

MICHIGAN STATE POLICE

Technology Advancements

Michigan Traffic Safety Summit

February 28, 2006



MSP Technology Initiatives

- ❖ I-SERVICES Gateway
- ❖ NetRMS (Automated Records Management System)
- ❖ Visteon TACNET



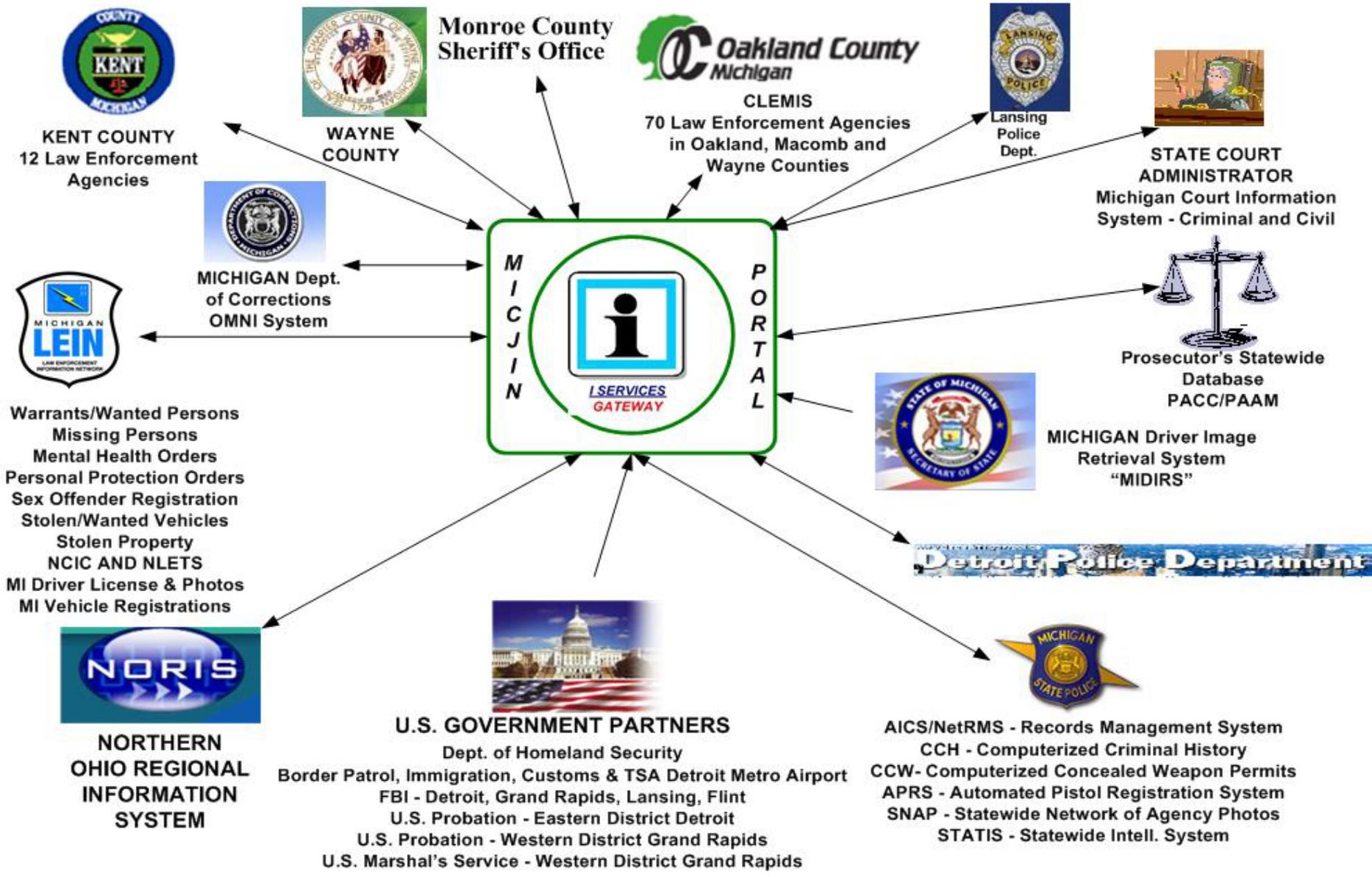
I-SERVICES Gateway

INTEGRATED SYSTEM for ELECTRONIC RETRIEVAL of VITAL INFORMATION for CRIME ENFORCEMENT and SECURITY

- ❖ What is I-SERVICES Gateway?
 - ❖ “Google®” for Law Enforcement
 - ❖ “One-Stop Shopping”
 - ❖ Integrated criminal justice information data sharing
- ❖ Primary Purpose
 - ❖ To facilitate the sharing of criminal justice information, intelligence, and photographs among federal, state, and local law enforcement agencies with disparate computer systems and databases



INTEGRATED SYSTEM for ELECTRONIC RETRIEVAL of VITAL INFORMATION for CRIME ENFORCEMENT and SECURITY



KENT COUNTY
12 Law Enforcement Agencies



WAYNE COUNTY

Monroe County Sheriff's Office



CLEMIS
70 Law Enforcement Agencies in Oakland, Macomb and Wayne Counties



Lansing Police Dept.



STATE COURT ADMINISTRATOR
Michigan Court Information System - Criminal and Civil



MICHIGAN Dept. of Corrections
OMNI System



Warrants/Wanted Persons
Missing Persons
Mental Health Orders
Personal Protection Orders
Sex Offender Registration
Stolen/Wanted Vehicles
Stolen Property
NCIC AND NLETS
MI Driver License & Photos
MI Vehicle Registrations



Prosecutor's Statewide Database
PACC/PAAM



MICHIGAN Driver Image Retrieval System
"MIDIRS"



NORTHERN OHIO REGIONAL INFORMATION SYSTEM



U.S. GOVERNMENT PARTNERS

Dept. of Homeland Security
Border Patrol, Immigration, Customs & TSA Detroit Metro Airport
FBI - Detroit, Grand Rapids, Lansing, Flint
U.S. Probation - Eastern District Detroit
U.S. Probation - Western District Grand Rapids
