

KANSAS CRIMINAL JUSTICE INFORMATION SYSTEM
eCITATION STRATEGIC PLANNING PROJECT
WORK GROUP MEETING AGENDA (02-11-2009)

I. Project Initiation

- A. Purpose**
- B. Agenda**

II. Project Governance

- A. Work Group**
- B. Steering Committee**
 - 1. TRCC extension status**

III. Project Schedule and Communications

- A. Deliverable Status**
 - 1. Current Environment**
 - 2. Environmental Scan**
 - 3. Requirements**
- B. Schedule Status**
 - 1. Work Group Meetings**
 - 2. Steering Committee Meetings**
 - 3. Deliverable Due Dates**
- C. Web Site**
 - 1. <http://www.kansastrs.org/ecitation.aspx>**
- D. TRCC Presentation**
 - 1. Content?**



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IV. Current Environment

A. Interview List

B. Findings

1. TRCC implementing Traffic Records System (TRS)
2. KHP desires statewide eCitation system for its Troopers by end of 2009
3. TRCC has developed draft XML schema for Citations
4. DMV implementing new RMS system
5. 9 municipalities are using or are close to implementing an eCitation system developed by Advanced Public Safety, Inc. (APS) – (Lawrence, Overland Park, Olathe, Kansas City, KS, Hutchinson, Emporia, Fairway, Garden City, and Newton)
6. Other municipalities are looking at the APS system
7. Most traffic citation forms are unique to specific city/county
 - most information is the same – required by state statute
 - numbers pre-printed
8. Most patrol vehicles have MDTs (some rural cities/counties do not) – various types from business to rugged notebooks
9. Incomplete information to Officer at stop from driver history and vehicle information databases (Kansas Hot Files, KBI, NCIC, DMV)
10. Officers required by state statutes to sign traffic citations.
11. eCitation system may reduce Officer stop time by 1/3rd (10 minutes now to 7 minutes)
12. Hand deliver of completed citations to LEA, then hand delivery to Court and Prosecutor
13. Problems with illegible and incorrect entries (names, code numbers, court dates, etc) – significant time spent correcting



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14. **Manual entry of traffic citation data into LEA's RMS, Court's RMS, and Prosecutor's RMS – duplication - possibly entering same data 3 times – possible data entry errors at each stage - work flow not standardized among local jurisdictions**
15. **Some Prosecutors review misdemeanor citations before filing with in court to determine if the driver will be charged and/or the violation to be charged (enhanced – multiple violations)**
16. **Many Judges require paper original with Officer's original signature for trial**
17. **Disposition information sent electronically to OJA and KDOR/DMV, and sometimes sent by paper to LEA/LEO (copy of citation with disposition attached or list of dispositions)**
18. **OJA's rejection of disposition data due to errors and incomplete submittals – time consuming for courts to respond**
19. **Local Support – Excitement to willingness to consider - concerns**
20. **Rural cities and counties – write small number of citations – lack of MDTs in patrol vehicles**
21. **Inconsistent wireless internet connectivity across state - rural cities and counties (wireless, air-card, RF)**
22. **Funding concerns – software, hardware (MDTs, scanners, and portable printers), and wireless internet connectivity**
23. **OJA working on on-line payment of traffic ticket option for courts using Full Court**

