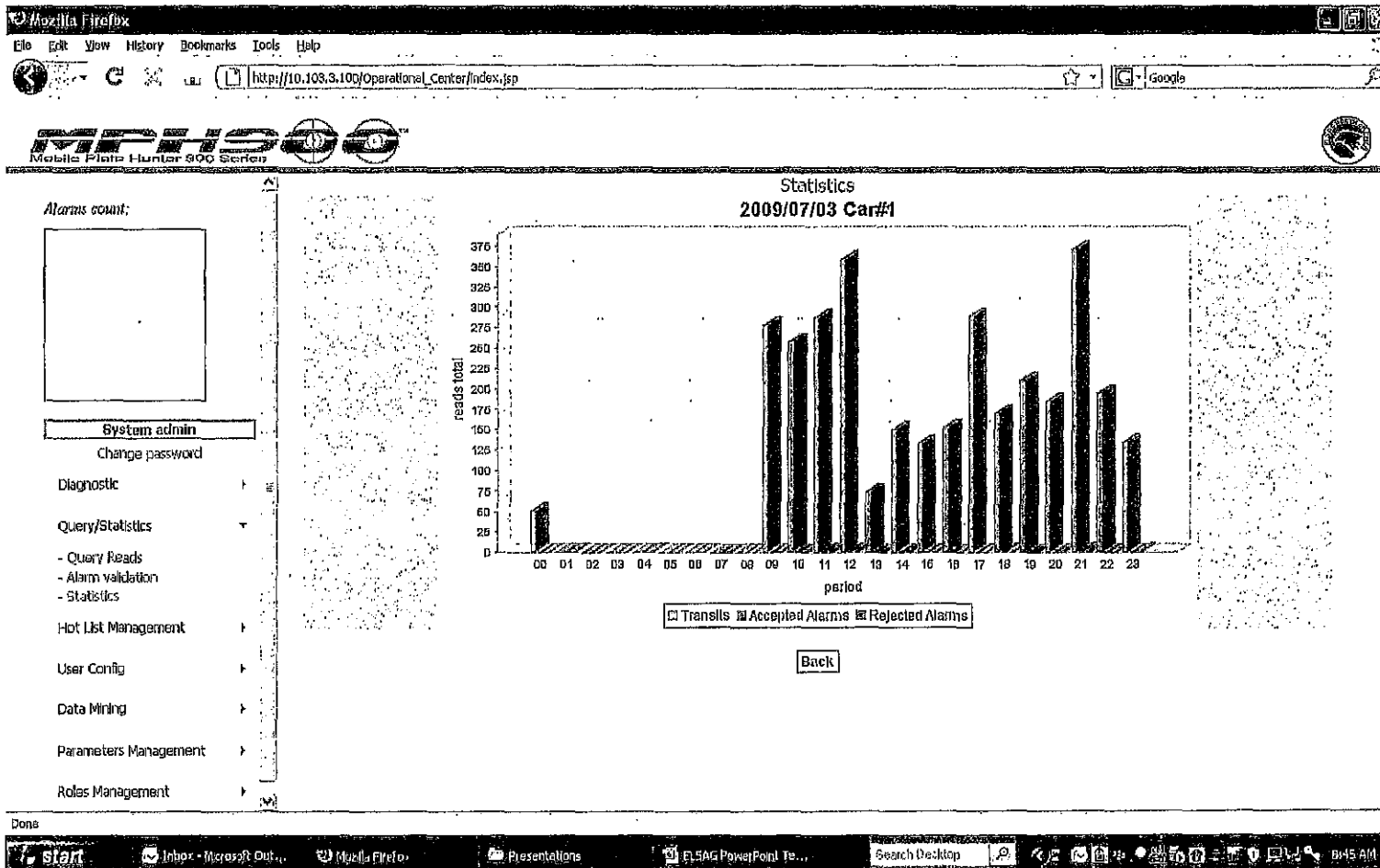
LCSO Car#8

DATE	READS TOTAL	ACCEPTED ALARMS	REJECTED ALARMS
2009/07/01	1304	0	0
2009/07/02	1695	0	0
2009/07/03	6	0	0
TOTAL	3005	0	0

TOTAL	ACCEPTED ALARMS	REJECTED ALARMS
19910	5	39

Back Export

Statistics



Query Page



- Query plate read data

- Time and Date
- Full or Partial Plate
- Per car
- Per Alarm Type and/or Class
- Via map
- Via Location Radius

Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://10.108.3.100/Operational_Center/index.jsp

Google

MPH500
Mobile Plate Hunter 900 Series

Query Reads

Alarms count:

START Day 07 Month 07 Year 2009 Hour 08 Minutes 45

END Day 08 Month 07 Year 2008 Hour 09 Minutes 00

License Plate State

Reader

Transit status

Alarm Class

Deleted Alarm
Expired Alarm
Rejected Alarm
Normal Transit
Pending Alarm
Accepted Alarm

System admin
Change password
Diagnostic
Query/Statistics
Query Reads
Alarm validation
Statistics
Hot List Management
User Config
Data Mining
Parameters Management
Roles Management

Cartographic Tool

Select Geographic Area

Geographic Coordinates

Latitude Longitude Radius (Miles)

Find ☐ Show thumbnail image

Done

start Inbox - Microsoft Outlook Mozilla Firefox Presentations ELSAG PowerPoint Search Desktop 8:16 AM

Query



- Step 1 choose a start and end date and time

START	Day	07	Month	07	Year	2009	Hour	08	Minutes	45
END	Day	08	Month	07	Year	2009	Hour	08	Minutes	00

- Step 2 (optional) choose a full or partial plate and/or state

License Plate State

- Step 3 (optional) choose a car or transit type. If nothing is selected all cars and transit types are included. If alarm type is chosen further filtering via Alarm Class is possible.

