STATE OF MARYLAND

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GARY W. McLHINNEY
ASSISTANT SECRETARY

January 10, 2020

The Honorable Larry Hogan
Governor
State House
Annapolis, Maryland 21401

The Honorable Bill Ferguson
President
Senate of Maryland
State House H-107
Annapolis, MD 21401

The Honorable Adrienne A. Jones
Speaker
Maryland House of Delegates
State House, H-101
Annapolis, MD 21401

Dear Governor Hogan, President Ferguson, and Speaker Jones:

Pursuant to Criminal Procedure Article § 10-210(6), the Criminal Advisory
Information Advisory Board is required to submit an Annual Report. The statute
specifically states:

> "The Criminal Justice Information Advisory Board shall:
> (6) Submit a report on interoperability on or before December 1 of each year
> to the Governor and, in accordance with § 2-1246 [now § 2-1257] of the
> State Government Article, the General Assembly."

Attached is the Board's submission in satisfaction of this requirement.

If I can be of further assistance, please do not hesitate to contact me.

Sincerely,

Kevin Combs
Chairman
Chief Information Officer

cc: Ms. Sarah Albert, Department of Legislative Services Library, MSAR 2744
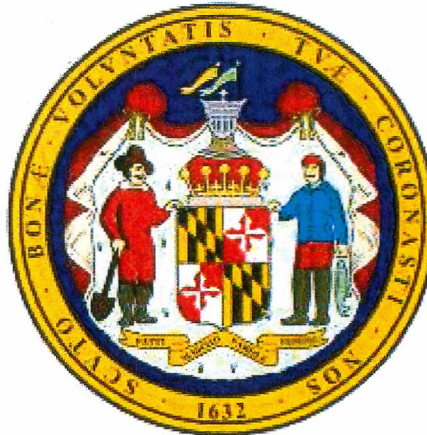
STATE OF MARYLAND
CRIMINAL JUSTICE INFORMATION ADVISORY
BOARD

POST OFFICE BOX 5743
PIKESVILLE, MARYLAND 21282

C. Kevin Combs, Chairman

LARRY HOGAN
GOVERNOR

BOYD K. RUTHERFORD
LT. GOVERNOR

2019
ANNUAL REPORT ON INTEROPERABILITY

Submitted by:

THE CRIMINAL JUSTICE INFORMATION
ADVISORY BOARD

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Executive Summary

The Maryland Criminal Justice Information Advisory Board (CJIAB) submits its *Annual Report on Criminal Justice Interoperability* pursuant to Criminal Procedure Article §10-210(6) and State Government Article, §2-1246, *Annotated Code of Maryland* respectively. This report describes the public safety impact and significant interoperability accomplishments of the Maryland Departments of Public Safety and Correctional Services, Motor Vehicle Administration and the Judiciary for the calendar year of 2019. The projects demonstrate either technological enhancements or data sharing efforts as they relate to criminal justice interoperability between State agencies and across state lines.

Criminal Justice Information System interoperability initiatives have improved public safety in Maryland by bringing together dissimilar information systems, data, and processes. This increase in coordination and communication has resulted in more effective and efficient identification, management and tracking of criminal justice information.

The CJIAB will continue to take a leadership role to support solutions that effectively highlight projects that demonstrate either technological enhancements or data sharing efforts as they relate to criminal justice interoperability between State agencies and across state lines.

Background

The Criminal Justice Information Advisory Board (CJIAB) was created by statute in 1976. The CJIAB's primary duty is to advise the Secretary of Public Safety and Correctional Services and the Chief Judge of the Maryland Court of Appeals on the development, operation, and maintenance of the State's criminal justice information systems.

The CJIAB includes representatives from a broad section of the criminal justice community including public safety, the courts, law enforcement, and homeland security. The CJIAB also includes members from the county and municipal governments, and the public.

As a statutory entity, the CJIAB has the responsibility for criminal justice integration and interoperability. The Board works to establish policies, relationships and infrastructure to enable sharing of local criminal justice information across the entire criminal justice system. The CJIAB also provides advice concerning standards, procedures, and protocols that ensure the compatibility and interoperability of communications and information management systems maintained by the judiciary and public safety entities in the State.

The sections that follow describe the public safety impact and significant interoperability accomplishments of the Departments of Public Safety and Correctional Services, State Police, Judiciary and Motor Vehicle Administration.

DEPARTMENT OF PUBLIC SAFETY AND CORRECTIONAL SERVICES (DPSCS)

TECHNOLOGICAL ENHANCEMENTS

Arrest Disposition Reporting (ADR) Mainframe Replacement

The Department of Public Safety and Correctional Services plans to replace its Arrest Disposition Reporting system with a state of the art relational database and web interface. The ADR Mainframe System provides Criminal History Record Information (CHRI) services to authorized criminal justice agencies throughout the State of Maryland. ADR is the designated electronic repository for CHRI for the State.

"Arrest data from law enforcement agencies (in the form of fingerprint cards) and electronic data transfers from Arrest Booking System (ABS) or Network Live Scan (NLS) devices are added to the arrest database by Customer Information Control Center (CICS) online transactions. This collection of data is needed to perform the primary functions of ADR so as to provide CHRI to criminal justice agencies and some authorized non-criminal justice agencies. This service is provided to users in real-time through the online transactions. This is a planned 5-year project. Phase I of this project is to collect and write requirements and business documentation in order to proceed to the next phases."[1]

The Significant Accomplishments and Public Safety Impact of the ADR Replacement Project:

- The Ident/Index and Arrest Disposition Reporting Mainframe Systems replacement project will enhance the ability to capture, connect, and make available full criminal cycles that are needed within the 48 hour window of a Brady Handgun Violence Prevention purchase guidelines.

