



Kansas Bureau of Investigation

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Kansas Bureau of Investigation DUI Portal/Repository Common Questions 2/08/2011

What are the major components that need to be built to provide the DUI portal that will be used by courts and prosecutors?

- An automated Kansas disposition reporting (KDR) capability at the KBI, for receiving electronic disposition reports from district and municipal courts.
- A DUI web portal that provides courts and prosecutors the ability to search Crime Incident/Arrest data from Kansas Incident Based Reporting System (KIBRS), Criminal History, and Driver History repositories simultaneously, view comprehensive information regarding previous DUI cases, and select those records to be included in a "certified" record to support DUI prosecution and sentencing.
- A subscription/notification service that will provide courts and prosecutors the ability to subscribe to an individual's criminal history record and be alerted should a new criminal event occur.

What must be done to build an effective electronic KDR gateway?

- Expand and modernize the existing disposition reporting gateway to: a) be functional for a larger number of agencies, b) collect additional information not currently maintained at the central repository, c) improve data validation processes, and d) be aligned with federal standards for automated information exchanges.
- Build error and exception handling mechanisms, so courts can review/correct electronically submitted information with minimal intervention from KBI data quality staff.
- Develop monitoring reports and tools to assist in identifying agencies that are not reporting arrests and/or dispositions.
- Develop technical documentation to aid courts in connecting and submitting data to the KDR gateway.
- Make performance improvements to the Criminal History Repository. Rather than manually entering thousands of new records over the course of several months, those records will now electronically enter the repository in real time. Because KCJIS has no funding support the KBI has been unable to improve central repository performance to meet the increased use it has experienced over the last 10 years. The system is therefore now severely strained. Without corresponding performance improvements an additional electronic reporting mechanism and hundreds of additional users will potentially disable the current system.

What must be done to build the DUI Portal for courts and prosecutors?

- While Criminal History has for years been available for searching via the KCJIS' "Master Search" functionality, DMV and KIBRS data have not. Search functionality of DMV data will be added as part of the KCJIS-DMV interface modernization project, but an interface with KIBRS data will need to be added to the master search function. Some elements of Criminal History will also need to be updated so all three datasets can be searched simultaneously.
- Names and other common identifiers will not always be consistent between all three data sets, largely because all three data sets are reported from different sources. The system will therefore need to provide courts and prosecutors the ability to search all data sets and select which records are to be included in the 'certified DUI record'.

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Attachment 1

- The KCJIS-DMV interface may need to be expanded to access more driver history than has been accounted for in the KCJIS-DMV Interface Modernization project.
- Both the DMV and KDR interfaces will have to be expanded to provide access to physical documents that have been scanned into each agency's respective document repositories. *It is important to note this particular capability will be heavily dependent upon courts and DMV being able to provide access to such documents. Their capacity to do so is unknown to KBI.*
- Because of inadequate funding for KCJIS through the years, the existing web site is bifurcated in terms of its technical structure. This must be resolved to integrate the new DUI portal with other systems.

What must be done to build a subscription/notification system?

- An efficient mechanism must be developed to monitor the 3 million-plus (and growing) arrest and criminal history records to detect the arrival of new events and notify the email the subscriber.
- Courts and prosecutors will need screens to a) review and/or clear new Alerts, b) manage which criminal records for which they want to receive an Alert.

What are the advantages of this new system beyond just DUI prosecution and sentencing?

- While the KDR Gateway is targeted toward DUI dispositions, there is no reason it shouldn't be used for all disposition reporting. This would greatly improve the functionality and timeliness of all reporting and data retrieval.
- It is anticipated district court information will come from one location (OJA), significantly reducing the disposition reporting requirement for county prosecutors.
- Improved automated processes and error handling mechanisms should result in fewer manual interventions to correct data; the system would assist the user entering accurate information by identifying and helping to correct mistakes.
- Monitoring mechanisms, which have previously been unavailable, will assist KBI staff and other interested parties in readily identifying which courts are/are not reporting dispositions to the central repository.
- All of the above will make Kansas criminal history information some of the most timely and complete in the nation. That has significant impact to the state in terms of criminal investigations, pre-sentencing investigations, parole eligibility reviews, pre-employment/licensing checks, firearm purchasing/licensing eligibility checks, and adoption eligibility checks.
- Similarly, an alerting subscription/notification system will be of tremendous value to criminal investigators, prosecutors for non-DUI criminal and/or civil cases, probation and parole officers, sheriff offices and prosecutors monitoring registered offenders, and both criminal and non-criminal agency employers.

Why is this so expensive, doesn't the central repository already exist?

- Arrest and disposition records do exist at the central repository, as does a connection to DMV records. However additional disposition information beyond what is already collected by the repository, has been requested, so the central repository must be expanded. Large-scale electronic disposition reporting must be built. Incident and arrest records, previously used primarily for only statistical purposes, must be put 'on-line' and made searchable. A 'one-stop shop' capability to assemble *only* the DUI related records does not exist and must be built. And finally the alerting, subscription/notification system that will monitor millions of arrest records for activity must be constructed.
- Further, like the aging air conditioner for which you can no longer find parts, some of the central repository infrastructure must be upgraded to current standards. Without consistent funding for essential on-going maintenance, such a cost is unfortunately inevitable anytime a significant enhancement is requested.

How long will this take?

- This is estimated as a 24 month project if managed as a single project.

- The electronic interface could be available 8-10 months after the project launches. The DUI portal will require approximately 10 months. And the remaining components about 12 months.

Can this be built in phases?

- Yes. One possibility would be to complete the detailed design and build the DUI portal first. Doing so would provide courts and prosecutors visibility into the arrest and disposition information that already exists and flows into the central repository daily. Furthermore the design effort would produce the specification for electronic disposition reporting, which could be built during a second phase of the project, thereby providing courts ample time to adopt the specification into their disparate systems
- Alternatively the electronic disposition reporting gateway could be built first. This would improve the speed at which dispositions are reported. However courts and prosecutors would have to use the existing capabilities of the KCJIS to locate and print records of interest until such time as reporting functionality specific to DUI records could be constructed. Not all records would be available (KIBRS would not), and a specific set of records that would constitute a 'certified DUI record' could not be produced. Furthermore, in building the gateway sufficient time must be allowed to fully evaluate the new disposition data being requested, build the specification, and for courts to incorporate the specification into their individual systems.
- To be most cost effective, the project must be committed to in its entirety even if it is built in phases. Much like a road construction project that is done in phases, there is a cost associated with moving the equipment to another job site only to return it a year later. Ideally the project would be conducted in a single, continuous effort, however the duration could be 2 or even 3 years in order to spread out the financial burden.

What would be the phases and costs of a 2 year project?

- The size of this project dictates it be a minimum two year project.
- Year 1 – \$1,150,000
 - Required infrastructure
 - KDR Gateway (does not imply all courts would be connected in year 1, only that the gateway would be built and available by the end of year 1)
 - Initial construction for DUI Portal
 - Initial construction for Subscription/Notification
- Year 2 – \$1,510,000
 - Completion of DUI Portal
 - Completion of Subscription/Notification

What would be the phases and costs of a 3 year project?

- To help alleviate the fiscal strain, the project could be extended over a 3 year time frame.
- Year 1 – \$550,000
 - Required infrastructure
 - KDR Gateway (does not imply all courts would be connected in year 1, only that the gateway would be built and available by the end of year 1)
- Year 2 – \$1,055,000
 - Initial construction for DUI Portal
 - Initial construction for Subscription/Notification
- Year 3 – \$1,055,000
 - Completion of DUI Portal
 - Completion of Subscription/Notification

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