Reader

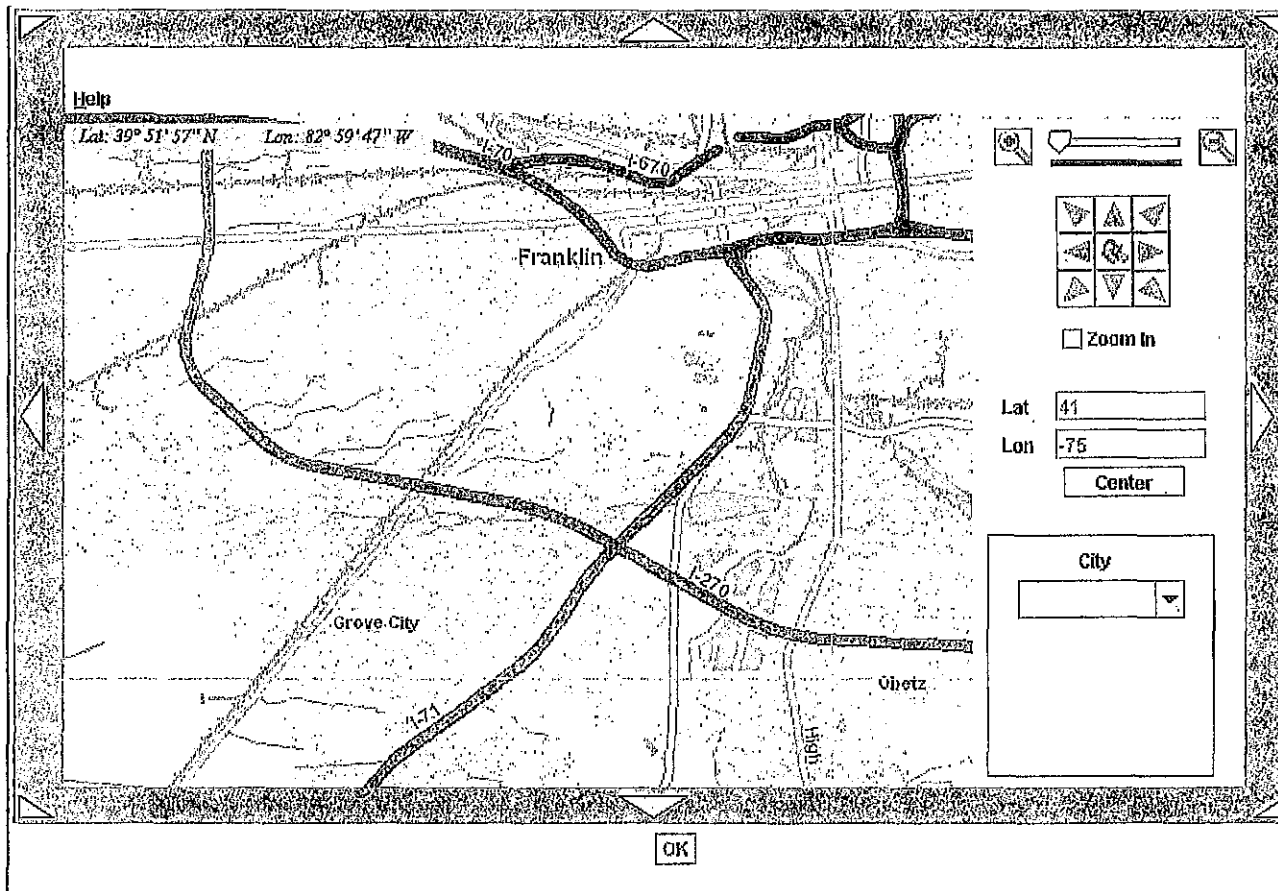
Car#1	☐
Car#20	☐
Car#22	☐
Car#3	☐
Car#31	☐
Car#32	☐
Car#33	☐
Car#41	☐
FCSO_Truckbox	☐
LCSO_Car#8	☐

Transit status

Deferred Alarm	☐
Expired Alarm	☐
Rejected Alarm	☐
Normal Transit	☐
Pending Alarm	☐
Accepted Alarm	☐

Alarm Class

Advanced Query



- Choose a map view to limit queries to specific map area

Advanced Query



☒ Geographic Coordinates			
Latitude		Longitude	
Radius		(Miles)	

- Limit queries to a specific radius from a Lat/Long point
- Use geocoding website such as <http://geocoder.us> to get Lat/Long from an address.
- Once all parameters are chosen, click on Find button
- Check Show thumbnail images to see a preview of the car in display

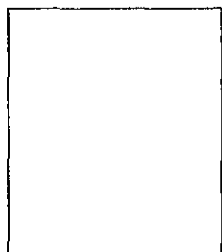
☐ Show thumbnails image



MPH300

Mobile Plate Hunter 900 Series

Alarms count:



System admin

Change password

Diagnostic

Query/Statistics

- Query Reads
- Alarm validation
- Statistics

Hot List Management

User Config

Data Mining

Parameters Management

	06/07/2009 10:13:51	UCR1[55]TO	Normal Transit	?	Car#1
	06/07/2009 10:14:10	[RB]EEV	Normal Transit	?	Car#1
	06/07/2009 10:14:10	CHURCH	Normal Transit	?	Car#1
	06/07/2009 10:14:11	[88]APT[1VY]GT	Normal Transit	?	Car#1
	06/07/2009 10:14:11	EH39MU	Normal Transit	?	Car#1
		DZ06XP	Normal Transit	?	Car#1
		EMR7951	Normal Transit	?	Car#1
		[DHV4119]	Normal Transit	?	Car#1
		EPB2435	Normal Transit	?	Car#1
	06/07/2009 10:14:38	1454[88]R[00]	Normal Transit	?	Car#1

[27 - 39]

[Previous](#)

Page 3

[Next](#)

javascript:OpenSession('Controller?action=queryalarm&action_function=vedtransito&index=34')



