Combating Drivers License Fraud

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Director of Investigations
New York State Department of Motor Vehicles
Combating Drivers License Fraud

• Facial Recognition
• Name Matching Software
• Document Scanning Workstations
• Participating in underage enforcement
• Partnership with Federal Law Enforcement
• Two stop verification of Breeder Documents
Facial Recognition

• NYS DMV went live utilizing Facial Recognition on 2/3/10.

• To date we have identified 14,000 subjects with 2 or more licenses.

• We have arrested over 3,000 and taken administrative action on over 7,500 subjects.

• Independent evaluation has verified the Traffic Safety impacts
New York State
Department of Motor Vehicles
FACIAL RECOGNITION PROGRAM
TRAFFIC SAFETY IMPLICATIONS
The First Three Years: February 2010 – January 2013

Prepared by
The Institute for Traffic Safety Management and Research
University at Albany, State University of New York
for
New York State
Department of Motor Vehicles
Division of Field Investigation
June 2013
### NYS DMV Facial Recognition Program

**Crash Involvement and Convictions for Select Traffic-Related Violations**

**First Three Years: February 2010 - January 2013**

<table>
<thead>
<tr>
<th></th>
<th>Drivers with Multiple License Records Who Are Possible Fraud Problems (N=12,338)</th>
<th>All NYS Licensed Drivers (N=11.3 million)*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>#</td>
<td>%</td>
</tr>
<tr>
<td>Crash Involvement</td>
<td>8,087</td>
<td>66.5</td>
</tr>
<tr>
<td>Convictions Related to:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Impaired Driving (DWAI/DWI)</td>
<td>1,211</td>
<td>9.8</td>
</tr>
<tr>
<td>Cell Phone</td>
<td>3,349</td>
<td>27.1</td>
</tr>
<tr>
<td>Unlicensed Operation</td>
<td>6,007</td>
<td>48.7</td>
</tr>
<tr>
<td>Seat Belt</td>
<td>7,051</td>
<td>57.1</td>
</tr>
<tr>
<td>Point Violations (e.g., speeding)</td>
<td>4,182</td>
<td>33.9</td>
</tr>
</tbody>
</table>

* Represents the number of drivers on the DMV driver record file who had a valid NYS driver’s license as of February 2013.
A Typical Traffic Safety Example

Identity #1 – NYS Class D Driver License
Valid Driving Privilege

Identity #2
Revoked Driving Privilege
• 04/2003 – Revoked for DWI
Identity # 1 – NYS Class D Driver License
Valid Driving Privilege

Identity # 2 – NYS Non-Driver ID Card
Revoked Driving Privilege
• 04/2003 – Revoked for DWI

Identity # 3 – NYS Class D Driver License
Suspended Driving Privilege
• 05/1990 – Suspended for DWI
• Six (6) Open Scofflaw Suspensions for Failure to Answer Summons from 1993 & 1994

Identity # 4 – NYS “No - NY License” Record
Suspended Driving Privilege
• 06/1996 – Court Ordered Suspended for CPCS
FACIAL RECOGNITION
Commercial / Bus Drivers
Name matching Software

• Utilizing matching software, NYS DMV examines its records looking for multiple records.

• The software detects possible matches based upon name variations and like sounding names.

• The software examines date of births and addresses provided on driving records.
• Louis Rivera, Jr. (09/03/1970)
  NYS Class D Driver License – VALID

• Louis Rivera, Jr. (09/03/1969)
  NYS “No NY License” Header Record – Suspended Driving Privilege

• Louis Rivera (09/09/1970)
  NYS “No NY License” Header Record – Suspended Driving Privilege

• Louis Rivera (03/09/1970)
  NYS “No NY License” Header Record – Suspended Driving Privilege

• Luis Rivera (09/13/1969)
  NYS “No NY License” Header Record – Suspended Driving Privilege

• Luis Rivera, Jr. (09/23/1969)
  NYS “No NY License” Header Record – Closed Scoffs

• Louis Rivera (07/03/1970)
  NYS “No NY License” Header Record – Closed Scoffs

• Louis Rivera (09/03/1970)
  NYS “No NY License” Header Record – Revoked Driving Privilege
Soundex

• Louis Rivera, Jr. (09/03/1970)
  NYS Class D Driver License – VALID

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ALL 8 Records have been MERGED

Suspension/Revocation Summary - Total Open: 180
  (Open Scofflaws: 154  On: 8 Dates)
  Judgment $: 10,043
• Van S. Whitmore (03/26/1970)
  NYS Non-Driver ID – VALID

• Van Whitmore (03/26/1970)
  NYS “No NY License” Header Record – **Revoked Driving Privilege**
  Suspension/Revocation Summary - Total Open: 69
  (Open Scofflaws: 54  On: 11 Dates)    Judgment $: 16,470

• Van Whitmore (09/08/1973)
  NYS “No NY License” Header Record – **Revoked Driving Privilege**
  Suspension/Revocation Summary - Total Open: 4
  (Open Scofflaws: 3  On: 1 Date)    Judgment $: 1,170

**ALL 3 Records have been MERGED**

Suspension/Revocation Summary - Total Open: 73
(Open Scofflaws: 57  On: 12 Dates)    Judgment $: 17,640
Document Scanning Workstations

Document scanning and authentication workstation (DSW) scans and validates breeder documents; stores proofing data to be independently validated at next stop.
Two stop verification of Breeder Documents

<table>
<thead>
<tr>
<th>Document Code</th>
<th>Document Name</th>
<th>Timestamp</th>
<th>Proof Status</th>
<th>Authentication Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>NYS PHOTO DRV LICENSE</td>
<td>2008-09-16 11:37:27</td>
<td>MACHINE AUTHENTICATED</td>
<td>OVERRIDDEN</td>
</tr>
<tr>
<td>005</td>
<td>US PASSPORT/PASSPORT CARD</td>
<td>2008-09-16 11:37:27</td>
<td>SCANNED ONLY</td>
<td>AUTHENTICATED</td>
</tr>
<tr>
<td>043</td>
<td>US UTILITY BILL</td>
<td>2008-09-16 11:37:27</td>
<td>SCANNED ONLY</td>
<td>AUTHENTICATED</td>
</tr>
<tr>
<td>044</td>
<td>SOCIAL SECURITY CARD</td>
<td>2008-09-16 11:37:27</td>
<td>MACHINE AUTHENTICATED</td>
<td>AUTHENTICATED</td>
</tr>
</tbody>
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Stop2 Proof Detail

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Participating in underage enforcement
Partnership with Federal Law Enforcement
Partnership with Federal Law Enforcement Continued
Questions or Comments?