Joint Committee on Information Technology
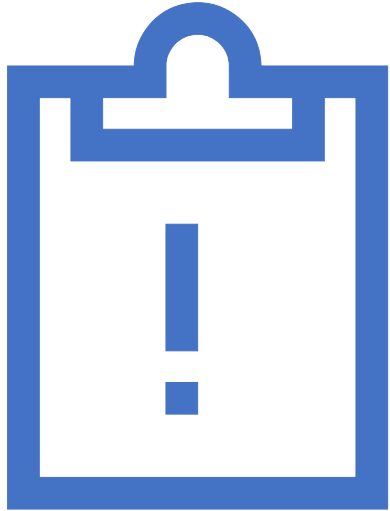
Executive Branch CITO
DeAngela Burns-Wallace

November 16th, 2022

Agenda

- Dr. DeAngela Burns-Wallace – Executive Branch CITO
  - OITS Staff Updates
  - 3-Year IT Plan

- Alex Wong – Chief Information Technology Architect
  - KITO Quarterly Report

- Jeff Maxon – Chief Information Security Officer
  - Overview of October Cyber Activities
  - Update on the Infrastructure Investment and Jobs Act (IIJA) Cyber Grant Application for the State

Kansas

OITS Staff Updates

Executive Branch Chief Information Technology Officer

DeAngela Burns-Wallace

Tom Pagano

Chief Information Officer

Department for Children and Families

Department for Aging and Disability Services

- 24+ Years of IT Experience

- Experience includes IT security, program and project management, and managing IT environments for healthcare systems, higher education, and government

Kansas

Jeffry Lewis

Chief Information Officer

Department of Labor

- 20+ Years of IT Experience

- Experience includes project management, software development, and database architecture

Kansas

Tom Mai

Interim Chief Information Officer

Kansas Highway Patrol

- 25+ Years of IT Experience

- 12+ Years Working with Law Enforcement

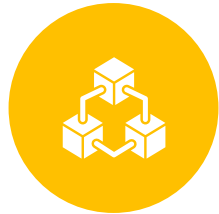- Experience includes network administration and project management

Kansas

3-Year IT Plan

Success Stories

Governor's Cybersecurity Task Force

Layer 2 Network Refresh

Kansas Medicaid Management System (KMMS) Modernization

StateScoop 50 Awards
GoldenGov State Executive of the Year
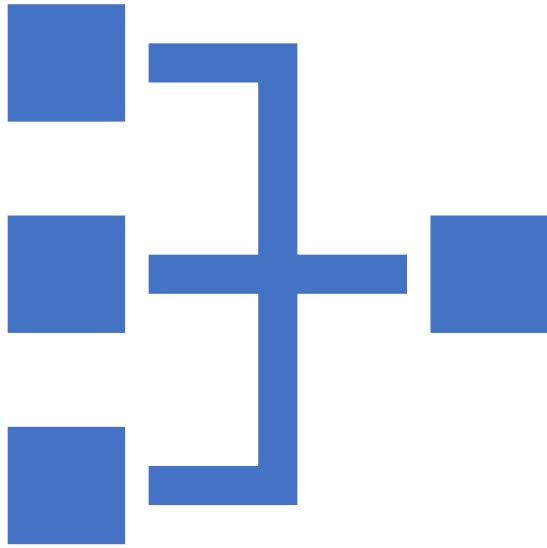**State IT Leadership of the Year**

Challenges

Cybersecurity

Staffing Resources

Kansas

3-Year IT Plan Format

One-Page Plan Diagram

- Piloted in 2021
- Used across all agencies in 2022

Kansas

Example Agency 3-Year IT Plan

Agency Service(s)	IT Strategic Action(s)	Objective(s)	Strategic Roadmap		
			2022	2023	2024
Services offered by the agency that support its mission and are impacted by IT Strategic Actions.	*IT activities, initiatives, investments, or changes pursued to achieve Objective(s).*	*Identified agency IT objective(s) that the IT Strategic Action aims to accomplish.*	*Visual timeline of an agency's planned strategic actions. Each bar represents one IT Strategic Action and is color-coded to match the agency service.*		

Infrastructure Services
- Layer 2 Network Refresh — Infrastructure Modernization — Layer 2 (2022)
- WiFi Expansion - Phase 1 — Infrastructure Modernization — WiFi (2023–2024)

Security Services
- Firewall Upgrade — Cybersecurity; Infrastructure Modernization — Firewall (2022–2023)

Infrastructure Services; Security Services
- Identity & Access Management (IAM) - Phase 1 — Application Modernization; Cybersecurity — IAM (2022–2023)
- Advanced Network Monitoring — Cybersecurity; Infrastructure Modernization — Network Monitoring (2022–2024)

Key Dependencies and Risks	Metrics/KPIs
These are areas that an IT Strategic Action depends on to be successful and/or could prevent it from being executed.	*Metrics/Key Performance Indicators (KPIs) are measurements used to gauge the progress and success of an IT Strategic Action.*
WiFi: Funding Firewall: Staff & Agency Engagement IAM: Implementation and operational funding Network Monitoring: Funding	Firewall: Number of security incidents reported; Decreased intrusion attempts Network Monitoring: Increased uptime; Decreased issue resolution time

Areas of Importance

Agencies selected from a predetermined set of objectives to identify areas of importance.