Mozilla Firefox

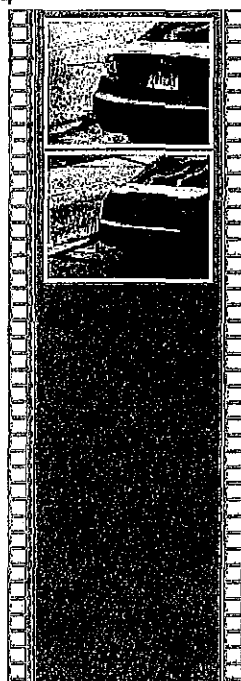
http://166.161.247.215/Operational_Center/Controller?action=query&term=&action_function=vediTransito&index=11

MPH 900
Mobile Plate Hunter 900 Series

Number of elements : 244



[12]



Transit Date and Time	07/07/2009 12:00:56	Reader	3rd St. Tunnel SB	Vehicle type		Transit status	Normal Transit
		License Plate: INTENS		State: ?			

javascript:ElaboraImmagine('/Operational_Center/elaboraImmagine/elaboraImmagine.jsp?img=/Operational_Center/MostraImmagineTransito?filename=/IMAGES/000011200/20090707/00001120020090707120056C9P4.jpg')

start

EOC_Training_07080...

Mozilla Firefox

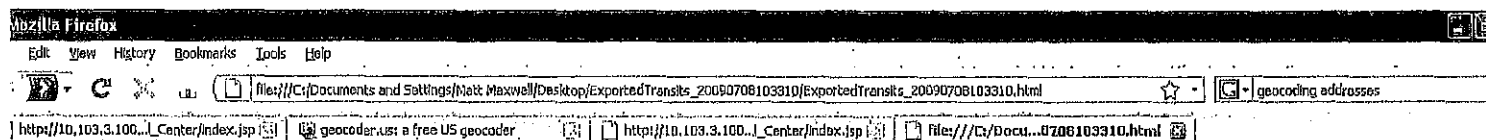
Mozilla Firefox

Search Desktop

12:14 PM



- Output data to html or text

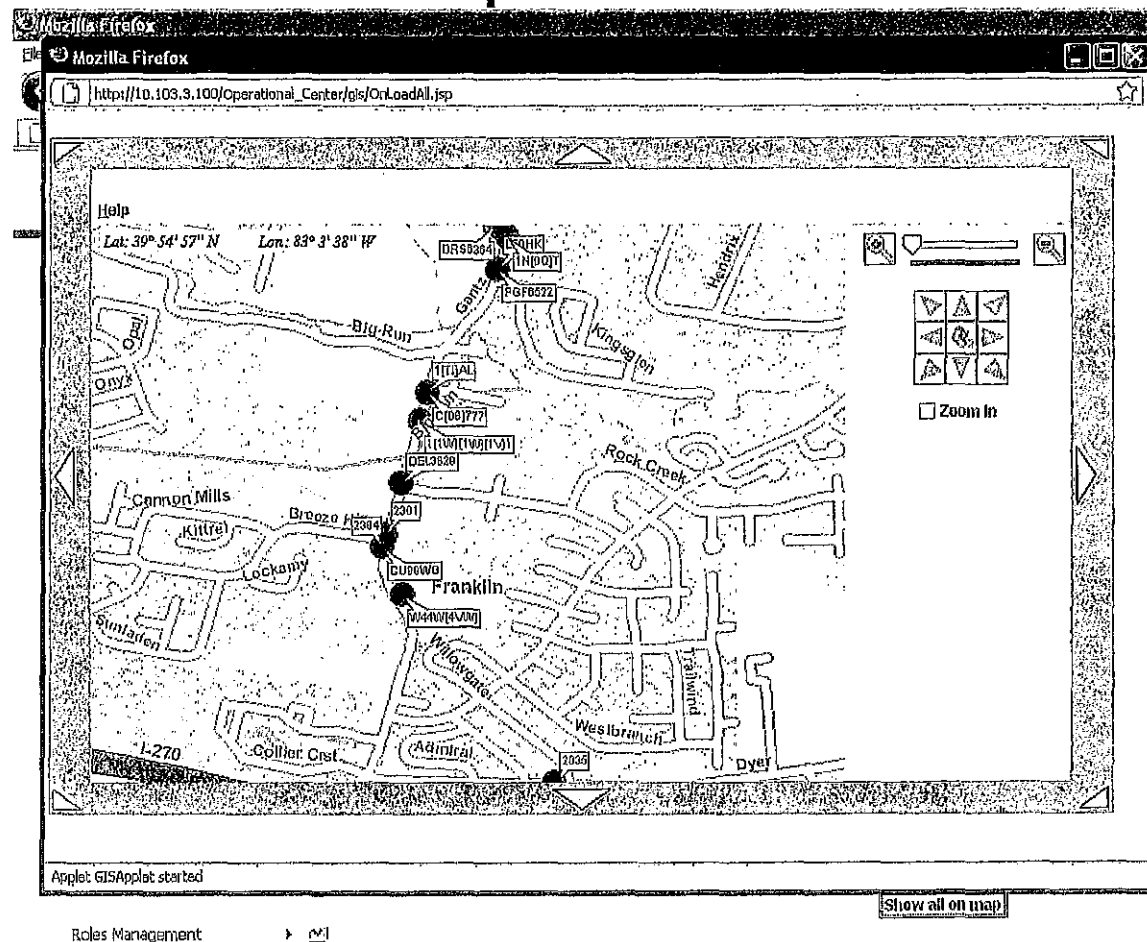


Transit Date and Time	License Plate	Transit status	State	Reader	Latitude	Longitude	Image
07/07/2009 10:22:20	2035	Expired Alarm	?	Car#1	39.900421142578125	-83.04790496826172	12
07/07/2009 10:23:23	W44W[4VW]	Normal Transit	?	Car#1	39.90569305419922	-83.05215454101562	12
07/07/2009 10:23:30	2384	Normal Transit	?	Car#1	39.90700149536133	-83.05269622802734	12
07/07/2009 10:23:30	CU99WG	Normal Transit	?	Car#1	39.90700149536133	-83.05269622802734	12
07/07/2009 10:23:35	2301	Normal Transit	?	Car#1	39.9073486328125	-83.0525894165039	12
07/07/2009 10:23:40	DEL3829	Normal Transit	?	Car#1	39.908775329589844	-83.05216217041016	12
07/07/2009 10:23:50	1[1W][1W][1V]	Normal Transit	?	Car#1	39.91051483154297	-83.0516586303711	12
07/07/2009 10:23:55	C[B8]777	Normal Transit	?	Car#1	39.91128921508789	-83.05145263671875	12
07/07/2009 10:23:56	1[TI]AL	Normal Transit	?	Car#1	39.91128921508789	-83.05145263671875	12
07/07/2009 10:24:18	LFCHK	Normal Transit	?	Car#1	39.91470718383789	-83.04953002929688	12

