Midwest Multi-State CDL Screening Operation

SEAL OF THE STATE OF ILLINOIS

IOWA DOT

DEPARTMENT OF MOTOR VEHICLES

Safe Drivers · Safe Vehicles · Secure Identities · Saving Lives
Pilot project

Funded by FMCSA grant awarded to the Iowa DOT/DMV

Goal:

- Reduce number & severity of CMV crashes
- Provide model to be used by other jurisdictions
- Ensure project can be expanded/linked to other jurisdictions for nationwide fraud detection and prevention
Institute for Transportation at Iowa State University

- Conduct independent qualitative analysis
  - Evaluate level of cross-jurisdictional fraud uncovered
  - Evaluate impact of fraud on highway safety

- Analysis based on:
  - Total number of records with hits
  - Total number/percentage of high probability matches; types of matches

- Research focus:
  - Current business practices
  - Impact of program (staff, resources, FR capabilities)
  - Results of project
  - Frauds, fraud types
  - Statistics
Multi-State CDL FR Screening

• Extend capabilities current FR systems
  • Photos from new/renewal CDL applicants
  • Searched against other jurisdiction’s entire photo database
  • High probability matches sent to originating jurisdiction for review and adjudication
Multi-State CDL FR Screening
• Assumptions
  • No citizen PII is left behind after identification searches or cleared cases
  • Solution includes investigation & communication features/functions
  • Screening practices and solution technology will evolve over time
**Technical considerations:**

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<tr>
<th></th>
<th>IA</th>
<th>NE</th>
<th>IL</th>
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<tbody>
<tr>
<td>Total CDL Records</td>
<td>296,576</td>
<td>110,450</td>
<td></td>
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<tr>
<td>Revoked/Suspended CDL Records</td>
<td>6092</td>
<td>6,172</td>
<td></td>
</tr>
<tr>
<td>Valid CDL Records</td>
<td>190,890</td>
<td>92,571</td>
<td></td>
</tr>
<tr>
<td>Daily CDL Images</td>
<td>492</td>
<td>181</td>
<td>750*</td>
</tr>
<tr>
<td>Annual Issuance</td>
<td>943,737</td>
<td>515,000</td>
<td>3,600,000*</td>
</tr>
<tr>
<td>Additional Daily Identification Load</td>
<td>931</td>
<td>1,242</td>
<td>673</td>
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<tr>
<td>Daily Issuance Identifications</td>
<td>3,932</td>
<td>2,146</td>
<td>15,000*</td>
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<tr>
<td>Nightly Batch Increase</td>
<td>24%</td>
<td>58%</td>
<td>4%</td>
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### Business considerations:

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<td>Multi-State Leads – 10%</td>
<td>49</td>
<td>18</td>
<td>75</td>
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<td>Daily Multi-State Hours (10 min/case)</td>
<td>8</td>
<td>3</td>
<td>13</td>
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• Business considerations:

- How should PII be handled for matches not cleared (fraud, data errors, other)?
- What data is required to verify an in-progress interstate transfer?
- What data identifies a record is in a review or hearing process?
- If an older ID Card exists with a different name but the current CDL is legitimate, what is the action?
- Are non-driving suspensions the same across all three jurisdictions?
- Can a driver switch jurisdictions to avoid suspension?
- If a case contains individuals from 3 or more jurisdictions, can dossiers used for collaboration show all candidates?
• Business considerations:
  • Will ad-hoc/manual uploaded image searches be allowed across jurisdiction lines?
  • Will search of candidate images be allowed across jurisdiction lines?
  • Will all possible candidate matches be allowed across jurisdiction lines?
  • Will binning (age, race, gender, etc.) be available for nightly identification searches?
  • Will non driver images be part of search (booking photos, etc.)?
For More Information
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