

eCitation

CARE Research & Development Laboratory (CRDL) at the University of Alabama has developed Electronic Citation Software (eCitation) that can be used to quickly, accurately, securely and legibly issue citations by an officer in a mobile setting. Using a conventional laptop or tablet PC, an officer can issue tickets electronically, print a copy for the violator, and periodically transmit the tickets to an on-line central server repository. The data is then in the court system and doesn't have to be hand-entered by the clerk. With our Web-based query software, an officer can then query the previously administered tickets and ascertain previous charges (or warnings) associated with issued tickets.

This program has a number of versatile features:

- Driver's license barcode and magnetic stripe scanning;
- Auto-population of driver's license information;
- Interfaces with Web pages and other applications;
- Set defaults to auto-populate certain form fields;
- Ability to import driver and/or vehicle data from third party applications (ASPEN, etc.);
- Ability to import location data from GPS device;
- Automated data validation;
- Ticket replication to allow multiple tickets to be written quickly and easily;
- Templates to allow customized preset values;
- Automated Internet-based upload of ticket data to central data repository;
- Automated internet-based download of ticket numbers from a central repository;
- Ability to write warning tickets.

The screenshot shows the eCitation software interface for Alabama Uniform Traffic Ticket and Complaint. The window title is "eCitation - Alabama Uniform Traffic Ticket And Complaint". The user is logged in as Administrator. The form is for a person named KERRI M KEITH. The form fields are as follows:

Person Information			
First Name	Middle/Maiden Name	Last Name	
KERRI	MICHELLE	KEITH	
Address		Phone	
105 ANYWHERE DRIVE		205-555-5934 X 1234_	
City	State	Zip Code	
MONTGOMERY	Alabama	36116	
Sex	Race	Date of Birth	Social Security Number
Female	White/Caucasian/Hispanic	03/10/1979	111-22-3333
Height	Weight	Eyes	Hair
5' 8"	125	GRN - Green	BLN - Blonde
Driver's License in Possession	License State	Driver's License Number	License Class
<input checked="" type="radio"/> Yes <input type="radio"/> No	Alabama	1234567	D

With this software, license scanning is optional, and requires a separate scanner device. The E-Seek 250 is a card reader that has been found to be a particularly reliable and effective device in this regard. We support the E-Seek 250 as well as numerous other scanning devices by vendors such as Symbol and Intermec. Through the use of third-party license parsing software, we can scan and interpret driver's licenses from almost any state.

This application can be adapted and customized to meet the requirements of your jurisdiction. Once customized, the eCitation software may be licensed

within your jurisdiction at no charge. With the exception of the third-party license parser, all costs are one-time fees associated with the customization of the software. Cost is determined based on the requirements of your jurisdiction. Contact Rhonda Stricklin at rstricklin@cs.ua.edu or at 205-348-0991 (1-866-349-CARE) for further details.