Transit Date and Time	License Plate	Transit status	State	Reader	Latitude	Longitude
07/07/2009 10:22:20	2035	Expired Alarm	?	Car#1	39.900421142578125	-83.04790496826172
07/07/2009 10:23:23	W44W[4VW]	Normal Transit	?	Car#1	39.90569305419922	-83.05215454101562
07/07/2009 10:23:30	2384	Normal Transit	?	Car#1	39.90700149536133	-83.05269622802734
07/07/2009 10:23:30	CU99WG	Normal Transit	?	Car#1	39.90700149536133	-83.05269622802734
07/07/2009 10:23:35	2301	Normal Transit	?	Car#1	39.9073486328125	-83.0525894165039
07/07/2009 10:23:40	DEL3829	Normal Transit	?	Car#1	39.908775329589844	-83.05216217041016
07/07/2009 10:23:50	1[1W][1W][1V]	Normal Transit	?	Car#1	39.91051483154297	-83.0516586303711
07/07/2009 10:23:55	C[B8]777	Normal Transit	?	Car#1	39.91128921508789	-83.05145263671875
07/07/2009 10:23:56	1[TI]AL	Normal Transit	?	Car#1	39.91128921508789	-83.05145263671875
07/07/2009 10:24:18	LFCHK	Normal Transit	?	Car#1	39.91470718383789	-83.04953002929688
07/07/2009 10:24:18	PGF6522	Normal Transit	?	Car#1	39.91470718383789	-83.04953002929688
07/07/2009 10:24:25	1WJ00T	Normal Transit	?	Car#1	39.91556074951172	-83.04926300048828
07/07/2009 10:24:37	DRS6364	Normal Transit	?	Car#1	39.915916442871094	-83.0495894350586



- Show query data on a map



Advanced Query



- Partial Plate wildcard characters
 - % General wildcard
 - @ Letter specific wildcard
 - # Number specific wildcard
- D% - Every plate that starts with D
- %D% - Every plate that has D in the middle
- %D – Every plate that ends in D
- D@ @#### - Every plate that starts with D where the next two characters are letters and the next four are numbers.

Data Mining



- Cross Search
 - Analyze plate data from two separate time frames
 - Show unique plates in each time frame
 - Show duplicates in both time frames
 - Great for arson, burglary, assault investigations

Cross Search



Step 1 – Choose the first time period using standard query tools

Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://10.103.3.100/Operational_Center/index.jsp geocoding addresses

http://10.103.3.100..._Center/index.jsp geocoder, use a free US geocoder http://10.103.3..._Center/index.jsp

Mobile Plate Hunter 600 Series

Alarms count:

System admin
Change password

Diagnostic

Query/Statistics

Hot List Management

User Config

Data Mining

Cross search

Nested & Convoy Search

Parameters Management

Roles Management

Query Reads
Step 1

START Day 07 Month 07 Year 2009 Hour 09 Minutes 45

END Day 08 Month 07 Year 2009 Hour 10 Minutes 00

License Plate

State

Reader

Car#1
Car#20
Car#22
Car#3
Car#31
Car#32
Car#33
Car#41
FCSO_Truckbox
LCSO_Car#8

Transit status

Deferred Alarm
Expired Alarm
Rejected Alarm
Normal Transit
Pending Alarm
Accepted Alarm

Alarm Class

☐ Cartographic Tool

☐ Geographic Coordinates

Latitude Longitude Radius (Miles)

Step 1 Step 2 Step 3

http://10.103.3.100/Operational_Center/Controller?action=datamining&action_function=cross_search

Start Inbox - Mails... Mozilla Firefox EOC ELSAG PowerP... 10.103.3.100... EOC_install... Search Desktop 10:01 AM

Cross Search



Step 2 – Choose the second time period using standard query tools

Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://10.103.3.100/Operational_Center/index.jsp geocoding addresses

http://10.103.3.100/Operational_Center/index.jsp geocoder: use a free US geocoder http://10.103.3.100/Operational_Center/index.jsp

MPH200
Mobile Photo Hunter 900 Series

Alarms count:

Query Reads
Step 2

START Day 07 Month 07 Year 2009 Hour 10 Minutes 00

END Day 08 Month 07 Year 2009 Hour 10 Minutes 15

License Plate State

Reader

Car#1
Car#20
Car#22
Car#3
Car#31
Car#32
Car#33
Car#41
FCSO_Truckbox
LCSO_Car#0

Transit status

Deferred Alarm
Expired Alarm
Rejected Alarm
Normal Transit
Pending Alarm
Accepted Alarm

Alarm Class

System admin
Change password

Diagnostic

Query/Statistics

Hot List Management

User Config

Data Mining

- Cross search

- Nested & Convoy Search

Parameters Management

Roles Management

Done

start

Inbox - Mergs

Mozilla Firefox

DOC

ELSAG PowerP...

10.103.3.100

DOC_Install...

