



DELTA PLUS: MARYLAND'S LAW ENFORCEMENT DATA



Let's Look Back....

E-TIX

March 19, 2008

Maryland State Police were certified to issue electronic citations through Delta Plus.

First allied agency issued citation was:
HOWARD COUNTY (May 2009)

*Data Sharing
Became a Priority
for MSP*

*More than 130
agencies use Delta
Plus now*

E-TIX

By the Numbers
2013

| Number of Stops | Number of Citations | Number of Warnings | Number of SEROS |
|-----------------|---------------------|--------------------|-----------------|
| 1,401,217 | 960,700 | 1,125,745 | 170,599 |

eReferral was Deployed
October 1, 2013

2014

| Number of Stops | Number of Citations | Number of Warnings | Number of SEROS |
|-----------------|---------------------|--------------------|-----------------|
| 1,481,920 | 1,020,804 | 1,215,853 | 193,056 |

*An average of 2
stops are entered
per minute*

MEMO BOOK



E-TIX

By the Numbers Since Inception

| Number of Stops | Number of Citations | Number of Warnings | Number of SEROS |
|-----------------|---------------------|--------------------|-----------------|
| 7 Million + | 4,771,081 | 5,539,863 | 495,031 |

Number of User Accounts
14,563

Total Fines Charged
\$444,480,299

*An average 2
stops are entered
per minute*

MEMO BOOK



System Modules

Development over the years

We have been busy developing other modules within Delta Plus

- *Field Interview Report Re-Design*
- *Electronic Driver Re-Examination Form*
- *Criminal Citation Data Collection*
- *Vehicle Search Reports*
- *Automated Crash Reporting System (ACRS)*

Delta has been growing

FIELD INTERVIEW REPORT

Existing Field Interview Report had limitations

- *Did not support photos well*
- *Did not have descriptors for the person*
- *Did not include GPS Coordinates for mapping*

We wanted to increase the situational awareness on the scene when an individual or vehicle was queried through Delta Plus.

We do a poor job sharing information between agencies who work in the same area or around the State. With a functional FIR component, we could bridge those gaps.

Field Interview Report

Montgomery County funded Field Interview Report work this past year.

*Additional work for
FIR:*

DataBak

Opening an FIR

Users need to be able to save and return to the FIR to complete it at a later point in time

