Report of the
Joint Committee on Information Technology
to the
2016 Kansas Legislature

Chairperson: Representative Brett Hildabrand

Vice-Chairperson: Senator Mike Petersen

Other Members: Senators Marci Francisco, Tom Holland, Garrett Love, and Jeff Melcher; and Representatives J. R. Claeys, Keith Esau, Brandon Whipple, and John Wilson

Charge

- Study computers, telecommunications, and other information technologies used by state agencies and institutions;
- Review proposed new acquisitions, including implementation plans, project budget estimates, and three-year strategic information technology plans of State agencies and institutions;
- Monitor newly implemented technologies of State agencies and institutions;
- Make recommendations to the Senate Committee on Ways and Means and House Committee on Appropriations on implementation plans, budget estimates, and three-year plans of state agencies and institutions;
- Report to the Legislative Coordinating Council (LCC) and make special reports to other legislative committees as deemed appropriate; and
- Review, evaluate, and submit to the LCC a report regarding the Propylon contract; and
- Information technology security at Kansas government agencies, including findings from LPA reports and agency responses.

December 2015
Conclusions and Recommendations

In review of agency projects, the Committee noted the reoccurring prevalence of technology disparities as well as many small free-standing information technology (IT) structures continually being created within individual agencies that could all significantly benefit from the formalized structure and environment of a centralized system. The Committee noted a centralized system would have considerable strengths in system security and management, software updates and maintenance, cost savings and control, expertise sharing and sustainability, and overall effectiveness of statewide IT efforts.

The Committee recommends consideration of a centralized statewide information technology policy, infrastructure, provision, and progression efforts. The Committee recommends the branch Chief Information Technology Officers, in collaboration with agencies and others with IT expertise, work to define and, with the Legislature’s assistance, refine an action plan to provide and further efforts towards a centralized IT structure to be presented to the Legislature. Areas of consideration discussed by the Committee included the following:

- **Policy**: The Committee recommends statewide Wi-Fi security and mobile device standards be created. This standard should include an architecture and security structure with policies created for mobile devices, encryption, and state email and cloud-based services.

- **Infrastructure**: The Committee recommends a project management function be prioritized to focus on infrastructure and asset centralization. This function should work to leverage current and future acquisition and maintenance of IT through the development and implementation of strategies in the areas of licenses, programs, equipment, systems, and services provisions.

- **Active Evaluation**: The Committee recommends all projects include some form of basic metrics by which the project can be evaluated for successes; refinements, revisions, or both; or other forms of resolution.

*Proposed Legislation*: None.

**BACKGROUND**

The Joint Committee has statutory duties assigned by its authorizing legislation in KSA 46-2101 et seq. The Joint Committee may set its own agenda, meet on call of its chairperson at any time and any place within the state, and introduce legislation. The Joint Committee consists of ten members, including five senators and five
The Joint Committee met during the 2015 Interim as authorized by the Legislative Coordinating Council (LCC) (2 interim days). The Committee met February 18, May 14, May 19, November 23 (interim), and November 24 (interim).

The duties assigned by its authorizing legislation in KSA 46-2102 and by KSA 2015 Supp. 75-7201 et seq. are as follows:

- Study computers, telecommunications, and other information technologies used by State agencies and institutions. The state governmental entities defined by KSA 2015 Supp. 75-7201 include executive, judicial, and legislative agencies and Regents institutions.

- Review proposed new acquisitions, including implementation plans, project budget estimates, and three-year strategic information technology plans of state agencies and institutions. All state governmental entities are required to comply with provisions of KSA 2015 Supp. 75-7209 et seq. in submitting such information for review by the Joint Committee.

- Monitor newly implemented technologies of State agencies and institutions.

- Make recommendations to the Senate Ways and Means and House Appropriations Committees on implementation plans, budget estimates, and three-year plans of state agencies and institutions.

- Report annually to the LCC and make special reports to other legislative committees as deemed appropriate.

In addition to the Joint Committee’s statutory duties, the Legislature or its committees, including the LCC, may direct the Joint Committee to undertake special studies and to perform other specific duties. Additional items of study assigned to the Committee included the following items:

- Review, evaluate, and submit to the LCC a report regarding the Propylon contract; and

- Information technology security at Kansas government agencies, including findings from Legislative Division of Post Audit (LPA) reports and agency responses.