Search Desktop

10:02 AM

Cross Search



Step 3 – Choose “Unique in first”, “Unique in second”, or “Duplicates”

Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://10.103.3.100/Operational_Center/index.jsp geocoding addresses

http://10.103.3.100/_Center/index.jsp geocoder, use a free US geocoder http://10.103.3.100/_Center/index.jsp

Mobile Plate Hunter 900 Series

Alarms count:

System admin
Change password

Diagnostic

Query/Statistics

Hot List Management

User Config

Data Mining

- Cross search

- Nested & Convoy Search

Parameters Management

Roles Management

Data Mining
Query 1

START	07/07/2009 09:45
END	08/07/2009 10:00

Query 2

START	07/07/2009 10:00
END	08/07/2009 10:15

☐ Show Images Preview

Unique in first Unique in second Duplicates

Step 1 Step 2

Done

start InProc - Mages... Mobile Plate Hunter 900 Series DOC ELSAG PowerP... 10.103.3.100... EOC_Install... Search Desktop 10/03 AM

Nested and Convoy



Click on License Plate hyperlink to see all instances of that plate read

Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://10.103.3.100/Operational_Center/Index.jsp

geocoding addresses

http://10.103.3.100..._Center/Index.jsp

geocoder.us a free US geocoder

http://10.103.3..._Center/Index.jsp

MPH500
Mobile Plate Hunter 500 Series

Alarms count:

START 05/07/2009 10:00
END 06/07/2009 10:15
License Plate @@@####

Number of elements: 1084

Image	Transit Date and Time	License Plate	Transit status	State	Reader	Alarm Class	Convoy Analysis
	05/07/2009 11:36:28	EEF1395	Normal Transit	?	Car#1		
	05/07/2009 11:36:36	DVP7D42	Normal Transit	?	Car#1		
	05/07/2009 11:36:45	G6S4531	Normal Transit	?	Car#1		
	05/07/2009 11:36:48	ENE9636	Normal Transit	?	Car#1		
	05/07/2009 11:37:15	FMD4720	Normal Transit	?	Car#1		
	05/07/2009 11:37:53	BPZ1517	Normal Transit	?	Car#1		
	05/07/2009 11:37:55	DIOB280	Normal Transit	?	Car#1		
	05/07/2009 11:38:45	DIOB088	Normal Transit	?	Car#1		

System admin
Change password

Diagnostic

Query/Statistics

Hot List Management

User Config

Data Mining

- Cross search

- Nested & Convoy Search

Parameters Management

Roles Management

Done

start

Inbox - Micros...

Mozilla Firefox

DOC

ELSAG PowerP...

10.103.3.100 ...

ECC - Install...

Search Desktop

10:07 AM



Firefox

166.161.247.215/Operational_Center/Controller?action=datamining&action_function=nestedsearch&plate=15984M7

Data Mining Query Results.

Image	Transit Date and Time	License Plate	Transit status	State	Reader	Alarm Class
	18/06/2009 22:36:55	15984M7	Normal Transit	MD	3rd St. Tunnel SB	
	24/06/2009 21:42:39	15984M7	Normal Transit	MD	3rd St. Tunnel SB	
	07/07/2009 16:45:09	15984M7	Normal Transit	MD	3rd St. Tunnel SB	

Close

Done

Parameters Management

Back File Export Export Html file

16:45
17:15

[1 - 13]

Reader	Alarm Class	Image	Convoy Analysis
3rd St. Tunnel SB			
3rd St. Tunnel SB			
3rd St. Tunnel SB			
3rd St. Tunnel SB			
3rd St. Tunnel SB			
3rd St. Tunnel SB			
3rd St. Tunnel SB			
3rd St. Tunnel SB			
3rd St. Tunnel SB			
3rd St. Tunnel SB			
3rd St. Tunnel SB			
3rd St. Tunnel SB			

Next

[1 - 13]

Done

start

Microsoft Office O... Mozilla Firefox Mozilla Firefox EOC_Training_07090... Search Desktop 11:40 AM

Nested and Convoy



- Click on car icon to perform convoy analysis.
- Display 15 car in front of and 15 cars behind the base car.
- Developed for the DEA.



Firefox

http://166.161.247.215/Operational_Center/Controller?action=datamining&action_function=convoy&transId=00001120020090707164509EBH-W&se

Time	Plate	Status	State	Location
07/07/2009 16:44:55	KFT5521	Normal Transit	VA	3rd St. Tunnel SB
07/07/2009 16:44:59	DEB391	Normal Transit	DC	3rd St. Tunnel SB
07/07/2009 16:45:02	K5[6G]2	Normal Transit	?	3rd St. Tunnel SB
07/07/2009 16:45:04	CK396B	Normal Transit	DC	3rd St. Tunnel SB
07/07/2009 16:45:09	BN7710	Normal Transit	DC	3rd St. Tunnel SB
07/07/2009 16:45:10	KHW4594	Normal Transit	VA	3rd St. Tunnel SB
07/07/2009 16:45:14	1EVL49	Normal Transit	MD	3rd St. Tunnel SB
07/07/2009 16:45:15	5778CX	Normal Transit	VA	3rd St. Tunnel SB
07/07/2009 16:45:18	B363Y	Normal Transit	?	3rd St. Tunnel SB
07/07/2009 16:45:18	1BTV92	Normal Transit	MD	3rd St. Tunnel SB
07/07/2009 16:45:21	5B3M982	Normal Transit	MD	3rd St. Tunnel SB

Transferring data from 166.161.247.215...

Parameters Management

Back | File Export | Export HTML file

Next

Reader	Alarm Class	Image	Convoy Analysis
3rd St. Tunnel SB		[Image]	[Icon]
3rd St. Tunnel SB		[Image]	[Icon]
3rd St. Tunnel SB		[Image]	[Icon]
3rd St. Tunnel SB		[Image]	[Icon]
3rd St. Tunnel SB		[Image]	[Icon]
3rd St. Tunnel SB		[Image]	[Icon]
3rd St. Tunnel SB		[Image]	[Icon]
3rd St. Tunnel SB		[Image]	[Icon]
3rd St. Tunnel SB		[Image]	[Icon]
3rd St. Tunnel SB		[Image]	[Icon]
3rd St. Tunnel SB		[Image]	[Icon]
3rd St. Tunnel SB		[Image]	[Icon]
3rd St. Tunnel SB		[Image]	[Icon]
3rd St. Tunnel SB		[Image]	[Icon]
3rd St. Tunnel SB		[Image]	[Icon]

[1 - 13]

Hotlist Management



Export Hot List

- Export a hotlist

Hot list ready to be exported



Wait please...

