MINUTES

JOINT COMMITTEE ON INFORMATION TECHNOLOGY

September 20-21, 2007
Room 526-S—Statehouse

Members Present

Representative Joe McLeland, Chairman
Senator Tim Huelskamp, Vice-Chairman
Senator Janis Lee (Friday only)
Senator Mike Petersen
Senator Chris Steineger
Representative Mike Burgess
Representative Nile Dillmore
Representative Harold Lane
Representative Jim Morrison

Member Excused

Senator Vicki Schmidt

Staff

Don Heiman, Legislative Chief Information Technology Officer
Julian Efird, Kansas Legislative Research Department
Aaron Klaassen, Kansas Legislative Research Department
Scott Wells, Office of the Revisor of Statutes
Gary Deeter, Committee Secretary

Conferees

John Oliver, Chief Information Officer, Kansas Public Employees Retirement System
Robert Waller, Chief Administrator, Board of Emergency Medical Services
Joe Moreland, Special Project Manager, Board of Emergency Medical Services
Mike Hayden, Secretary, Kansas Department of Wildlife and Parks
Russ Jennings, Commissioner, Juvenile Justice Authority
Kelby Marsh, Director of Information Technology, Juvenile Justice Authority
Terry Heidner, Legislative Liaison, Kansas Department of Transportation
J. Thomas Thull, State Bank Commissioner, Office of the State Bank Commission
Glen Caspers, Regional Manager of Information Technology, Office of the State Bank
    Commission
Dr. Alexa Posny, Commissioner, Kansas Department of Education

Andrew Allison, Deputy Director, Kansas Health Policy Authority
Dr. Lorne Phillips, State Registrar and Director of the Center for Health and Environmental
  Statistics, Kansas Department of Health and Environment
Dr. Gail Hansen, State Epidemiologist, Kansas Department of Health and Environment

Others Attending

See attached list.

Thursday, September 20
Morning Session

The Chairman called the meeting to order at 10:10 a.m., and welcomed John Oliver, Chief Information Officer, Kansas Public Employees Retirement System (KPERS), who briefed the Committee on the status of the KPERS Information Technology (KIT) Project (Attachment 1). Giving a brief history, he said beginning in 2003 the agency began a multi-year project to replace and enhance its information systems, using a phased, incremental approach. He commented that Phase II (core system replacement) was completed in 2006, and Phase III (service enhancements) is scheduled to be completed in 2009; he noted that all phases have been on time, on budget, and on target. The entire project cost is estimated to be $8 million. He stated that three initiatives are scheduled for FY 2008: a disaster-recovery project, a security enhancement project, and a platform consolidation project. Members discussed with Mr. Oliver and Denise Moore, Executive Chief Information Technology Officer, possible locations for the disaster recovery hot site. Ms. Moore said the Department of Administration will work with Mr. Oliver, the Board of Regents, and Wichita State University in developing a site. Referring to 2007 legislation affecting KPERS, Mr. Oliver said the system is flexible and can accommodate a new design.

Robert Waller, Chief Administrator, Board of Emergency Medical Services, testified regarding Kansas Emergency Medical Information System (KEMIS), which is the agency's response to SB 546 passed by the 2007 Legislature (Attachment 2). He stated that the system will enable the agency to acquire and analyze pre-hospital information, providing a bridge between data generated by the Kansas Department of Transportation (KDOT) Traffic Records Coordinating Committee and the hospital data gathered by the Kansas Department of Health and Environment (KDHE) Trauma Program. He explained that participation in the project among the 173 ambulance services is voluntary; presently 62 are participating in the project. He said the Board of EMS, having formed a steering committee and a technical advisory committee, is presently preparing to issue a Request for Proposal (RFP), expecting to develop a Commercial Off-the-Shelf (COTS) web-based system from one of 38 possible vendors, the system following National Emergency Medical Services Information System standards. He said the software costs are as yet unknown, but estimates for hardware and ancillary costs for FY 2007, 2008, 2009, and 2010 are $297,013; $225,000; $555,000; and $292,500, respectively. Members queried Mr. Waller extensively regarding the Agency's plan to develop a separate system rather than partner with KDOT or KDHE and simply expand an existing system. Mr. Waller replied that the data sets are different for emergency services and that the planned system would fully integrate with other agencies.

Joe Moreland, Special Project Manager, Board of Emergency Medical Services, explained that most work is not trauma-related, that 10 percent of calls are traffic accidents, 40 percent are scheduled transfers (nursing homes, etc.,), 15 percent are non-traffic injuries, and 30 percent are medical emergencies. Members expressed concern that three separate systems would exist to

handle similar data and noted that since participation in the system is voluntary, the gathering of data would not be timely. A member noted that the statute wording of "shall report" would seem to indicate that all emergency service companies should participate. A member commented that some services are small, staffed only by volunteers, and buying into the system would be onerous for them.

