Cook County Sheriff's Office
Bureau of Information and Technology

IT 2024 Strategic Report

Item #24-0370

February 29, 2024

Strategic Goals

- **Expand Collaborative Data Exchange with Justice Partners**

- **Increase Automation**

- **Support Law Enforcement Cross-Agency Collaboration**

- **Expand Data Security**

- **Enhance Intra-Departmental Communication and Collaboration**

- **Continue and Augment Transparency and Accountability**

- **Develop AI Governance Structure**

Overview: Sheriff's Current Major Projects

- ## Current Projects
  - eMitts Exchange
  - Department of Corrections Data Exchange
  - Jail Management System [CCOMS] Migration
  - RMS Cloud Migration
  - Slack Cross-Agency Communications Integration
  - CCSO Intranet Redesign
  - Data Perimeter Hardening
  - Develop AI Implementation Roadmap

Department of Corrections Data Exchange

Strategic Goals: Automation, Collaboration

- **Phase 1 Implementation Complete**
  - Arrest Data Exchange Live: CCSO, CPD State's Attorney and OCJ
  - All Justice Partners Business Process Management [BPM] Tool for Daily Bond Court Operations
- **Phase 2 In Testing – Pending**
  - Electronic Mittimus Exchange – Testing with CCC
  - Department of Corrections Custodial Data Exchange – CCC testing

Jail Management System [CCOMS] Migration

Strategic Goals: Automation, Realize ROI on Microsoft Investment

- **Migration GoLive Pending**
  - Currently in User Acceptance Testing
  - GoLive Target Late April 2024
- **Realize Increased ROI**
  - Leverage Microsoft Investment to Future-Proof CCOMS Environment
  - Expand CCSO-Internal Skill Sets to Implement New Applications

RMS Cloud Migration

Strategic Goals: Automation, Increase Microsoft ROI, Cross-Agency Collaboration

- **Phase 1 State/Illinois State Police Interface Modernization**
  - GoLive Target Late March 2024
  - State-Led Project to Modernize all State-Level Interfaces

- **Phase 2 LEADS Migration**
  - Completion Target Late April 2024
  - Project to move Clearnet and LEADS integration from CPD to CCSO Cloud Environment

- **Phase 3 RMS Cloud Application GoLive**
  - GoLive Target Late July 2024
  - All CCSO and County Law Enforcement RMS Functionality Migrated to the CCSO Cloud and in Production

Slack Cross-Agency Communications Integration

Strategic Goals: Automation, Cross-Agency Collaboration

- **Slack Environment Live and In Production**
  - Supports Secure, CJIS-Compliant Cross-Agency Situational Awareness and Resource Coordination
  - Allows for Rapid Communication between Multiple Cook County and City of Chicago Law Enforcement Agencies on Emerging Issues

CCSO Intranet Redesign

- **Strategic Goals: Automation, Enhance Intra-Departmental Communication and Collaboration**

- **Development Complete, Deployment Pending**
  - Modernize SheriffNet platform and Functionality
  - Integrate Automated Document Work Flows
  - Enhance Agency-Wide Communications

Data Perimeter Hardening

- **Strategic Goals: Automation, Expand Data Security**

- **Multiple Projects In Progress**
  - Data Classification [Spirion] Deployed and in Production
  - Introduce Security and Information Event Management [SEIM] Tools
    - Enables automated data gathering about system and security status enterprise-wide
  - Enhance Security and Penetration Testing
  - Expand Required End-User Security Awareness Training Subjects
  - Continue Comprehensive Software Testing and Updating

Develop AI Implementation Roadmap

- **Strategic Goals: Automation, Develop AI Governance Structure, Enhance Intra-Departmental Communication and Collaboration, Continue and Augment Transparency and Accountability**

- **CCSO AI Policy and Governance Frameworks in Development**
  - Key Principle: Human in the Loop [HITL]
  - AI Policy in Review with Institutional and Industry Experts
- **CCSO Identifying Candidate Projects**
  - ChatBot for Employee Assistance
  - Internal Data Analysis for Rapid Answers to Complex Questions