V. Environmental Scan

A. State Scan Results

B. Vendor Scan Results



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C. Findings

1. Numerous cities, counties, and states throughout the U.S. have implemented eCitation systems
2. Some states use a central data repository (examples Alabama, Indiana, Kentucky, North Carolina, Washington) – accessible by local, state, and federal agencies – automatic uploading to specific databases (court, prosecutor)
3. Other states use a LEA data repository (APS, TraCS) for receipt of data from Officers, which can then be uploaded to other databases (court, prosecutor, state central repository, federal).
4. Use in-vehicle laptop or hand held computers – swipe or hand held scanners to read 2D barcodes and/or magnetic stripes – portable printers (4” wide or 8.5” x 11” size paper)
5. Automatic running of vehicle information upon key entry of license tag or scanning of registration
6. Automatic running of driver information on key entry or scanning of driver’s license
7. Real-time driver and vehicle information to Officer at stop
8. eCitation forms designed to look like jurisdiction’s paper form
9. Auto-population of eCitation forms from Officer’s shift login, scanning driver’s license and vehicle registration, and/or external databases (DMV, KBI, NCIC, GPS)
10. Drop down menus or word search for location and violations, with auto-population of codes and fines
11. Multiple violations on one ticket – ticket replication for multiple tickets, directed to violation field – ticket copying for issuance of ticket to new person with some of same information as last person (passenger, same location, etc.)
12. Verification – checks Officer’s entries - if error, directs Officer to specific field to correct or override – eliminates il-



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legible problems and significantly reduces entry errors

- 13. Override – Officer can override any field or certain fields**
- 14. Voice response – of information from driver and vehicle queries and as Officer enters data so Officer does not have to look away from stopped vehicle to computer screen -**
- 15. Electronic capture of signatures of Driver and Officer - electronic signature of Officer**
- 16. Scanners capable of taking pictures or finger prints - automatically uploaded to eCitation file on computer**
- 17. On portable printer Officer prints ticket for driver and any additional copies if necessary**
- 18. Officer can type notes/comments into eCitation file on computer**
- 19. Reduces time for traffic stop by about 1/3rd (10 minutes to 7 minutes)**
- 20. If wireless internet connectivity is available at stop, eCitation file can be immediately uploaded to LEA server or central repository file. – If wireless connectivity is not available, computer stores and uploads later**
- 21. If Supervisor approval required, Supervisor electronically notified of waiting citations, reviews electronically, and accepts or rejects – rejects go to Officer to correct – accepts go to court/prosecutor/central repository**
- 22. Eliminates manual data entry into LEA RMS, Court RMS, and Prosecutor RMS – significantly reduces entry errors**
- 23. Communicates with other computer languages that are XML compatible (court, prosecutor, central repository)**
- 24. Accepts disposition information from court electronically – if central repository, can upload data automatically and electronically to other databases (LEA, Prosecutor, DMV, OJA)**
- 25. Auto-updates MDTs with new or revised programs**



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- 26. Analysis of data – a wide range of analysis can be performed by the server from the stored information depending on the query – aid in deployment of LEOs, aid in traffic and road revisions, distribution of EMS services, etc.**
- 27. Software Vendors –**
 - a) Advanced Public Safety (APS) (approx. 5 states – numerous cities/counties – 9 cities in Kansas);**
 - b) TraCS - Iowa (approx. 12 states);**
 - c) Auri Group (Indiana);**
 - d) CARE Research & Development Laboratory (CRDL), U of Alabama Computer Science Dept. (Alabama);**
 - e) Interplat Solutions (North Carolina);**
 - f) VisionTEK (Colorado and some cities/counties)**
- 28. Hardware vendors – numerous – examples –**
 - a) Panasonic (MDTs), Rugged Notebooks (MDTs)**
 - b) Motorola (MDTs and Handheld PCs)**
 - c) General Dynamics Itronix (MDTs and Tablet PCs)**
 - d) Honeywell (MDTs, scanners, wireless connection, GPS)**
 - e) Hewlett-Packard (MDTs, Pocket PCs, scanners, printers)**
 - f) Intermec (MDTs and Handheld PCs)**
 - g) E-Seek (barcode and magnetic stripe readers)**
 - h) Magtek (magnetic stripe readers)**
 - i) Zebra Technologies (printers)**
 - j) Pentax (printers)**
 - k) Epson (printers), plus retailers**



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VI. Future Vision

- A. Information Flow**
- B. Repository Functions**
- C. Integration with TRS**
- D. Integration with KCJIS**

VII. Benefits

- A. Handout**

VIII. Next Steps

- A. Deliverables**
 - 1. Strategic Plan (Future Vision)**
- B. Next Meeting?**
 - 1. February 25th or 26th?**
 - 2. March ?**