Don Heiman commented on the House Voting Board and House/Senate Vote Management System, which will be installed in time for the 2008 Legislative Session (Attachment 3). He said the House chamber renovation will be completed on November 15, leaving less than two months for the seven sub-contractors to install the International Roll Call (IRC) voting system and ancillary components. Responding to a member's question about possible television over Internet Protocol (IP), Mr. Heiman said Legislative leadership is considering it; the proposal would bring cable television to the southeast vault, where the signals would be run through a decoder and be modulated out through IP, obviating the need for extensive coaxial cable wiring. He commented that Treanor Architects will create four media-rich hearing rooms; all other hearing rooms will have deep infrastructure capabilities.

Afternoon Session

The JCIT minutes for August 16-17, 2007, were approved. (Motion, Representative Lane; second, Senator Petersen)

Mike Hayden, Secretary, Kansas Department of Wildlife and Parks, updated the JCIT on Kansas Outdoor Automated License System (KOALS), noting that the contract with vendor Central Bank, presently with 677 licensed agents, expires in December 2010 (Attachment 4). He observed that, when the contract expires, the agency is considering managing the system rather than relying on a Missouri vendor, a decision that will add cost to the agency, but will provide jobs for Kansans. He said KOALS is currently developing Phase II, automating boat certificates, beginning with a pilot program on October 1; the park reservation system will be delayed in order to implement changes mandated by KSA 32-918 and 23-495–suspension of licensing privileges to individuals delinquent in child support payments, a total of about 3000 individuals. He said as soon as the Kansas Department of Social and Rehabilitation Services (SRS) supplies the final database, the agency will mail notices to affected individuals. Commenting that Central Bank provides the system without charge to the agency, he listed the fees collected by the vendor: CY 2005, $389,631; CY 2006, $1.1 million; CY to date, $795,793. Answering questions, Mr. Hayden said that the agency owns the database, but not the software; if the agency decides to manage the system, new software must be developed. He replied that change orders to accommodate the child-support statute were paid with penalty credits assessed against the vendor.

Russ Jennings, Commissioner, Juvenile Justice Authority (JJA), reported on the consolidation of three databases into a web-based application that is compatible with the Kansas Criminal Justice Information System (KCJIS) (Attachment 5). He stated that the new system will free staff for more direct contact with the youth. He estimated the cost for the three-year project to be $1.13 million. Responding to members' questions, Mr. Jennings said the project plan was submitted to the Kansas Information Technology Office (KITO) and is awaiting approval. He replied that presently no system links exist between JJA and the Department of Corrections (DOC). A member suggested evaluating collaboration with DOC on two of their systems under development. Ms. Moore said that, according to a KCJIS flow chart, there are very few crossover match points between JJA and DOC. Mr. Jennings replied that the agency has submitted the project to the Budget Division for FY 2009 and that the break-even point extends to 48 months.

Terry Heidner, Legislative Liaison, Kansas Department of Transportation, appeared before the JCIT to review the status of six KDOT projects (Attachment 6). He stated that the Communication System Interoperability Program, begun in FY 2005 to establish state-wide 800-MHz radio coverage for first responders and other interested entities, has completed Phase I (the 23 tower sites for Southeast Kansas) and a part of Phase IIa (some parts of Northeast Kansas). Phase IIb, scheduled for FY 2008, will complete Northeast Kansas and begin in Central and Western Kansas, when completed, will serve 81 percent of the state's population.

Regarding the Comprehensive Program Management System Replacement, Mr. Heidner said the system manages projects and funding for the state's transportation network; the $9.28 million project is presently in the design phase.

Mr. Heidner explained that the Enhanced Priority Formula System is an improvement on the method used for selecting major highway construction projects. Currently URS Corporation is working with KDOT to update the formulas on the first sub-project, Non-Interstate, which is scheduled for completion November 2007. Two sub-projects remain: Interstate & Bridge, and Release and Implementation. Answering a question, Mr. Heidner said the Kansas Turnpike Authority has its own formula system, about which he had no information.

Explaining that the Fabric Switch Replacement Project upgrades KDOT's Storage Area Network infrastructure, Mr. Heidner said the the switch was installed and tested in August 2007 and was fully functional on September 15, 2007; cost for the project was $239,008.

Regarding the Crew Card Reporting System IV, which provides a single data entry point for all KDOT district crews, Mr. Heidner said after several delays because of vendor project manager turnover and deficient deliverables, the project is back on track under vendor Quilogy, and tested modules are meeting specifications. The total project cost is estimated to be $953,797.

