

### Traffic Records System

#### What are the TRCC and the TRS?

The Traffic Records Coordinating Committee (TRCC) is an interagency committee that has been working since June 2005 to develop a statewide Traffic Records System (TRS). The TRS will provide state and local agencies with the ability to properly assess and plan for the safety of the motoring public. By bringing together information that is now housed in separate, isolated repositories in KDOT, KDOR, KDHE, KBI, KBEMS, and other organizations, new analysis can be performed that will allow the state to have a much more complete picture of traffic safety in Kansas.

The TRCC and supporting agencies have been actively working on a number of initiatives that design, prototype and implement the technologies that formulate the foundation of the TRS. The graphic below depicts four of the key projects and their interaction for the capture and reporting of Crash information. Definitions of each of the projects follow and provide information on the current status.



#### Kansas Law Enforcement Records System (KLER)

The Kansas Highway Patrol (KHP) is in the process of developing a new offline data capture system to replace the current AFRS and EADCR applications. KLER will provide KHP and local law enforcement with the ability to electronically capture critical records data using existing mobile laptop computers in patrol cars.

KLER is a common law enforcement field-based reporting system that will incorporate over 15 reports used during traffic and accident stops, including crash forms from KDOT, incident forms from KBI, insurance forms from KDOR, and eventually a new statewide uniform traffic e-citation. All the forms will be in one software package for the officer on the street.

#### Data Validation System

The TRCC has recently hired Genesis10 and ImageTrend to develop the technology required to support real-time and batch validation of crash information. This technology will first allow KDOT to define the business rules associated with the data captured on the new crash form and then allow KHP to interact with the rules as part of the new KLER application. Once a record has passed validation, the system will package and exchange the information using the XML transaction standards.

The TRCC includes representatives from the following agencies and organizations throughout the state of Kansas:

- Association of Chiefs of Police (KACP)
- Board of EMS (KBEMS)
- Bureau of Investigation (KBI)
- Criminal Justice Information System (KCJIS)
- Department of Health and Environment (KDHE)
- Department of Revenue (KDOR)
- Department of Transportation (KDOT)
- Highway Patrol (KHP)
- Insurance Department (KID)
- Kansas Corporations Commission (KCC)
- Mid-America Regional Council (MARC)
- Office of Judicial Administration (OJA)
- Peace Officers Association (KPOA)
- Sheriff's Association (KSA)
- Division of Information Systems and Communications

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### **Kansas Accident Records System (KARS) and New CRASH Form**

The Kansas Department of Transportation (KDOT) has redefined the state crash reporting form and is in the process of upgrading the state crash repository to support the new and changed data elements. The project includes replacing the existing data entry system for manual record submission and the development of new business processes to support the electronic submission of information using the new XML schema definitions.

### **XML Schema Definitions**

The TRCC has developed two initial XML Information Exchange Process Descriptions (IEPDs) for exchanging data between law enforcement systems and state agency repositories following the standards and conventions defined in the National Information Exchange Model (NIEM). The two draft IEPDs created by the TRCC are the Crash Report and the Citation Report. The use of national standards increases data compatibility and conformity with other states and the federal government. More information can be found at [www.niem.gov](http://www.niem.gov).

### **Traffic Records System Detailed Design**

The TRCC also developed the detailed design of the TRS during the first quarter of this year in order to provide the architecture and foundation for future projects. The work was completed by Genesis10 with active participation from KDOT, KHP and the KBI. The results of the design is published on [www.kansastrs.org](http://www.kansastrs.org).

### **Kansas Emergency Medical Information System (KEMIS)**

The Kansas Board of Emergency Medical Services (KBEMS) has recently contracted with ImageTrend, Inc. to provide offline and online applications and the state central repository for the capture and reporting of EMS data. ImageTrend is the leader nationally in providing these systems and will be providing the EMS StateBridge, EMS ServiceBridge and EMS FieldBridge products.

ImageTrend will be hosting the central repository and providing the data exchange and filing systems. The EMS ServiceBridge application is a web-based data capture application and the EMS FieldBridge product is software for a laptop that can be used in emergency vehicles.

### **How does this impact you?**

Many of projects identified in the Traffic Records Strategic Plan lead to the development or improvement of statewide systems and repositories, which will be available for use by most Kansas agencies and organizations. The TRCC is actively encouraging collaboration at both the state and local levels, and will release both Section 408 grant funding from the National Highway Transportation Safety Administration (NHTSA) and state funds to help assist with the implementation of these initiatives. For more information on the program and its projects, go to [www.kansastrs.org](http://www.kansastrs.org).

For additional information on this program, please feel free to contact any of the following individuals:

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