NEW FIELD INTERVIEW

OPEN SAVED FIR

Field Interview Report

SUMMARY

Special Type Case Number

FIR Information

County Date/Time GPS X
GPS Y

Business Name

Address/Location

City Zip Patrol

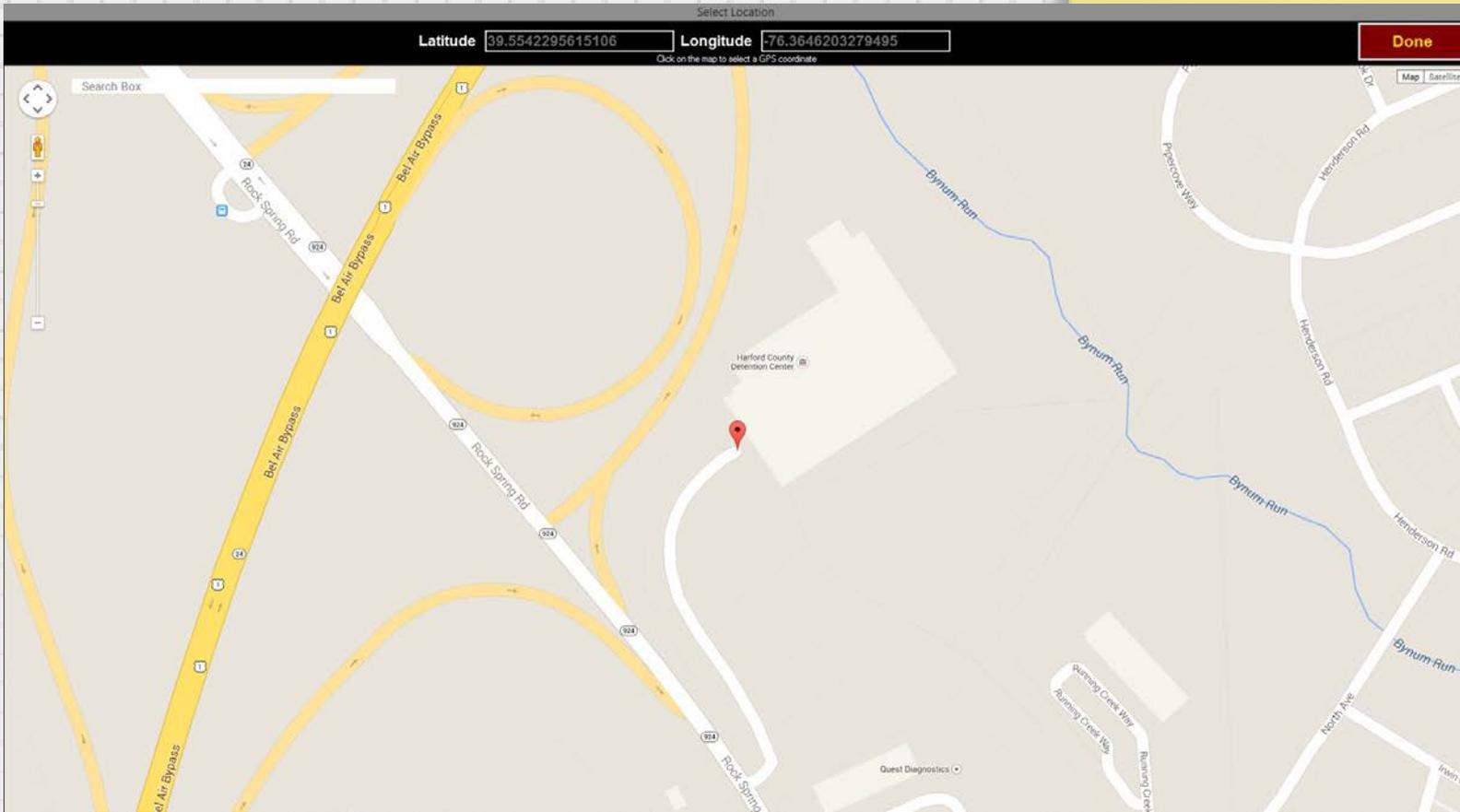
Narrative

Images

| People | | | | | | | Vehicles | | | |
|---|------|-----|---------|------|-----|--------------|--|------|-------|--|
| FIRST | LAST | DOB | Soundex | Race | Sex | Registration | State | Make | Model | |
| <input type="button" value="ADD PERSON"/> | | | | | | | <input type="button" value="ADD VEHICLE"/> | | | |

Field Interview Report

GPS MAPPING



Field Interview Report

PEOPLE

Person 1 Add Person +

Person Information

SCAN

License Information - Manual

Soundex Class State Date Issued

Name

Address

City State Zip County

Height Weight DOB Sex Race



SSN

Phone Numbers

Home Cell Work

REMOVE THIS PERSON

Alias

ADD

Hair Eye Skin Tone

Facial Hair Eyewear Build

Identifiers

Clothing

School/Work Information

VEHICLES

Vehicle 1 Add Vehicle +

Vehicle Information

SCAN

Tag # State VIN
Year Make Model Color
 

REMOVE THIS VEHICLE

Owner Information

SCAN

Name
First Middle Last
Address
City State Zip County [SELECT COUNTY]
 

Phone Numbers

Home Cell Work

PICTURES

ADD IMAGE

Images



People

All groups

Person 1



Person 2



Vehicles

Vehicle 1



SUBMIT **SAVE** **CLOSE**

eReferral

Who has completed a Request for Re-examination?

Motor Vehicle Administration began a campaign to increase awareness of older drivers and impaired drivers. One way to assist is an electronic driver re-examination form for Law Enforcement

- Decrease the time it takes to fill out a re-examination
- Increase the number of referrals per year
- Eliminate the commander signature
- Checkboxes for the indicators
- Pre-populate from E-TIX traffic stop data

