ADVANCE is a powerful web portal dashboard that allows users to analyze and visualize electronic data in a variety of ways. Any database can be configured to display in an ADVANCE dashboard.

+ Currently the eCite, eCrash, eWeight and ULTRA databases have been put into ADVANCE. Other databases will be added.

+ ADVANCE was developed at CAPS through sponsorship from the former Alabama Criminal Justice Information Center and the Alabama Office of Highway Safety. ADVANCE is individually password protected for use by law enforcement personnel only.

FEATURES

+ Numerous source databases
+ Displays summary data
+ Performs dynamic analysis
+ Searches records
+ Applies filters to data
+ Generates maps based on GIS
+ Does side-by-side data comparisons
+ Drill down tab for specific filtering of data
+ Uses rapid CARE Processing Engine
+ Can view/print eCite tickets and eCrash reports
+ Data sources are updated nightly for timely data
+ CARE Online Analysis tab for frequency, crosstabs and more
+ Report tab for routine reports
+ Exports data, charts and graphs to Excel or as an image

AVAILABLE IN HTML 5 VERSION
with iPad & iPhone compatibility
The Center for Advanced Public Safety is a research and development center at The University of Alabama dedicated to the use of information technology to positively impact society.

Our research and development activities have been centered on the application of novel technology to public and transportation safety, but our work transcends these areas into emergency medical and social services – all areas where we can have substantial societal impact and improve the lives of citizens of our state, nation, and world.

CAPS can assist you in addressing your software systems development and integration needs using a variety of the latest technologies. While we have our own innovative products, we are not tied to a specific vendor or technology.

As a university, we have access to the latest cutting edge equipment, software and talent to provide you with the ultimate state-of-the-art solution. We are non-profit; our costs are determined based on your specific requirements. Please contact CAPS to discuss how our products and services can meet your needs.

For more information about developing ADVANCE for your state, contact Rhonda Stricklin at rstricklin@cs.ua.edu

Citations and crashes for one week period
Blue = citations, Red = crashes

Heat map of eCitations given for 30 day period

AVL map shows all police cars with live GPS units