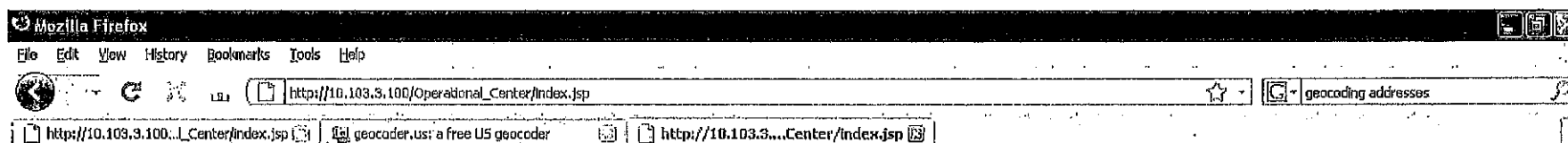
- Insert/Delete plate

Insert Delete HL			
Insert Hot List		Delete Hot List	
License Plate		State	
Notes		Alarm Class	
Insert Hot List			

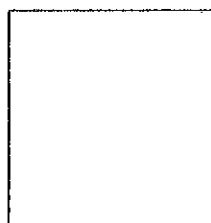
Hotlist Management



- Show plates in hotlist



Alarms count:



System admin

Change password

Diagnostic

Query/Statistics

Hot List Management

- Export Hot List
- Insert Delete HL
- Show Hot List
- Hot List Import Status
- Hot List Import Status history

Result query in hot list

Number of elements: 18246

[1 - 13]

License Plate	State	Insertion Date	License Plate Class	Owner	NOTES
00000000	OH	2009/07/08	00	External	Date-time stamp - Hotlist file created: Wed 07/08/2009
0026K9	OH	2009/07/08	03	External	#3 STOLEN PLATE! 07/07/2007 06/29/2009 OH0800100 P134098018
00204EB	OH	2009/07/08	03	External	#3 STOLEN PLATE! 07/07/2007 06/04/2009 OH0090200 P624054431
002L1HE	OH	2009/07/08	03	External	#3 STOLEN PLATE! 07/07/2007 01/01/2009 OH0131600 P253982159
002T2K9	OH	2009/07/08	03	External	#3 STOLEN PLATE! 07/07/2007 06/29/2009 OH0220200 P584114556
003D4EB	OH	2009/07/08	03	External	#3 STOLEN PLATE! 07/07/2007 06/04/2009 OH0090200 P834068674
0046K9	OH	2009/07/08	03	External	#3 STOLEN PLATE! 07/07/2007 06/29/2009 OH0800100 P504091110
0056K9	OH	2009/07/08	03	External	#3 STOLEN PLATE! 07/07/2007 06/29/2009 OH0800100 P634091869
005T2K9	OH	2009/07/08	03	External	#3 STOLEN PLATE! 07/07/2007 06/29/2009 OH0220200 P714123116
0076K9	OH	2009/07/08	03	External	#3 STOLEN PLATE! 07/07/2007 06/29/2009 OH0800100 P114067069
007D4EB	OH	2009/07/08	03	External	#3 STOLEN PLATE! 07/07/2007 06/04/2009 OH0090200 P594085691
0086K9	OH	2009/07/08	03	External	#3 STOLEN PLATE! 07/07/2007 06/29/2009 OH0800100 P144080097
008D4EB	OH	2009/07/08	03	External	#3 STOLEN PLATE! 07/07/2007 06/29/2009 OH0090200 P354081737

[1 - 13]

Page 1

Next

Back

Hotlist Management



- Hotlist Status

Import Status

NAME	VALUE
FILE NAME	20090708 75904hr.bl
START DT	2009/07/08 07:59:05
END DT	2009/07/08 08:00:55
PHASE 1 STATUS	Ok
PHASE 1 ELAPSED	82
PHASE 1 %	100%
PHASE 2 STATUS	Ok
PHASE 2 ELAPSED	18
PHASE 2 %	100%
PHASE 3 STATUS	Ok
PHASE 3 ELAPSED	7
PHASE 3 %	100%

Hotlist Management



- Hotlist import history

START	01/07/2009 10:45
END	08/07/2009 11:00
Import type	hot

FILE NAME	START DT	END DT	PHASE 1 STATUS	PHASE 1 %	PHASE 2 STATUS	PHASE 2 %	PHASE 3 STATUS	PHASE 3 %	STATUS
20090702 75904hr.bl	2009/07/02 07:59:08	2009/07/02 08:00:59	ok	100	ok	100	ok	100	completed
20090703 75904hr.bl	2009/07/03 07:59:06	2009/07/03 08:00:53	ok	100	ok	100	ok	100	completed
20090704 75904hr.bl	2009/07/04 07:59:06	2009/07/04 08:00:55	ok	100	ok	100	ok	100	completed
20090705 75904hr.bl	2009/07/05 07:59:08	2009/07/05 08:01:00	ok	100	ok	100	ok	100	completed
20090706 75904hr.bl	2009/07/06 07:59:09	2009/07/06 08:00:58	ok	100	ok	100	ok	100	completed
20090707 75904hr.bl	2009/07/07 07:59:06	2009/07/07 08:00:58	ok	100	ok	100	ok	100	completed
20090708 75904hr.bl	2009/07/08 07:59:05	2009/07/08 08:00:55	ok	100	ok	100	ok	100	completed

Back

Server Management - Users



- Add a new user

Add New User

User Name

Password

Confirm Password

Description

Role

Maintenance	☐
Maintenance	☐
System Admin	☐
User Admin	☒
Manage Alarms	☐
User	☐

Save

Server Management - Users



- Modify an existing user

Modify User	
User Name	alarms
Personal number	38
User Name	alarms
Password	
Confirm Password	
Description	Manage Alarms
Role	Manage Alarms
User Status	☒ Enabled ☐ Disabled
Save	