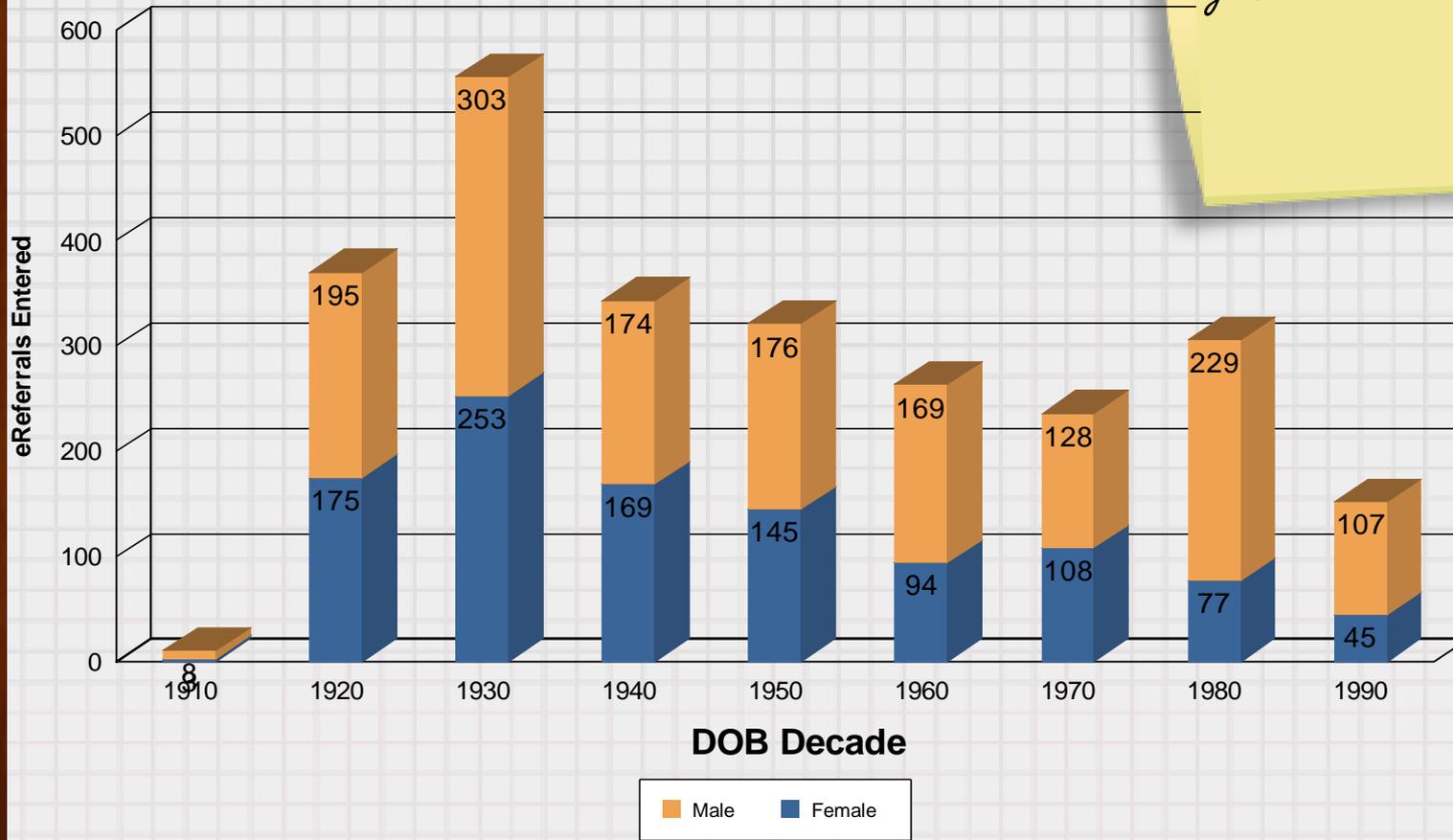
As a State we only do about 500-600 Driver reexaminations each year

