The Future Mobile Client - Inspection

IT Workshop – June 18, 2009

U.S. Department of Transportation

Federal Motor Carrier Safety Administration

Office of Information Technology
Federal Motor Carrier Safety Administration

Mobile Client - Definition

►A single field application that facilitates

- Inspections

- Interventions - Reviews / Audits – on or offsite

- Enforcement / Follow-Up Actions

- Crash Data collection

►Connectivity – will work online or offline

- Allows users to work offline and later sync with the central system / enterprise database when connected

- Provides real-time carrier, vehicle, and driver information or validation if connected

► Connectivity

- One user name and password

- Available on or off-line

► Integration / Consolidation of Applications

- No need to determine which application to use when

► Data Quality

- Standardization, consistent edit checks

► Flexibility

- Standard interface / data exchange capability for use with other state systems

► New DOT security requirements

► Federal Desktop Core Configuration Standard

► Incorporate functionality needed for the CSA 2010 initiative

www.fmcsa.dot.gov/csa2010/

Mobile Client Conceptual Overview

Mobile Client Application

Shared Functions and Services

- Log On/Log Off
- Data/File Management
- Uploads/Downloads

- Administrator Settings
- Manager Settings
- User Settings

Inspection Module

Includes functionality of Aspen, ISS, PIQ, and CDLIS Access (for license queries for one or two drivers)

Intervention / Audit Module

Includes functionality of CAPRI and CDLIS Access (for license queries for small or large batches of drivers)

Enforcement / Follow-Up Module

Includes functionality of CaseRite and UFA

Crash Module

Includes functionality for the collection of crash data

►Started with a focus on Inspection functionality

- Formed a working group with 16 states, including 2 border states represented – meet monthly and at CVSA

►Now adding a focus on Safety Audit functionality

- Including what is needed for the New Entrant rule

►Also adding a focus on Intervention functionality

- On and off-site reviews

►Working groups are being formed for both of these

- Format and generation of inspection report number

- Manager configuration – user levels

- Internet connection one time for user profile information

- Add Carrier DBA name in addition to Legal name

  - Suggestion to also add the full driver middle name

- Add Carrier Physical address in addition to Mailing address

- Interstate Indicator for the Carrier
  - Users need to be able to select multiple possible options for the particular carrier responsible for the vehicle

- USDOT numbers assigned to Intrastate carriers?

- How handle inspections with no DOT # when should have one

- Ability to Collect Multiple Shippers information

- Shortcuts for commonly cited violations / Repeat function

- Company # / Citation # / license plate # - field review – size, type, use

- State-specific violations – mapped to Federal violations

  - Expedited action violations

- Special study fields versus local fields

- Discussion of "fixed" versus "roadside" inspection locations

  - Need to make the designation more clear and to add "terminal" as an option

- Discussion of actual inspection process – check driver information first

- Discussion of various state optional fields, and those that may be useful for the client

►If a unit is conducting a post-crash inspection, collect enough data to determine if the correlating crash was a reportable crash

- If ticket for a moving violation was issued, then a note on the inspection reminding the company that a drug test may be required according to the FMCSR's

►Additional fields to consider

- GPS location, Accident Report #, OOS location, CDL Checked

►Ability to select and print inspector notes as part of the report, rather than on a separate page

►Ability to select a default inspection level

►Consider CVSA Sticker log utility

- Used by CHP and possibly other states to track CVSA sticker use and accountability

►General comments / feedback

►Please submit any additional feedback to:

brenda.lantz@ndsu.edu

(720) 238-0070