

# Alabama Officer's Desktop

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The Alabama Officer's Desktop was designed to assist officers in expediting their work. The Desktop puts the officer's critical software tools at their fingertips - all on one screen - working together - seamlessly. The Officer's Desktop is a software framework that integrates a driver's license scanning device, LETS (a secure web-based search engine), an electronic citation form and ASPEN (software for federal electronic reporting of commercial vehicle violations). GPS has been integrated so officers can capture their location and input it directly into the citation. Microsoft MapPoint is integrated and an option for those needing mapping capabilities. Information can also be exported out of eCitation and ASPEN and into an officer's daily activity log, also integrated into the desktop. The data captured with the scanner and other data such as citation or vehicle information can easily be transferred between the applications. A crash form and an incident/offense report form are currently under development as new integrations into the Officer's Desktop.

The data integration model used for the Officer's Desktop is bus-based integration rather than typical peer-to-peer integration. The advantage of this is that it provides a single point of interface for all peripherals such as scanners and GPS devices. There is no need to manually intervene with each application and the peripherals. You only need to communicate with the "bus" rather than each individual application along the bus framework.

The Alabama Officer's Desktop was developed at CARE Research & Development Laboratory at the University of Alabama Computer Science Department in cooperation with and sponsored by Alabama Department of Public Safety, Alabama Administrative Office of Courts and the Federal Motor Carrier Safety Administration.

For more information about adapting the Officer's Desktop for your state, contact Rhonda Stricklin at 1-866-349-CARE or [rstricklin@cs.ua.edu](mailto:rstricklin@cs.ua.edu)