U.S. Marshal's Service - Western District Grand Rapids



AICS/NetRMS - Records Management System
CCH - Computerized Criminal History
CCW - Computerized Concealed Weapon Permits
APRS - Automated Pistol Registration System
SNAP - Statewide Network of Agency Photos
STATIS - Statewide Intell. System

I-SERVICES Gateway cont.



U.S. BORDER PATROL AGENT MARK HALL

“This is a great program. I ran one subject at the (Windsor-Detroit) Tunnel point of entry and was able to establish the fact the subject was listed by the FBI as a violent street gang member and possible ties to terrorism. We need to expand the system to all agents as soon as possible.”



NetRMS

- ❖ Replacing the AICS records management system
- ❖ Troopers and officers can securely enter, manage and search in real-time, data concerning crime incidents, crashes and citations
- ❖ This is a joint effort with MSP and local law enforcement
- ❖ The CLEMIS consortium and the Detroit Police Department are also using NetRMS
- ❖ Reporting functions of NetRMS include Incident, Intelligence, Crash, & Citation



Citation Issued* 1 - Hazardous

Vehicle Information

Vehicle Type* 01 - Passenger and SW Vehicle Registration* 999YZZ State* MI - Michigan
VIN* AAAAA111111111111111 Vehicle Year 1986 Vehicle Make Oldsmobile Vehicle Model 4
Vehicle Color RED - RED Insurance AAA Towed By/To _____

Vehicle/Unit Direction* 1 - N Special Vehicle* 0 - (N/A) Vehicle Use* 01 - Private Vehicle Defect _____
Private Trailer Type _____ Location Greatest Damage* 00 - Rollover First Impact* 00 - Rollover
Extent of Vehicle Damage* 6 - Heavy

Driveable* N - No Total Occupants* 1 Action Prior* 01 - Going straight ahead Sequence # 1* 01 - Loss of Control
Sequence # 2 06 - Overturn Sequence # 3 _____ Sequence # 4 _____ Most Harmful* 2 - Second