Motor Vehicle Administration funded an electronic process for referrals

eReferrals By DOB Decade

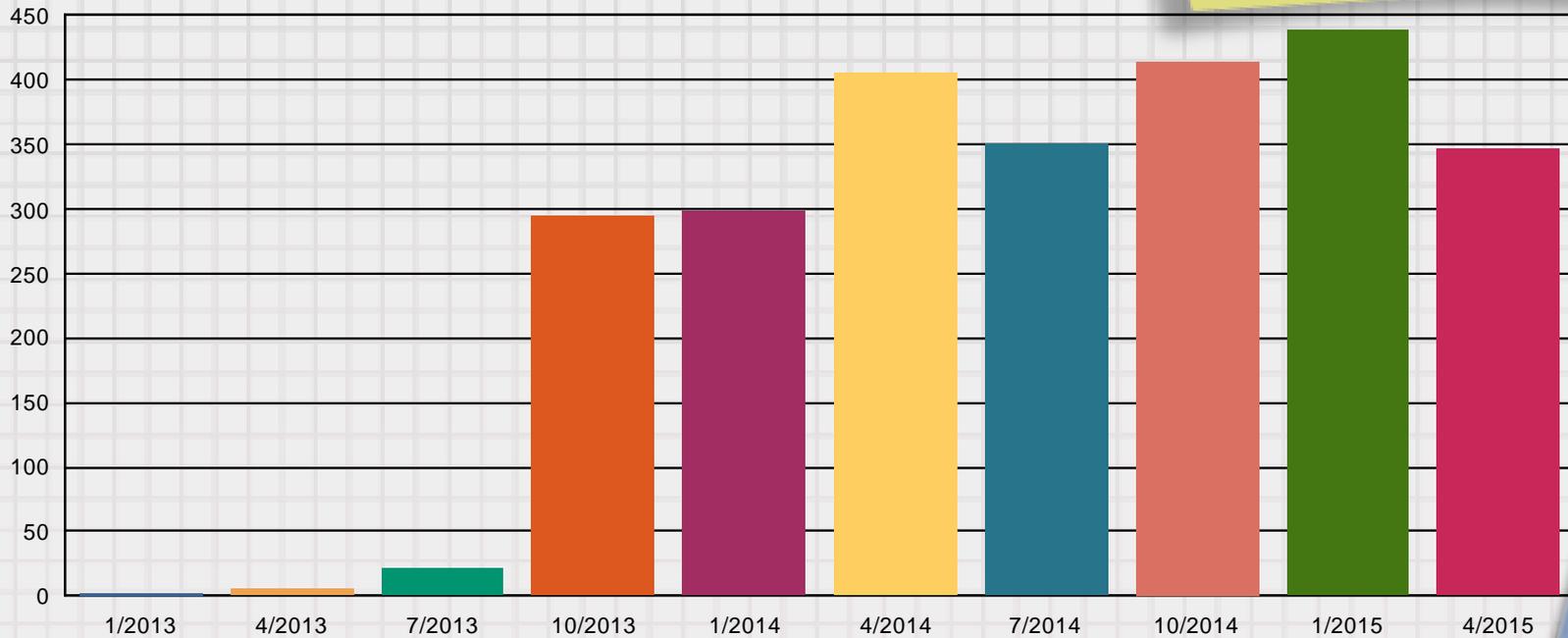
Split by Gender

eReferrals have been issued for all ages and gender



eReferrals Submitted per Quarter

*eReferrals
Have increased by
almost 300%*



eReferral

MVA eReferral Entry

Driver Details

SCAN

Soundex State

Name

First Middle Last

Address

City State Zip County

DOB Sex Race

Traffic Stop Details

Date Time Crash Type? County

Location

Charges Issued

| CHARGE CODE | CHARGE DESCRIPTION | CONTROL NUMBER | VIOLATION TYPE |
|-------------|-------------------------------|----------------|----------------|
| 13-411(a) | FAILURE TO ATTACH VEHICLE ... | 01K0A01 | ECitation |
| 22-412.3(b) | OPERATOR NOT RESTRAINED ... | MSP0511000137W | Warning |

Summary - What action/observation of the driver led you to request a re-examination/medical evaluation?

Indicators

Check all appropriate boxes for observed driving behavior and/or physical or mental conditions. At Least 1 required

- Confused/Disoriented
- Lost or Confused while Driving Near Home
- Drowsy
- Blackout
- Seizure
- Fainting Spell
- Alcohol/Illicit Drug Use
- Prescription Medication
- Weakness/Poor Coordination
- Walking/Balance Problem
- Vision Problem
- Not Reacting to Vehicles/Pedestrians
- Not Adequately Controlling Vehicle
- Driving Too Slow or Inappropriately Stopping
- Driving on Wrong Side of Road/Wrong Lane
- Other Observation Described in Summary

**Submit
eReferral**

**Print
eReferral**

**Search
eReferral**

**Cancel
Request**

STATE OF MARYLAND
MOTOR VEHICLE ADMINISTRATION
REQUEST FOR RE-EXAMINATION OF DRIVER

Incident Location: E/B 440 E/O HUGHES RD Accident Involved: PD

Incident Date & Time: 07/12/14 18:22 Incident County: HARFORD - 12

Driver's License Number: [REDACTED]

