Arizona TraCS
Traffic and Criminal Software

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TRAFFIC RECORDS MANAGER
Arizona TraCS

- Originally developed for the Iowa Department of Transportation.
- ADOT is the license holder for the State and pays a $60K maintenance fee.
Arizona TraCS

- Electronic forms management software.
- Can be used by all law enforcement for:
  - Electronic traffic citations,
  - Traffic crash reports,
  - DUI Affidavit,
  - Other traffic safety data forms.
Which agencies can use **TraCS**

- Software is available to all Law Enforcement at no cost
- Printing software is at no cost to courts or Law Enforcement Agencies
- Several Arizona agencies are discussing implementing **TraCS**
- 17 other states and literally 1,000s of agencies nationwide have switched to **TraCS**
Keeping it together

• Agencies can add as many forms as they choose and it does not cost them or ADOT any more.

• Putting all the forms on one software platform allows the officers the ability to group all documents from one stop/incident and also allows auto-population from one form to another.
TraCS structure

• **TraCS** consists of two related applications connected through several communication options which are activated through the Start and End Shift functions.
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- **TraCS Database** (SQL Server)
- **ADOT Transmission Utility**
  - Collision Forms
    - Via Web Services
  - E-Citations
    - Via MQ Series
- **TraCS Courts & ADOT**
Equipment Needed For Vehicle

To equip the vehicle so that the officer can do everything needed, you would need the following:

- Computer / Laptop
- Printer
- Scanner
TraCS Application & Devices

• **TraCS Mobile for Field Units:**
  ✓ MDCs
  ✓ Laptops
  ✓ *Electronic Tablets or other handheld computers running Windows XP or Pro 7*

• **TraCS Office for Workstations:**
  ✓ PC desktops and laptops connected to the AzDPS network.
  ✓ MDCs with web connection can also act as workstations.
TraCS Application & Devices

• Any Mobile printer can be used as long as print format is programmed

✓ DPS has chosen a thermal printer capable of 8.5 x 11 documents to allow the use of current document formats
Agency server

• Each agency has an agency server storing the TraCS data and forms.
• Data and document are available from this server to all department stakeholders with access.
• TraCS will output the data via message queues in an XML scheme. To non-departmental stakeholders such as ADOT, MVD and the Courts.
• It is also capable of sending a separate or embedded file which contains a picture of the document.
Citation Data to the Courts

- An XML data stream is/can be sent to the court.
- XML data stored contains signatures along with the data.
- “Citation Explorer,” a free application created by ADOT allows the court to search and print.
Citation Data to the Courts

• Officers can print the defendants copy, court copy/complaint and the officer copy with notes and *pictures* from their car or office.

• In courts not set up for Electronic Data, officers turn in the court copy on paper just like handwritten citations.
Arizona TraCS

- In a joint effort between AOC, DPS and ADOT, the electronic traffic citation (E-Citation) has been developed and tested for use in the AzTraCS software.

- The Crash form, E-Citation, DPS contact form, Tow form, Supplemental Report Form, Consent to Search form, SIA form, Warning, Repair Order and Field Interview Card are in production.

- Additional forms have been created and are in the process of being rolled out; they include the vehicle removal and 30 day impound hearing forms.
Current Status

• Pima Consolidated Courts are receiving production data and no paper copies.

• Prescott Consolidated are receiving production data and no paper copies.

• All Maricopa County JPs are in production.

• All AOC/AZTEC Courts are receiving production data and no paper copies.
What does L.E. Gain?

• Efficiency on the roadside

• Significant increase in officer safety and efficiency for law enforcement reducing exposure at the roadside.

• The roadside is a dangerous place +/- 50% of officers injured or killed are so due to secondary traffic accidents/collisions
What does L.E. Gain?

- For every minute an officer is on the roadside the chances of a secondary incident goes up 2.8%
- Secondary crashes make over 20% of all crashes and 18% of all fatalities
- Efficiency in the back office
What does L.E. Gain?

• Data driven policing, electronic forms eliminate the need for tedious after the fact data entry

• Substantially fewer errors due to validation rules

• Storage of paper copies

• Direct accessibility to forms by officers and others who need them
Possibilities for Courts

- Streamline the gathering and sharing of information
- Increase in the timeliness, accuracy and completeness of data
- Fewer errors
- Legible citations
Questions

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