Top four areas of importance identified were:

01	02	03	04
Application and Infrastructure Modernization	Continuous Improvement of Customer Experience	Digitization of Process Improvement	Cybersecurity

Kansas

Questions

KITO Quarterly Report

Chief Information Technology Architect

Alex Wong

KITO Quarterly Report

July-September 2022
Report

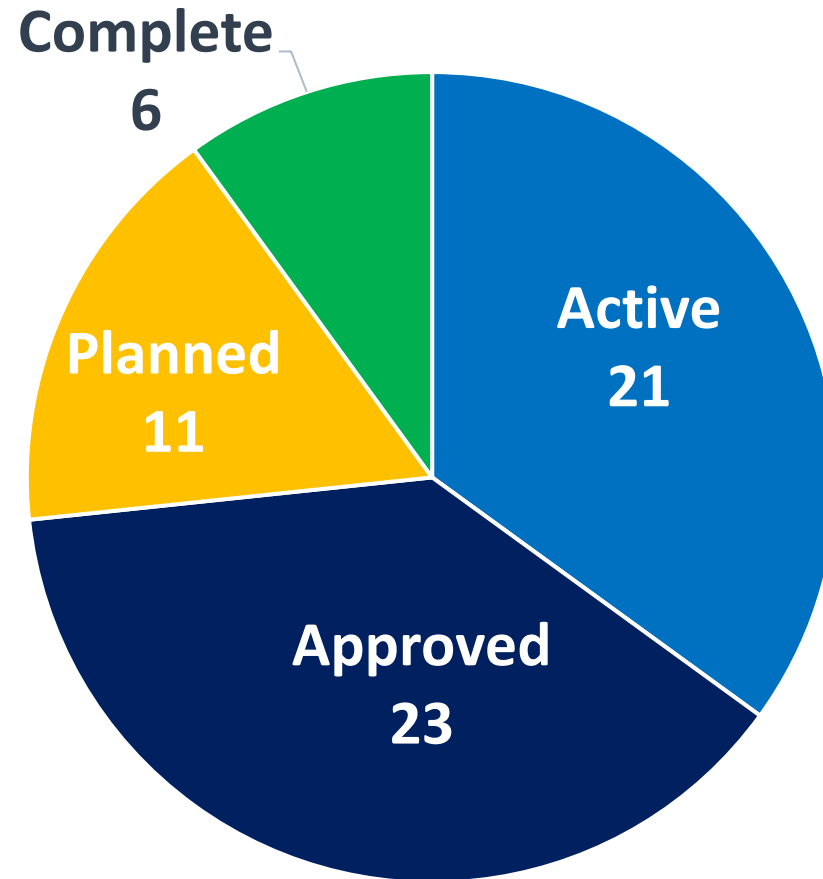Next Report Published
February 2023

KITO Project Dashboard - https://ebit.ks.gov/kito/project-dashboard
Quarterly Report - https://ebit.ks.gov/kito/it-project-oversight/it-project-reporting/it-project-reports