KSA 2015 Supp. 75-7210 requires the Legislative, Executive, and Judicial Chief Information Technology Officers (CITOs) to submit annually to the Joint Committee all information technology project budget estimates and revisions, all three-year plans, and all deviations from the state information technology architecture. The Legislative CITO is directed to review the estimates and revisions and the three-year plans and the deviations, then to make recommendations to the Joint Committee regarding the merits of and appropriations for the projects. In addition, the Executive and Judicial CITOs are required to report to the Legislative CITO the progress regarding implementation of projects and proposed expenditures, including revisions to such proposed expenditures.

COMMITTEE ACTIVITIES

At the February 18 meeting, the Joint Committee was briefed on legislation proposed in the 2015 Session, SB 7 and HB 2010, by the Legislative Post Audit Committee, which would require LPA to conduct information technology (IT) audits of State agencies. LPA also presented an overview of the IT security audits that the office has been doing on an ad hoc basis since 2000.

At the May 14 meeting, LPA staff gave the Joint Committee a status update on the IT security audit being conducted by the office.

At the May 19 meeting, the Acting Executive CITO presented the most recent agency quarterly project reports and cited several initiatives that aim to increase efficiencies in executive branch agencies. Two representatives of the Legislative Office of Information Services provided the Joint Committee with project updates and initiatives considered by the office. The Judicial CITO
outlined current and future initiatives, including
the statewide implementation of an electronic-

Based court filing system.

During the Interim, the Joint Committee met
on November 23 to hear updates from all three
branch CITO's. The Judicial CITO told the
Committee that e-filing should be available in all
Kansas counties by spring 2016 and the Judicial
Branch hoped to have a request for proposal for a
centralized case management system by next year.
The Legislative CITO presented the Committee
with a list of 15 in-progress or upcoming projects.
The Executive CITO also presented an update on
current executive IT projects, including the
Executive Branch Technology Modernization
project. The manager of the Office 365 project
also provided an update of that project roll-out.

The Joint Committee met again on November
24. The Executive Director of the Kansas
Eligibility and Enforcement System (KEES)
project presented an update of that endeavor.
Furthermore, two representatives from the Kansas
Department for Aging and Disability Services
presented information on the Kansas Aging
Management Information System.

Also at the November 24 meeting, the
Committee entered into a closed executive session
in order to confer with an agency representative
from the Kansas Department of Wildlife, Parks
and Tourism regarding the progress of a project,
then reentered an executive session in order to
receive an update from LPA staff regarding
security audits conducted and in progress. Upon
resumption of the regular public meeting, no
further discussion or action on these items took

Interim Review Summary

During the 2015 Interim, as part of the Joint
Committee’s review of both active and proposed
IT projects, the Executive CITO presented
quarterly reports at the November meetings.
Reports are available online at:

http://oits.ks.gov/kito/epmo/summary-of-
information-technology-project-status-reports

As of the quarterly report published on
September 2015, there were 22 active projects
totaling $101,707,890. The following information
was prepared by the Enterprise Project
Management Office of the Kansas Office of
Information Technology Services and published in
November 2015.

Projects are listed in the following format:

**AGENCY**

Project Name

Project Cost; Est. 3 Future Years of Operational
Cost

All new Approved, Recast, Completed and
Planned projects for this reporting period are in
**BOLD**.

New Active projects for the quarter and
projects that are in a Caution, Alert, or Recast
status for the quarter will be noted in **BOLD**
and **ALL CAPS**.

“**Project Cost**” means planning, execution
and closeout dollars of a project.

“**Est. 3 Future Yrs of Operational Cost**”
means three future years of operational,
maintenance, and ongoing costs after the project is
completed.