Name: [REDACTED]

Date of Birth: 01/11/1931 Race: WHITE Gender: M

Address: [REDACTED]

City: DARLINGTON State: MD County: HARFORD - 12 Zip: 21034

Charges

Type: Citation Control Number: 19N0G0D

21-301(a)- FAILURE TO DRIVE VEHICLE ON RIGHT HALF OF ROADWAY WHEN REQUIRED

Observed Driving Behavior and/or Physical or Mental Conditions

Confused/Disoriented Lost or Confused while Driving Near Home
Drowsy Prescription Medication
Not Adequately Controlling Vehicle

Summary

THE DRIVER COULD NOT TELL ME EXACTLY WHAT HAPPENED TO CAUSE THE ACCIDENT. HE DOES NOT KNOW HE NO LONGER LIVES ON [REDACTED] S RD, BUT LIVES ON [REDACTED] D. HE DOES NOT KNOW HIS TELEPHONE NUMBER. HE APPEARED TO BE SLUGGISH. HE HAD SLOW, SLURRED SPEECH. ON MULTIPLE MEDICATIONS AND COULD NOT TELL ME WHICH MEDICATION HE TOOK TODAY. OXYCODONE, SERTALINE, LISINAPRIL, SIMVASTATIN, NEXIUM, VERAPAMIL, LEVOTHYROXINE, PLAVIX, AVODART, FLOMAX, ECOTRIN. MILLER'S PUPILS WERE CONSTRICTED. HE COULD NOT FOLLOW THE TIP OF MY PEN (STIMULUS) USING HIS EYES ONLY. I WAS NOT ABLE TO TEST FOR HGN.

Certification of Officer

I certify pursuant to the provision of Section 12-109(b) Maryland Vehicle Law of the Annotated Code of Maryland under penalty of perjury that the statements made herein are true and correct to the best of my knowledge, information and belief.

Officer Signature: [Signature] ID Number: 6063

Officer Name: Tpr Lipsky

Agency: Maryland State Police Assignment: Barrack D Bel Air

Address: 1401 Bel Air Rd.

City: Bel Air State: MD Zip: 21014

eReferral

Print out of eReferral is clean and easy to read.

Data is electronically sent to MVA nightly.

Process is begun almost immediately.

Searchable eReferrals assist in situational awareness

Criminal Citation Data Collection

Legislative statute requires Maryland Law Enforcement agencies to collect data on every criminal citation issued and report the data to the Maryland Analysis center every year.

Maryland Analysis center requested a process to assist in the collection of this data.

Delta Plus already collects the race data for traffic stops

District Court has the majority of the required fields

Enter only fields required to match up with the court data on the back end

Create reports to track the entries of the data from officer and court

Court data will have information needed for this. Nightly, receive court data that will assist in audits and completion of the data.

Criminal Citation Data
Collection

Criminal Citation Data Entry

Citation Number:

Scan

Agency:

Issue Date:

Issue Time:

Officer ID:

Location:

Residence County:

Submit

Race/Ethnicity:

Close

Vehicle Search Report

- *MSP needs a vehicle search report with the CAD/RMS transition*
- *Traffic data is already in Delta Plus*
- *Be able to reduce the number of forms an officer needs to fill out for a traffic stop*
- *Race Data can be included with the report on reportable traffic stops to minimize the duplicate work*
- *Populate what can be populated via E-TIX*
- *Reports can be submitted from the vehicle*
- *Approval can be performed through Delta Plus*

Vehicle Search Reports

MSP transitioning to a new CAD/RMS with no search report. Custom report in RMS.