2022 July – Sept KITO Projects at-a-Glance

Active Projects by Branch

18
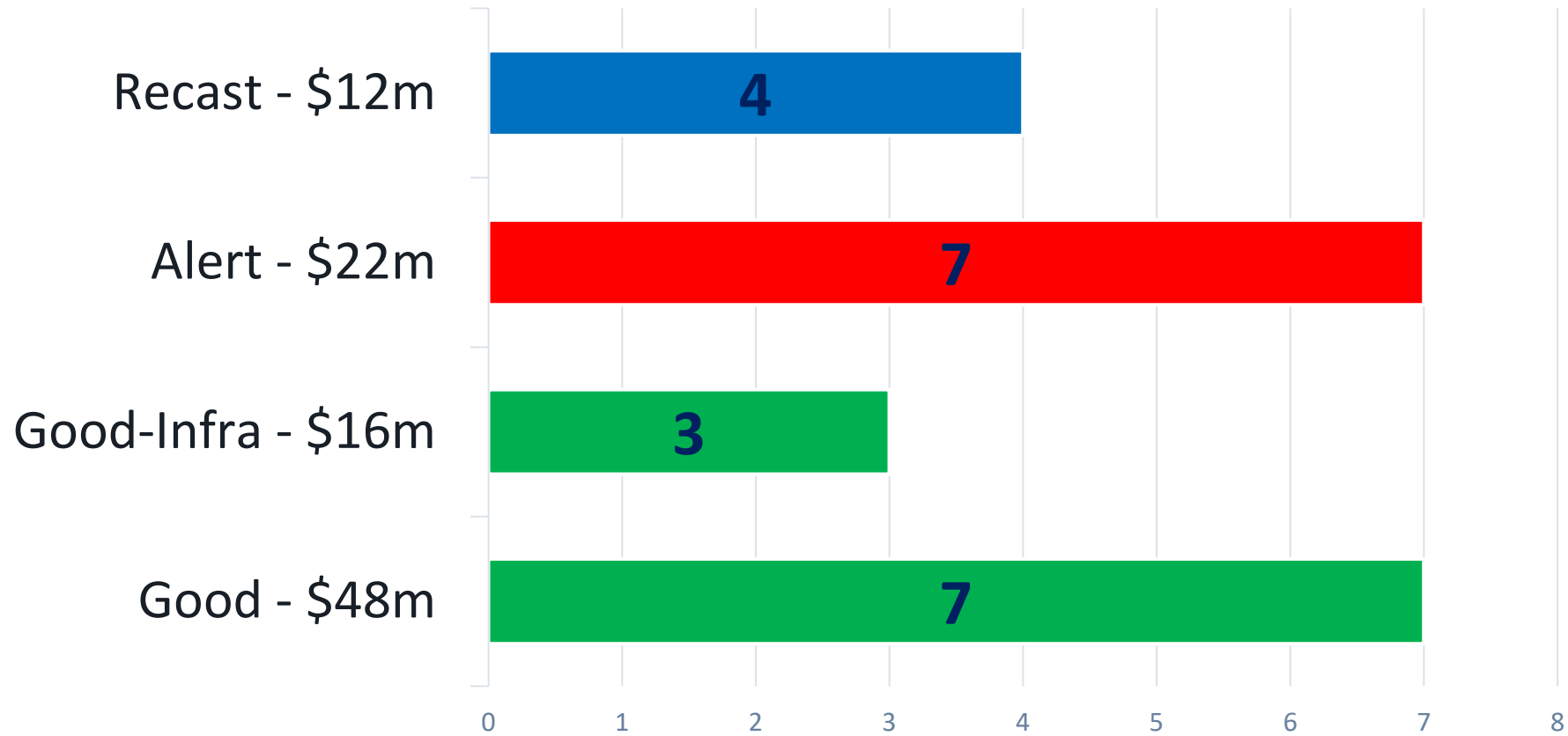Executive Branch Projects

3
Regent Institution Projects

0
Legislative Branch Projects

0
Judicial Branch Projects

Kansas

Newly Active Projects

KDHE BWM Data Management System

$1,376,051

KHP In-Car Camera 2022 Upgrade - Infrastructure

$3,373,211

OITS KanWIN/WAN Router Refresh - Infrastructure

$2,713,883

KDOL IT Modernization

$43,098,606

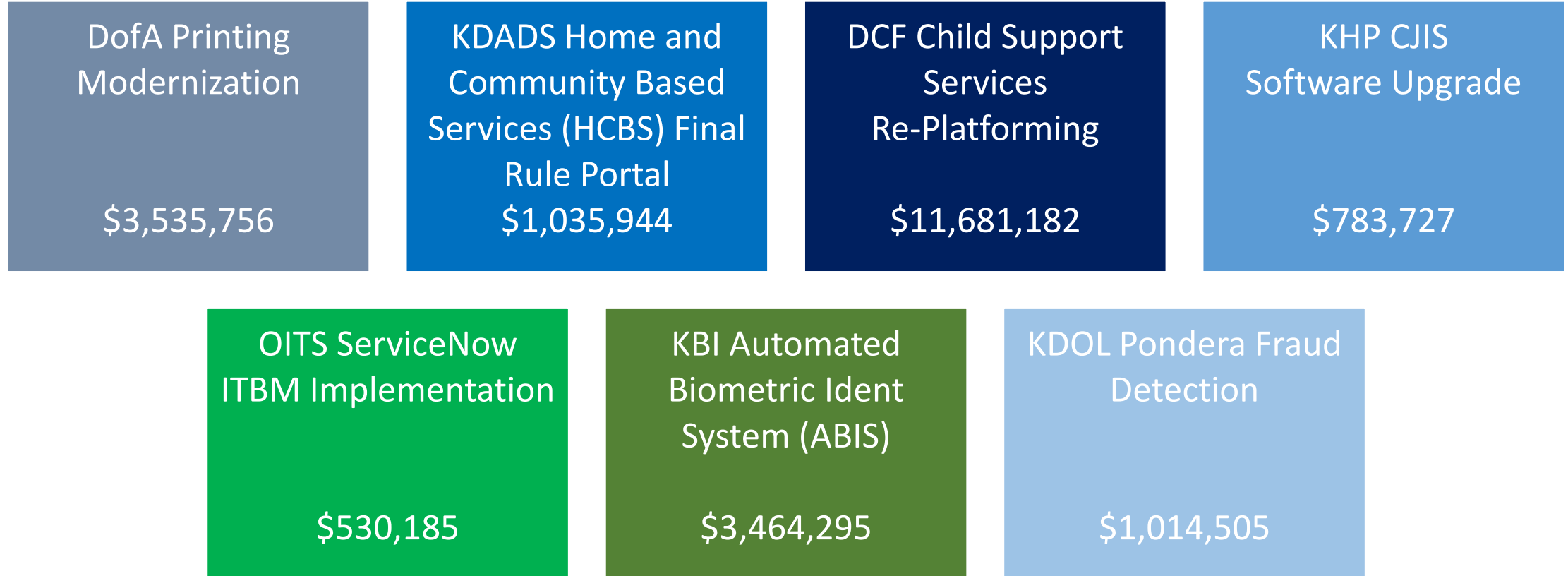**KSSC Electronic Journal Entry (eJE) Project**