**ADMINISTRATION, DEPARTMENT OF**

**FOCUS ON CUSTOMER UPGRADE
SUPPORT (FOCUS) PROJECT** $4,257,952;
$5,338,974

Oracle BI Analytics Implementation – Data
Warehouse Upgrade II $2,063,061; $692,679

**CHILDREN AND FAMILIES, DEPARTMENT
FOR (DCF)**

Child Support Services System Modernization
Planning Project $972,480; $0

HB 2015 Project $2,467,454; $16,578

Kansas Legislative Research Department 0-3 2015 Information Technology
DCF Cloud Computing (DCC) To Be Determined; To Be Determined

DCF Enterprise Content Management Assessment (DECMA) To Be Determined; To Be Determined

DCF Mainframe Application Migration (DMAM) To Be Determined; To Be Determined

DCF Office 365 Implementation (DOI); To Be Determined; To Be Determined

CORPORATION COMMISSION, KANSAS

Kansas Trucking Regulatory Assistance Network (KTRAN) $990,115; $90,000

Document Management System To Be Determined; To Be Determined

CORRECTIONS, DEPARTMENT OF

Kansas Juvenile and Adult Correction System (KJACS) $17,000,000 - $22,000,000; $3,000,000

EDUCATION, KANSAS STATE DEPARTMENT OF

KN-CLAIM System Replacement $1,381,163; $203,747

HEALING ARTS, KANSAS STATE BOARD OF

Licensing/Enforcement Database Application $343,359; $120,000

HEALTH AND ENVIRONMENT, KANSAS DEPARTMENT OF

KANSAS ELIGIBILITY ENFORCEMENT SYSTEM IV (KEES IV) PROJECT $25,077,223; $33,535,610

MEDICAID INFORMATION TECHNOLOGY ARCHITECTURE (MITA) / MEDICAID MANAGEMENT INFORMATION SYSTEM (MMIS) PRE-PROJECT III $668,478; $0

KDHE/DHCF SSIF Claims Data Management System Project $673,757; $341,990

HIGHWAY PATROL, KANSAS

Digital Video Refresh – Infrastructure $2,230,756; $66,000

INFORMATION TECHNOLOGY SERVICES, KANSAS OFFICE OF (OITS)

OITS Executive Branch Electronic Mail Consolidation $9,747,325; $300,000

OITS INFORMATION TECHNOLOGY FINANCIAL MANAGEMENT (ITFM) SYSTEM II $1,002,826; $0

OITS INTERNET UPGRADE FY 2015 – INFRASTRUCTURE $2,361,834; $0

STATE DEFENSE BUILDING FIBER INFRASTRUCTURE $1,299,879; $0

Executive Branch Technology Modernization (EBTM) – Infrastructure $24,435,156; $8,299,696

INVESTIGATION, KANSAS BUREAU OF

KS DUI TRACKING SYSTEM (RECORD & POLICE IMPAIRED DRIVERS–RAPID) III $2,252,043; $454,500

Security Architecture Modernization – Identity Access Mgmt. (SAM-IAM) $533,840; $90,000

Kansas Incident Based Reporting Replacement $625,000; $225,000

Livescan Equipment Purchase $304,690; $0

JUVENILE JUSTICE AUTHORITY

JUVENILE JUSTICE INFORMATION SYSTEM (JJIS) REWRITE II $622,460; $246,584
KANSAS CRIMINAL JUSTICE INFORMATION SYSTEM

KANSAS ECITATION PROJECT II $480,140; $30,000

LABOR, KANSAS DEPARTMENT OF

KDOL Unemployment Insurance Contact Center IVR Upgrade – Infrastructure $2,925,612; $420,000

KDOL Worker’s Compensation Digitization Planning Project $583,620; $0

KDOL Workers Compensation Digitization Implementation $8,000,000 - $12,000,000; To Be Determined

LOTTERY, KANSAS

Sales Force Automation and Electronic Device Deployment $588,152; $678,385

2012 Sub HB 2333 – Tier 3 Cash Balance System $803,800; $0

REVENUE, KANSAS DEPARTMENT OF

DMV Modernization $40,326,159; $1,999,832

KanDrive– Insufficient Reporting

Taxation Imaging $625,257; $146,085

Kansas Commercial Registration, Alcoholic Beverage Control, Fuel Tax System (K-CRAFTS) $3,346,040; $780,000

CDL Knowledge and Skill Testing System $429,094; $0

County Scanner and Signature Pad Refreshment – Infrastructure $406,740; $62,136

SECRETARY OF STATE, KANSAS

Elections and Voter Information System Renewal Renewal (ELVIS) $693,220; $1,950,000