Server Management - Users



- View server logs based on information level and/or user

Log Information			
Type	User	Date	Message
1	systemadmin - 40	2009/07/08 08:10:01	LOGIN
1	systemadmin - 40	2009/07/08 08:10:24	UPDATE USER PROFILE
1	systemadmin - 40	2009/07/08 08:10:24	Change password
1	systemadmin - 40	2009/07/08 08:10:28	LOGIN
1	systemadmin - 40	2009/07/08 08:42:02	Statistics
1	systemadmin - 40	2009/07/08 09:16:13	Find Alarms
1	systemadmin - 40	2009/07/08 10:42:01	Find Alarms
1	systemadmin - 40	2009/07/08 10:42:54	Show Hot List
1	systemadmin - 40	2009/07/08 10:51:06	Show Hot List
1	systemadmin - 40	2009/07/08 10:56:06	Import Extern HL
1	systemadmin - 40	2009/07/08 10:56:09	Import local HL
1	systemadmin - 40	2009/07/08 11:03:03	View Logs
1	systemadmin - 40	2009/07/08 10:28:08	Find Alarms
1	systemadmin - 40	2009/07/08 10:33:02	Find Alarms
1	systemadmin - 40	2009/07/08 10:33:10	Export Html file

Server Management - Roles



- Modify menu items based on roles

Maintenance	
Remove menu	Add menu
Diagnostic ☐	Diagnostic ▶ ☐
Manual Trouble Insertion	Query/Statistics ▶ ☐
Trouble Management	Hot List Management ▶ ☐
Email Address	User Config ▶ ☐
Diagnostic Applet	Data Mining ▶ ☐
Query/Statistics ☐	Parameters Management ▶ ☐
Query Reads	<u>Software management</u> ▶ ☐
Alarm validation	Roles Management ▶ ☐
Statistics	
Hot List Management ☐	
Export Hot List	
Insert Delete HL	
Show Hot List	
Hot List Import Status	
Hot list Import Status history	
Import Extern HL	
Import local HL	
User Config ☐	
Modify User	
View Logs	
Add User	

Add

Server Management - Roles



- Modify individual functions per role

Maintenance

Remove functions to menu		Add function to menu	
Diagnostic		Functions	
Manual Trouble Insertion	☐	Email Address	☐
Trouble Management	☐	Email Address	☐
Email Address	☐	Activate Remote SW	☐
Diagnostic Applet	☐	Activate camera SW	☐
Query/Statistics		Delete Reads	☐
Query Reads	☐	Deletion	☐
Alarm validation	☐	View Logs	☐
Statistics	☐	View White List	☐
Hot List Management		Add/Delete Functions	☐
Export Hot List	☐	Time Marks	☐
Insert Delete HL	☐	Copy and paste	☐
Show Hot List	☐	Create	☐
Hot List Import Status	☐	Manual Trouble Insertion	☐
Hot list Import Status history	☐	Add User	☐
Import Extern HL	☐	Cross search	☐
Import local HL	☐	Holidays	☐
User Config	☐		
		Diagnostic	☐
		Manual Trouble Insertion	
		Trouble Management	

Server Management



- Parameters control

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 hotis 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	
MAIL_SERVER	Mail server address or hostname	
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	100
TRANSITS_DURATION_DAYS	Days before transits data deletion	100

Parameter

ALARMS_DURATION_DAYS

Value

365

Save

Server Management



- Emails for alarm notification
 - Configurable based on alarm class

Web interface for configuring email addresses for alarm notification.