$277,932

Newly Recast Projects

KSU IT Data Center Relocation III – Infrastructure - $2.4m

KBI Kansas Incident Based Reporting System (KIBRS) Rebuild III - $1.1m

Active Projects in Alert Status

DofA Printing Modernization $3,535,756	KDADS Home and Community Based Services (HCBS) Final Rule Portal $1,035,944	DCF Child Support Services Re-Platforming $11,681,182	KHP CJIS Software Upgrade $783,727
OITS ServiceNow ITBM Implementation $530,185	KBI Automated Biometric Ident System (ABIS) $3,464,295	KDOL Pondera Fraud Detection $1,014,505	

AD ASTRA PER ASPERA

Kansas

Newly Planned Projects

* DofA State Employee Health Benefits Plan Data Warehouse - $1,000,000

KDOC XData Replacement - $450,000

KU School of Pharmacy AV Upgrade - $2,000,000

* In-Depth Presentation to follow

KANSAS
AD ASTRA PER ASPERA

Newly Approved Projects

OITS IAM Enterprise Solution - $3,042,000

OITS Web Services Migration - $1,424,500

* KDOT KC Scout Optical Networking Services (ONS) Backbone Replacement - $961,793

KDOT US-169 Dense Wavelength-Division Multiplexing (DWDM) - $526,724

* In-Depth Presentation to follow

Kansas
AD ASTRA PER ASPERA

Questions

Kansas Information Security Office Updates

Chief Information Security Officer

Jeff Maxon

October Cyber Events

Oct. 6

4th Annual Governor's Cybersecurity Summit for Executives

More than 100 attendees

Oct. 13

Texas A&M Engineering Extension Service (TEEX)

Cybersecurity Risk Awareness for Officials & Senior Management

Oct. 25

Inaugural Kansas Cyber Summit

200 Attendees

Kansas

DHS Cybersecurity Grant Application

- Creation of statewide planning committee
- Planning committee approved using funds to build statewide plan
- Statewide plan is due to FEMA/DHS September 2023
- Cannot accept/approve individual projects until plan is complete

Kansas

2022 Cybersecurity Self-Assessment
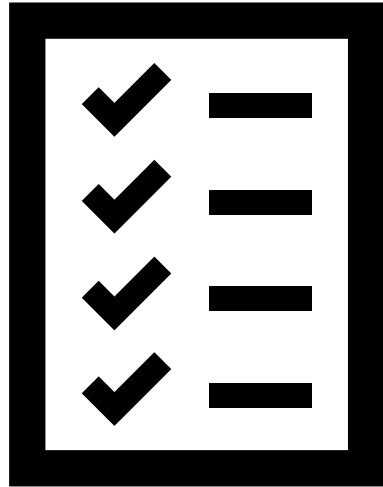
- Second Assessment

- Survey Format

- Reminder of 2020 Priority Areas
  - Data Management
  - Risk Management
  - Preparedness
  - Vendor Management

Steps Taken Since Last Self-Assessment

Creation of a Statewide Cyber Collaboration and Cyber Preparedness position section within the KISO

Creation of an IT procurement manager in the state procurement office

Development of a regular lunch and learn series

Implementation of ITEC 8000 Series Policies to focus on data governance

Several incident tabletop exercises

Questions