TRANSPORTATION, KANSAS DEPARTMENT OF

DOCUMENT MANAGEMENT SYSTEM REPLACEMENT $1,300,385; $538,000

Capital Inventory Management System (CPIN) Replacement $300,000 - $600,000; To Be Determined

Construction Management System (CMS) Replacement – Planning Effort $553,418; To Be Determined

Consumable Inventory Management System (CIMS) $300,000 - $450,000; To Be Determined

Equipment Management System (EMS) $600,000 - $1,200,000; To Be Determined

FORT HAYS STATE UNIVERSITY

FHSU ERP Implementation $14,235,335; $3,564,420

KANSAS, UNIVERSITY OF

Exchange 2013 To Be Determined; To Be Determined

Lync Enterprise Voice Implementation (Lync UC) To Be Determined; To Be Determined

KANSAS STATE UNIVERSITY

KSU CONVERGED INFRASTRUCTURE $5,140,135; $78,750

PITTSBURG STATE UNIVERSITY

PSU Oracle Cloud Implementation $2,564,563; $664,957

PSU Integrated Library System Project (ILS) $512,072; $211,500

JUDICIAL BRANCH

Active Judicial Branch (OJA) Electronic Filing Statewide Implementation Project $315,867; $152,049
LEGISLATIVE BRANCH

2013 PC Lease Project-Infrastructure $469,740; $573,105

CONCLUSIONS AND RECOMMENDATIONS

No legislation was recommended for introduction. The members reached consensus on the following items to be included in the report:

In review of agency projects, the Committee noted the reoccurring prevalence of technology disparities as well as many small free-standing IT structures continually being created within individual agencies that could all significantly benefit from the formalized structure and environment of a centralized system. The Committee noted that a centralized system would have considerable strengths in system security and management, updates and maintenance, cost savings and control, expertise sharing and sustainability, and overall effectiveness of statewide information technology efforts.

The Committee recognizes efforts and successes in moving toward a more centralized and organized IT structure within the state. The Committee noted the State already has a significant presence in the cloud environment for such products as Microsoft Office 365, but could potentially harness even more economies of scale and more of the benefits which additional integration into a cloud-structured environment could potentially afford. This type of environment has the potential to significantly reduce capital expenditures, and the Committee recognizes that, while there could be some initial migration costs associated, the ongoing cost could potentially be minimized in the form of monthly recurring payment. The Committee heard reports regarding the OITS and noted a similarity to efforts that were started with the Division of Information Systems and Communications, which are now largely provided and continued by OITS. The Committee emphasizes the need for professionally managed oversight of information technology efforts and, in consideration of its importance, the Committee suggests consideration be given to utilization of the services a professional recruiting organization could provide in order to help manage personnel needs and, in collaboration, to structure and form such an oversight team.

The Committee recommends activities to centralize statewide IT policy, infrastructure, provision, and progression efforts. The Committee recommends the branch CITOs, in collaboration with agencies and others with IT expertise, work to define and, with the Legislature’s assistance, refine an action plan to provide and further efforts towards a centralized IT structure to be presented to the Legislature. Significant emphasis was placed by the Committee upon thorough consideration and utilization of an end-point structure analysis within each area involved. The Committee requests a preliminary plan including a timeline and initial recommendations be brought before the Committee for consideration towards the beginning of the 2016 Legislature to begin this conversation with continuing review and development. As part of this review, the Committee would like to evaluate the findings of the efficiency study, which may provide additional considerations in regards to centralization efforts, further noting the possibility of the Committee assisting with the introduction of legislation as the need arises. Areas of consideration discussed by the Committee included the following:

- **Policy**: The Committee recommends statewide Wi-Fi security and mobile device standards be created. This standard should include an architecture and security structure with policies created for mobile devices, encryption, and state email and cloud-based services.

- **Infrastructure**: The Committee recommends a project management function be prioritized to focus on infrastructure and asset centralization. This function should work to leverage current and future acquisition and maintenance of IT through the development and implementation of strategies in the areas of licenses, programs, equipment, systems, and services provisions.
Active Evaluation: The Committee recommends all projects include some form of basic metrics by which the project can be evaluated for successes; refinements, revisions, or both; or other forms of resolution.