Mr. Heidner commented on the Kansas Traffic Records Coordinating Committee (TRCC), an inter-agency committee comprised of nine state agencies, three federal agencies, and various other entities, who are developing a Traffic Records System (TRS) in response to the federal transportation bill (Safe, Accountable, Flexible, and Efficient Transportation Equity Act: A Legacy for Users), which allocates federal funds to help states develop traffic records reporting capabilities. He stated that the TRS will create a master index for traffic records, which are presently housed in isolated repositories. As of August 20, 2007, Kansas has received $577,052 in federal funds, which are granted on a year-to-year basis.

Answering questions, Mr. Heidner said the total cost for the Communication System Interoperability Program will be $55.4 million by 2012, with $6.0 million coming from the State General Fund. He replied that the TRS will integrate Emergency Medical Services (EMS) data. Members discussed the value of expanding an existing data system to include EMS data rather than building a separate system.

J. Thomas Thull, State Bank Commissioner, Office of the State Bank Commission, introduced Glen Caspers, Regional Manager - IT, Office of the State Bank Commissioner, who gave a brief overview of the Commission. He then reviewed a project which will integrate four legacy data-management and licensing systems (Attachment 7). He said that in 2005 the Commission collaborated with the Boards of Nursing, Cosmetology, and Pharmacy to issue an RFP and selected vendor CAVU Corporation. The Commission received high-level KITO approval and in March 2007 negotiated a contract for $409,760, beginning the project in April 2007, with a total cost estimated to be $570,000. He said the project, currently on time and on budget, is scheduled for completion in April 2008. Answering a member's question, he said five vendors responded to the RFP

Friday, September 21
Morning Session

Dr. Alexa Posny, Commissioner, Kansas Department of Education (KDE), reviewed the Department's need for an integrated data system (Attachment 8). She noted that the legislature approved nearly $1.7 million to fund the project through FY 2008, and KDE is including a FY 2009 budget request of $803,307 to complete the project. She observed that when ten responses for designing the system failed to meet requirements, internal staff took training to design the Enterprise Data System. She stated that the first phase was completed in June 2007 and, in the same month, KDE received approval from KITO for the second phase. She said the final phase is scheduled for completion in November 2009. She explained that the system will enable KDE to track each Kansas student, will provide better data for analysis, should help address the impending teacher shortage, and will enable KDE to respond to questions immediately. She noted that eventually the system can aid in fiscal reporting. Answering questions, Ms. Posny said in FY 2008 the student identifier will be developed; the following year a teacher identifier will be included. She replied that each child may have 100-plus data points. She said the system will track teacher certification, a student's name change, and will integrate out-of-state information from some neighboring states.

Andrew Allison, Deputy Director, Kansas Health Policy Authority (KHPA), gave testimony about a new project, the Data Analytic Interface (DAI), and gave a status report on the National Provider Identifier (NPI) component of the Medicaid Management Information System (MMIS). Mr. Allison also included an organizational chart for the Authority (Attachment 9). He commented that since July 2006, KHPA has operated the Medicaid Program, the State Children's Health Insurance Program, the State Employee Health Plan, the State Employee Worker's Compensation Program, and the Kansas Health Insurance Information System. A further responsibility was given to KHPA, administration of the Health Care Data Governing Board, which manages health data for one million Kansans. In order to provide effective management, the KHPA reorganized its structure and consolidated data functions under the direction of a newly created position: Senior Director of Data Policy and Management. Dr. Hareesh Mavoori was hired August 20, 2007, to fill this position. Under Dr. Mavoori's leadership, a data consortium is being formed to communicate with stakeholders in various health care fields and provide wider access to health care and health policy data, an initiative which can best be addressed by a state-of-the-art data management and interface design (the DAI project), which was fully funded for FY 2008. An RFP was developed, KITO approval was obtained on October 12, 2006, an Advance Planning Document (APD) was submitted to Centers for Medicare and Medicaid Services (CMS) on December 26, 2006, resubmitted on May 11, 2007, and the project received CMS approval on July 3, 2007, allowing KHPA to receive 90 percent federal funding on 84 percent of the system. An RFP was issued on July 25, 2007, closing on October 25, 2007. Mr. Allison estimated the project can be completed in one year after the contract is awarded.

Mr. Allison answered members' questions. He said data from the Emergency Medical Services is not collected by KHPA. He replied that Medicaid ambulance records go to the Medicaid vendor, EDS, which adjudicates the claim and stores the information. A member recommended that integrated systems should always have interfaces to other agencies. Mr. Allison replied to another question that the KHPA wants to make better use of its present data and eventually could be designed to follow an individual state-wide. He replied the DAI will be a modified COTS package, and, since few other states are attempting what Kansas is doing to integrate health policy, there are no other systems in place to adapt for Kansas' use.