Add new **Email Address** **Modify**

Email

Alarm Class

☐00 ☐01 ☐02 ☐03 ☐04 ☐05 ☐06 ☐07 ☐08 ☐09 ☐10

Save

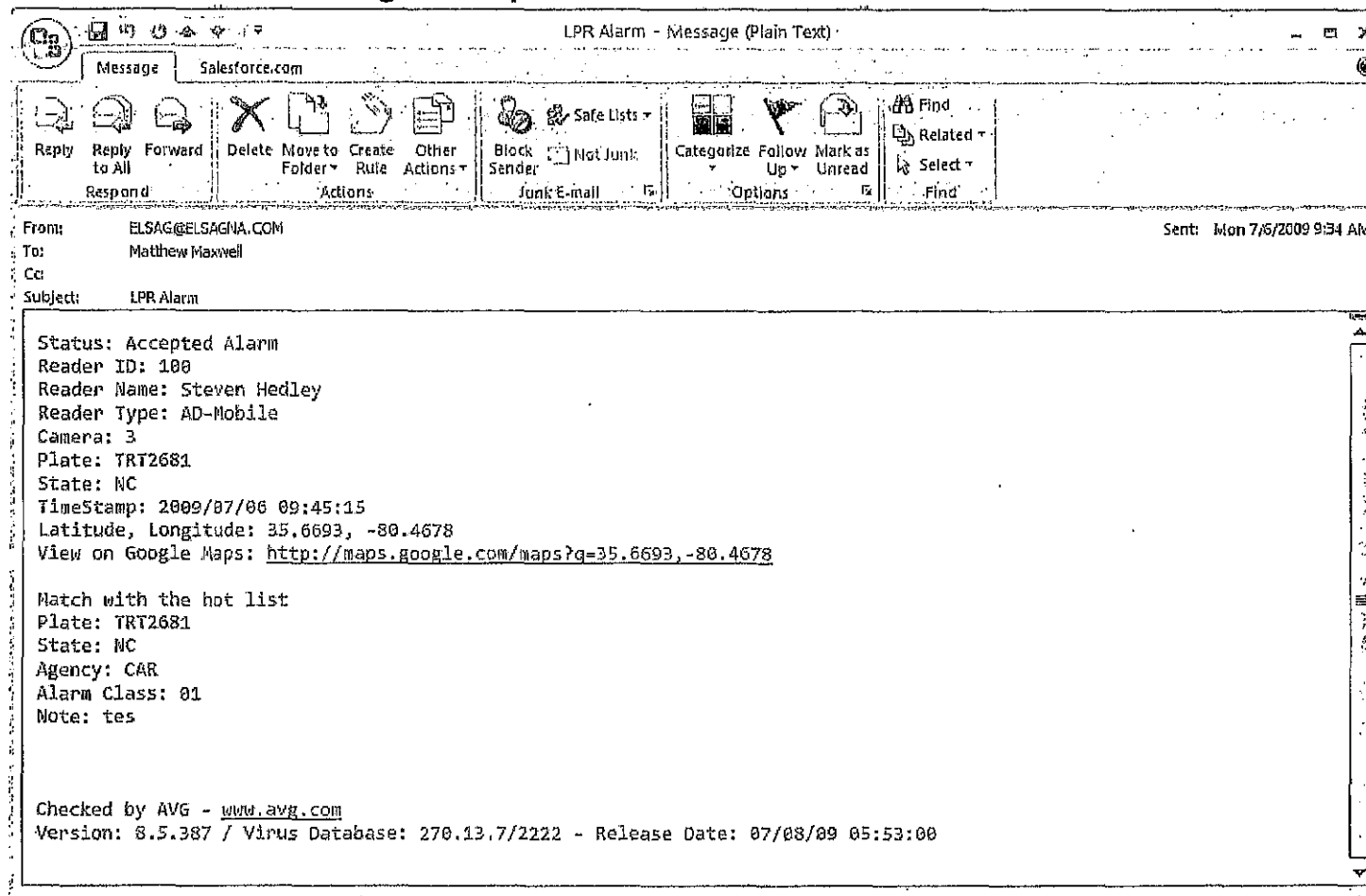
Email Addresses

matthew.maxwell@elsagna.com

Server Management



- Email notification of alarms
- Embedded URL for Google Maps location



Trouble Management



- Simple trouble ticket system

Query Troubles						
No Problem Reports!						
START	Day	08 ▼	Month	06 ▼	Year	2009 ▼
END	Day	08 ▼	Month	07 ▼	Year	2009 ▼
					Disable date	☐
Trouble Status			Open ▼		Device	▼
Find						

Trouble Management



- Manually insert a trouble ticket item

Manual Trouble Insertion

Description		Device	Car#1	Severity	LOW
Add new					

- That trouble ticket will go to administrators email address

Add new

Email Address

Delete

Type

Diagnostic

Email

Save

Email Addresses

--

Future



- Upcoming updates and improvements
 - Link back to Dashboard
 - Improved query engine
 - Map link for Nested search
 - Output to pdf
 - Granular hotlist distribution
 - Any ideas????



ELSAG Operations Center [EOC] Quick Reference

From a Browser, enter the IP address or name of the server followed by /Operational_Center

The screenshot shows the ELSAG Operations Center [EOC] web interface. The browser address bar displays `http://180/Operational_Center/index.jsp`. The interface includes a navigation menu on the left with icons for Stolen Vehicle, Wanted Person, Stolen Plate, Suspended Registration, and Scofflaw. The main content area features a search form with fields for START and END dates (Day, Month, Year, Hour, Minutes), a License Plate field, a State dropdown, and a Reader dropdown. A list of vehicle types (Blue Crown Vic, Green Crown Vic, Gate_Aeon, Lab, Lab_Fixed) is shown under the Reader field. A Transit status dropdown is also present. An Alarm Class dropdown is located on the right. A 'Find' button is at the bottom of the search form. A 'Show thumbnails Image' checkbox is also present. A 'Main Menu' button is located at the bottom left of the interface. A 'Change password' link is also visible. The interface is titled 'Mobile Plate Hunter 900 Series' and 'Tuesday, April 14, 2009 20:09:01'.

Annotations include:

- Enter Query Date/Time range (pointing to the START and END date fields)
- Select Category (default is ALL) (pointing to the Reader dropdown)
- Select Geographic Area (pointing to the Select Geographic Area button)
- Click "Find" to start the search. (pointing to the Find button)
- Click "Show Thumbnail Image" to show color previews in query results. (pointing to the Show thumbnails Image checkbox)
- Filling in the Geographic Area restricts the Query to plates read in the visible area of the map. (pointing to the Radius field)

To search for any plate starting in ABC enter ABC% in the "License Plate" area.
@=Any letter in this position
#=Any number in this position

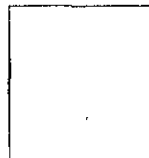
Click "Find" to start the search.

Click "Show Thumbnail Image" to show color previews in query results.

Filling in the Geographic Area restricts the Query to plates read in the visible area of the map.



Alarm count:



Change password

Query/Statistics

- Query Ready
- Alarm Verification
- Message & Query Search
- Cross Search
- Statistics

Hot List Management

Query Results.

START 18/09/2008 01:00
 END 18/09/2008 20:15

Number of elements: 200

(1 - 13)

Image	Transit Date and Time	License Plate	Transit status	State	Reader	Alarm Class
	18/09/2008 08:10:53	AFW9947	Normal Transit	?	Green Crown Vic	
	18/09/2008 08:10:53	CDU9771	Normal Transit	?	Green Crown Vic	
	18/09/2008 08:10:54	CVT6029	Normal Transit	?	Green Crown Vic	
		244TLK	Normal Transit	?	Green Crown Vic	
		ECE1592	Normal Transit	?	Green Crown Vic	
		DYN4760	Accepted Alarm	NY	Green Crown Vic	04
	18/09/2008 08:10:55	WWG00000	Normal Transit	?	Green Crown Vic	
	18/09/2008 08:10:59	BZT2060	Normal Transit	?	Green Crown Vic	

Float mouse over image to see medium view.

Brackets indicate all possible alternatives were checked. In this case both B and 8.

Alarm records show Alarm Class

Click on the line to see large image and detail on read or alarm.

Click the Map icon to view the mapped location of the read.

For 24x7 support,
 Dial 1-866-9-MPH-900

MPH900
 Mobile Plate Hunter 900 Series
 Number of elements: 200

Transit Date and Time: 18/09/2008 08:10:54
 Reader: Green Crown Vic
 Vehicle by: West
 License Plate: CVT6029

Print