Commercial Vehicle

Commercial Veh/Truck & Bus/Hazmat* N - No

New Crash Unit

File Edit View Tools Help

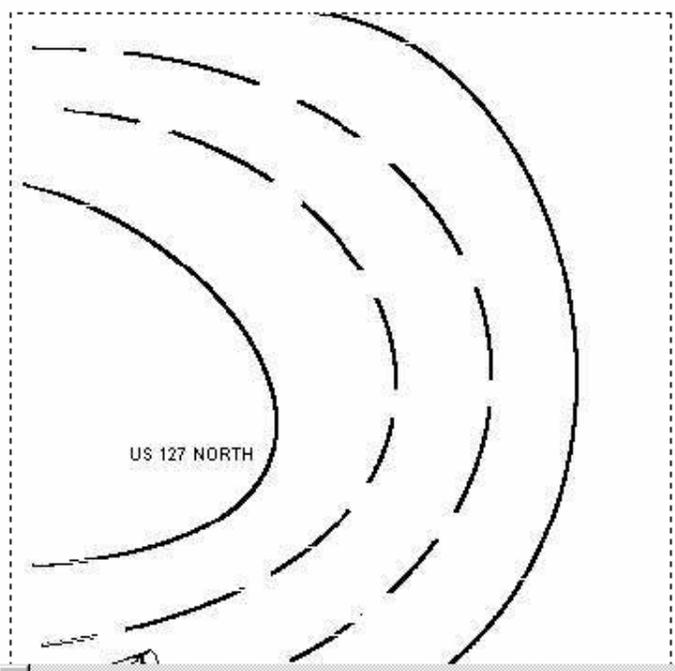
Save and Close [Print] [Copy] [Paste] [Undo] [Redo] [Checkmark]

Administrative | Crash Unit | Other Person | Property Damage (Non-Vehicle) | Diagram and Remarks

Images

Image Type D - DIAGRAM Title 1 Car Rollover Prepared By/Taken By MOSP-221 - ELLIS, JAMES Date 10/28/2005

Notes
NB US127 North of Trowbridge Road



CITATION DETAIL

Citation Type* 01 - UD-8 Citation Number* 104 Dept. No. 28

Warning Only _____ Victim Involved* No

LEAMS Case No 0050500462

Agency Name* LTPD - LEAMS TEST PD Agency ORI* MI3300568 Local Use _____

Date of Offense* 10/28/2005 Day of Week Friday Approximate Time of Offense* 3:00:00 PM

Location(Upon)* NB US 127 (At, or Near) Trowbridge

County of* 33 - INGHAM Within City/Village/Twp* 95 - Lansing

Traffic Crash No. _____ Special Zone _____ Damage to Property _____

Detection Device Used _____

The People of* 01 - State of Michigan Of* Michigan

Issued Date* 10/28/2005

| Officer's Name | Officer's ID No. |
|-------------------------|------------------|
| MOSP-221 - ELLIS, JAMES | 221 |
| | |

Remarks to Court Driver AAAAA11111spc This is a Test Citation

Copy served on defendant.* Yes

▼ New Offense

APPEARANCE INFORMATION

In the* D55 - 55th District Court Court Address 55th District Court 700 Buhl Dr.

CSZ Mason, MI 48854 Court Phone (517) 676-8400

Court Notification* 03 - Contact Court

Bond* 04 - None Total Amount \$ Appearance Certificate No.

OFFENDER DETAIL

Offender Type* 01 - Driver **Entity*** No **Offender Name*** Driver, Anne Carr
Address* 7064 Crowner Dr **CSZ*** Lansing, MI 48918 **Country** _____
Sex F - FEMALE **Race** B - BLACK **DOB*** 11/20/1962 **Age** 42
Hair Color BLK - BLACK **Eye Color** BRO - BROWN **Height** 5' 3" **Weight** 130
ID Type 01 - DLN **ID No.** _____ **DLN State** MI - MICHIGAN
DLN D616067108888
License Type 01 - Operator **CDL Grp/End** _____
SSN 2307 **Occupation/Employer** Teacher
Active Military Service* No **Injury** _____
BAC Test _____ **BAC Test Results** _____

Click here to bring forward an offender.