Mr. Allison stated that the MMIS is being modified to accept the NPI; the unique identifier number assigned to health providers. He said KHPA has received 19,575 NPI, or 95 percent of

those providers required to use the NPI; 755 more NPIs will bring the total to 100 percent. He explained that although CMS made available a database of NPI numbers on September 4, 2007, the system is not amenable to thorough cross-checking of NPI numbers. KHPA has spent $3.8 million of the estimated $5.9 million needed for complete implementation of the project. Answering questions, Mr. Allison replied that the original deadline of May 23, 2007, for accommodating the NPI was extended a year to May 23, 2008; he noted KHPA will meet the deadline and is providing assistance for pharmacists, who are the least prepared. He further noted that although 95 percent of health-care providers have obtained an NPI, only about 70 percent of claims arrive with an NPI. Responding to another question, Chris Schwartz, Deputy Director of Medicaid and Operations, replied that one purpose of the project is to streamline the current process by eliminating one step in reporting Medicaid claims. Instead of funneling claims through Financial Accounting and Reporting Management System, the SRS financial accounting system (FARMS), the information will be fed directly from MMIS to the State-Wide Accounting and Reporting System (STARS). She did not know if FARMS will be absorbed into the proposed state-wide Financial Management System.

Dr. Lorne Phillips, State Registrar and Director of the Center for Health and Environmental Statistics, Kansas Department of Health and Environment, brought a status report on the Vital Statistics Integrated Information System, Death Registration (Attachment 10). Commenting that Phase I (imaging and internal workflow) was completed in 2002, he said most of Phase II (integrating electronic records on birth, marriage, divorce, abortion, and a portion of the death system) was implemented January 1, 2005. Phase III will complete a fully electronic death registration system. He noted that presently 260 of the 354 Kansas funeral homes use the web-based system, accounting for over 50 percent of all death certificates filed. He stated that because the system includes electronic notification of death to the Social Security Administration (SSA), KDHE received a $383,440 grant from SSA to assist in the development of the death registration. He said three vendors responded to the RFP for Phase III, and the agency is currently negotiating with the top vendor. Answering questions, Dr. Phillips said the agency is working to accommodate death registrations from Missouri. He replied that abortion statistics are all submitted electronically, but marriage and divorce statistics are more complex because compatible links have not yet been built to the Kansas court system database.

Dr. Gail Hansen, State Epidemiologist, Kansas Department of Health and Environment, testified regarding the proposed Kansas Electronic Disease Surveillance System, which will integrate information regarding diseases and those who treat them. She defined *surveillance* as a process of collecting data to be used for analysis in tracking disease outbreaks. She said the present HAWK system, built in 1999, needs to be upgraded to comply with new Centers for Disease Control and Prevention (CDC) requirements, and local health departments are requesting more information from the agency, making the present system obsolete. Noting that funding will come from the CDC and the agency will use vendors who have built similar systems in other states, she said four phases are planned to implement the new system, each one taking about a year to complete. Answering a question, she said that EMS data is somewhat important, but is not used for definitive analyses.

Members discussed a proposed motion to encourage collaboration between KDOT and the Board of Emergency Medical Services (EMS). The motion was printed as follows:

- *Prior to awarding contracts for a Kansas Emergency Medical Information System, Kansas Health Policy IT systems, and Kansas Traffic Records Coordinating Committee proposed traffic records system, the Board of Emergency Medical Services, Director of Kansas Health Policy and Financial Administration, and KDOT should jointly present to JCIT an enterprise architecture showing the information flows to and from their proposed systems to all other agency systems being planned, under development, or currently in operation.*

- *The architecture should also show functional design of the new Kansas Health Policy, EMS, and Traffic Records systems. The functional design includes a high level view of how the system data repositories interoperate, how data flows, and how the systems integrate. In addition, the architecture should show how the systems reduce duplication of effort, data entry, and functionality that exist in current agency systems affected by the EMS, Kansas Health Policy, and KDOT initiatives.*

- *Bill Roth, Chief Information Technology Architect, should assist the Board and KDOT in preparing the architecture report and presentations to JCIT. The report should be presented on or before JCIT's January 2008 meeting (Attachment 11).*

Senator Huelskamp moved to adopt the motion; it was seconded by Representative Lane and the motion passed unanimously.

A second printed motion was discussed:

JCIT requests the Revisor of Statutes to provide an opinion on the intent of KSA 65-6153. The opinion should address the authority of the EMS Board to require full EMS provider participation in any reporting system developed by the Board.

Senator Huelskamp moved to adopt the motion, which was seconded by Representative Lane. The motion passed unanimously.

Members discussed meeting dates. They agreed on the following dates:

- October 18;
- November 9; and
- December 17-18.

The meeting was adjourned at 11:19 a.m. The next meeting is scheduled for October 18, 2007, with hearings scheduled for the morning and a joint meeting with the Information Technology Executive Council in the afternoon.

Prepared by Gary Deeter
Edited by Aaron Klaassen

Approved by Committee on:

    October 18, 2007
        (Date)