If all the traffic related data and work is in Delta Plus, let's put the vehicle search report in. Other agencies can use this report also. Approval will be built in to the report manager

Vehicle Search Reports

Vehicle Search Report

Search Report Information

Status: **Open** Reportable Non-Reportable
 CC# Date & Time 10-22-2014 10:51 Videotape #
 Location TEST LOCATION County HARFORD - 12

Vehicle

Year 2000
 Make FORD
 Model MUSTANG
 Tag TEST State MD

Driver Information

Race WHITE
 Gender M

Stop Reason

No Reason For Stop

Specific Grounds for Conducting Search

Search Type
 Search Reason

Specific Grounds For Search:

Additional Information

Duration of Stop (min)

Driver Information

DOB 01-18-2013
 County HARFORD - 12
 State

Outcome:
 Most serious violation (Warning, SERO, Citation, Arrest)
 Reason:

Crime Charged

Item Seized

| Item Type | Description | Amount | Location |
|-----------|-----------------------------|--------|----------|
| * | Click here to add a new row | | |



ACRS

Automated Crash Reporting System

The crash report in Maryland is out of date and needs to be updated to conform with new MMUCC standards being used throughout the country. MMUCC is continuing to change and the paper form is not going to work. Electronic reporting is the way to move for the crash report

FMCSA funding has assisted with development of ACRS.

MHSD has continued to support the ACRS effort with additional funding.

ELECTRONIC REPORTING WENT INTO
EFFECT
JANUARY 1, 2015

Train the Trainer and end user classes
started in November 2013

Transition has been smooth. No
paper is being accepted at Central
Records.

ACRS

Sgt. Jones is the point of contact for
ACRS training

ACRS

DataBak is Coming

- *The crash report schema is very complex and has a large amount of data*
- *Data is relational and XML files will be used*
- *XML will include the PDF of the crash report*
- *XSD files and Documentation is being developed for agencies to implement the data structure*

Schemas will change:

- *Definitions are updated*
- *Elements are added or removed*
- *Fields are added or removed*

DataBak for the agencies to receive their crash data

MEMO BOOK



Paper Traffic Stop Entry

Traffic Stop Collection

The Maryland
Transportation
Authority Police funded
this project.

Development has been
completed and deployed
to two agencies.

Natural Resource Violations

- Natural Resources Police requests that they be able to enter Natural Resource violation data through Delta Plus
- NRP have funding for the project
- Violations will be warnings and citations in the following categories:

1. Boating
2. Fishing
3. Hunting
4. State Lands
5. All other violations

Anyone allowed to issue Natural Resource violations will be able to use this.

NR SPECIFIC CHARGES

Location Code Other License Type License Number
Corporation Commercial

DONE

NR CHARGE CATEGORIES

BOATING

FISHING

HUNTING

STATE LANDS

OTHER

ADDITIONAL CHARGES

Additional charges are added via the All Sections or Chrges Search below

COMMON CHARGES

NR CHARGE SEARCH

ADD CHARGE

CHARGE SEARCH

License Plate Reader Data Collection

- The old process to collect information was via a google form
- Data may be missing if the user does not fill out the google form when an arrest is made involving an LPR as the reason for the stop
- LPR data collection made easier by tying it into the traffic stop

- Funded by the Maryland Transportation Authority

This will assist in collecting statistics for the program

Collecting this information will be related to the traffic stop if the user is using E-TIX. Less entry for an LPR stop.

SUSPICIOUS ACTIVITY REPORTING

- Current process is to call MCAC and report a suspicious activity
- Extend the FIR entry and add the information to promote it to a SAR
- Development is complete but not rolled out statewide

- We will be prepared to allow the officer to enter the information and have the information ready to send to a Fusion Center
- Vehicle, Aircraft, Vessel inclusion for all types of activities

Information entered can be passed to the Fusion Centers for inclusion in their system

NATIONWIDE SAR
INITIATIVE (NSI)
<http://nsi.ncirc.gov>

Inside the Mind of Sgt. Corea.....
You have been warned

CONFIDENTIAL

**KEEP
OUT**

CENSORED

TOP SECRET

NON-REPORTABLE CRASH??

WHAT IS THAT??
DATA LOSS!!!

SHORT FORM

REPORT FOR EVERY CRASH, BUT SHORTER FOR
PROPERTY DAMAGE CRASHES

FASTER REPORTS FOR PD, MORE CRASHES REPORTED FOR ANALYSIS...



Advise of Rights DR-15

DRIVER ORDER OF
SUSPENSION DR-15A

DUI PROCESS

AGENCIES WILL HAVE THE ABILITY TO WRITE A
FULL REPORT WITH APPROVAL PROCESS.

FASTER PROCESSING TIMES, BETTER DATA, BETTER REPORTS
MORE CONVICTIONS, SAFER ROADS





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