▲ Oldsmobile

VEHICLE DETAIL

Vehicle Type* PA - Passenger car & station wagon Commercial Vehicle* No

Year* 1986 Make* Oldsmobile Color* RED - RED

VIN

Serial No.

License Plate Number 999YZZ

State of Registration MI - MICHIGAN Year of Registration 2006

Vehicle Impounded

Commercial Vehicle Type

▼ New Vehicle

Click here to bring forward a vehicle.

NetRMS cont.

- ❖ Immediate benefits of NetRMS
 - ❖ Standard and ad hoc queries
 - ❖ Ability to capture photos and other images
 - ❖ Central databases of information
 - ❖ Reduction of keying and potential errors (crash/citations)
 - ❖ Electronic submission (paperless)



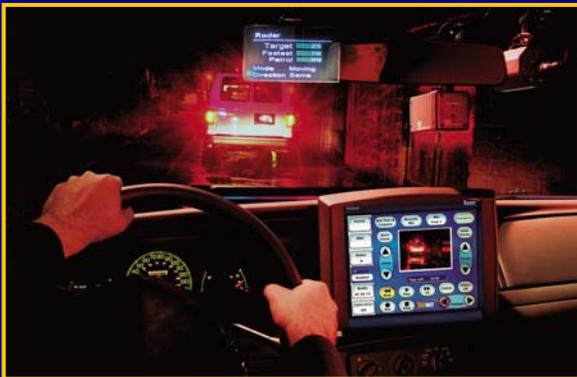
NetRMS cont.

- ❖ Long-term benefits of NetRMS
 - ❖ Newer technology, allowing for:
 - ❖ Information sharing through portal
 - ❖ Interfacing with other systems
(single entry, populating other databases)
 - ❖ Mapping of incidents, crashes, citations
 - ❖ Expanded user base due to greater accessibility



Visteon TACNET

- ❖ Visteon is an international automotive supplier employing over 50,000 employees, headquartered in Van Buren Twp
- ❖ TACNET is an integrated tactical network that centralizes the command and control of multiple systems in patrol vehicles
- ❖ MSP currently has 5 active TACNET Vehicles: Metro South, Metro North, Petoskey, Rockford, & Brighton
- ❖ Plan to procure an additional 50 units with recently awarded congressional earmark



Visteon TACNET cont.

- ❖ Problems with existing police vehicles
 - ❖ Most of the interior equipment (radios, radar, video, computer, etc.) is aftermarket installed, so...
 - ❖ Reduces space for occupants
 - ❖ Not designed for operation while driving, increasing distraction and crash risk
 - ❖ Not designed for interoperability (e.g., different radios cannot connect with each other), blocking information exchange and degrading officer performance and response time
 - ❖ In the path of air bags, creating hazards to officers



Visteon TACNET cont.

- ❖ Hazards to Officers: In a crash, loose/dislodged items become injury-producing projectiles



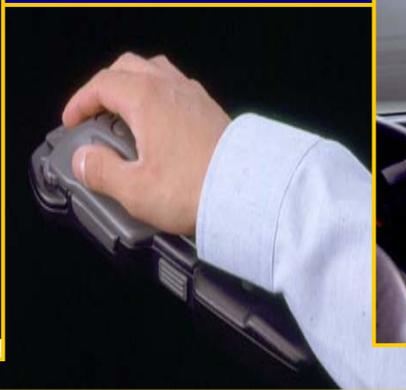




Visteon TACNET cont.

❖ Key Features of TACNET

- ❖ Windshield HUD (head-up display) keeps the eyes on the road
- ❖ Voice control of selected functions keeps the hands on the wheel, the eyes on the road, and should reduce distraction
- ❖ Fixed microphone
- ❖ Close control pod allows the driver to find manual controls easily
- ❖ Radio interoperability allows different radio systems to interact



Visteon TACNET cont.

- ❖ Benefits of TACNET
 - ❖ Cleans up the cockpit
 - ❖ Increases interoperability and communications capabilities
 - ❖ Increases driver focus
 - ❖ Allows air bags to deploy without interference
 - ❖ Decreases power consumption
 - ❖ Reduces risk of equipment projectiles