- This project is slated to be completed by Spring 2021.

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[1] Per the Memorandum of Understanding between Towson University and the Department of Public Safety and Correctional Services, Information Technology and Communications Division, Attachment 1, page 6.

JUDICIARY

TECHNOLOGICAL ENHANCEMENTS

Maryland Judiciary Case Search and Justice Related Web Interface Applications

The Maryland Judiciary Case Search website provides public Internet access to information from case records maintained by the Maryland Judiciary. Users can search for Circuit and District Court cases and view party and event information about those cases.

The Significant Accomplishments and Public Safety Impact of Case Search and Web Portal Applications:

- Case Search currently averages 1.5 - 2 million hits per day. Infrastructure improvements were implemented to provide faster, consistent response time.

- State's Attorneys' offices and other justice partners continue to use a Court Record web retrieval service for District and Circuit Court Criminal and District Court Traffic cases for MDEC counties.

- Court Docket retrieval web service for law enforcement. The application includes officers' case information for pending hearings. Case data is provided by agency location and officer.

- Text messaging service for hearing notifications. From December 2018, the start of the pilot, through November 1, 2019, there were 38,488 registrations and 42,602 hearing notifications sent as text messages.

Future enhancements to the Maryland Judiciary Case Search and Web Interface Applications:

- The Case Search infrastructure is moving towards a new service-based architecture that will allow for portability across various platforms and the cloud. The new architecture provides improved maintenance and recovery for the Case Search system.

- Court Record web service will expand to include civil cases in addition to criminal and traffic cases.

- The Judiciary plans to add appellate case records from the Court of Appeals and Court of Special Appeals to the Case Search system.

The Maryland Electronic Court System (MDEC)

The goal of this project is to replace the disparate legacy case management systems with an integrated statewide Case Management System. MDEC is a paper- on- demand system with an e-filing component. Significant business process redesign has been completed because of the transition to electronic records. The MDEC system will serve all courts and facilitate more efficient operations and more timely data exchange with criminal justice partners. As of November 2019, 20 of the State's 24 jurisdictions have been converted to the MDEC system.

The Significant Accomplishments and Public Safety Impact of MDEC:

The technical architecture for the integrated environment has been established and all legacy and MDEC related data is being replicated. This major accomplishment is the foundation upon which the Judiciary Case Search portal has delivered case data to law enforcement personnel.

In 2019, the Judiciary implemented a new version of the MDEC case management system, i.e., Odyssey Navigator. All users were trained in the new functionality and all interfaces have transitioned to the new version.

The Judiciary released an open model option for e-filing, introducing e-filing service providers (EFSP) in addition to the Judiciary-provided portal, to interface with MDEC's e-filing service.

Future development of the Maryland Judiciary Case Management System will include:

- Continued development for data exchange with justice partners using REST (Representational State Transfer) protocols.

- Complete development with/through Tyler Technologies to allow for e-filing in juvenile matters and case initiation for criminal cases.

JUDICIARY AND PUBLIC SAFETY AND CORRECTIONAL SERVICES

TECHNOLOGICAL ENHANCEMENTS

Maryland Judiciary Case Search and Justice Related Web Interface Applications

During 2019, the Judiciary and the Department of Public Safety and Correctional Services (DPSCS) expanded their ongoing and statutorily required criminal justice exchange in order to improve upon criminal record accuracy, completeness and timeliness.

Significant accomplishments:

- Mechanized the expungement process. The Judiciary and the Department of Public Safety and Correctional Services automated the process for reporting court orders for expungements to the Expungement Unit of the Criminal Justice Information System – Central Repository to assist in processing the orders within the legislatively-mandated time frame.

- Redesigned the reporting of criminal convictions to the Criminal Repository to ensure criminal record accuracy, completeness and timeliness.

JUDICIARY AND MOTOR VEHICLE ADMINISTRATION

TECHNOLOGICAL ENHANCEMENTS

Maryland Judiciary Case Search and Justice Related Web Interface Applications

During 2019, the Judiciary and the Motor Vehicle Administration expanded their ongoing data exchange in order to improve upon data accuracy, completeness and timeliness.

- Redesigned the interface used to monitor traffic dispositions sent to the Department of Transportation, Motor Vehicle Administration. The enhancement provides additional navigation filters and reporting details for Judiciary and MVA personnel.

Future enhancements to the Maryland Judiciary Case Search and Web Interface Applications:

- A mechanized solution is underway to replace the manual reporting of juvenile delinquency cases from the courts to MVA.

MARYLAND DEPARTMENT OF STATE POLICE

TECHNOLOGICAL ENHANCEMENTS

METERS

The ability to add an Image was added to the Administrative Message in METERS. This functionality allows Law Enforcement Agencies to add a photo of a wanted or missing person to the broadcast message that is sent either Statewide or Nationwide.

The Criminal Justice Information System Systems Officer (CSO) changed a wanted query through the National Crime Information Center (NCIC) to return all NCIC person files without limitations. This functionality allows criminal justice agencies the ability to see all NCIC entries on persons regardless of any extradition limitations.

The Maryland Motor Vehicle Administration (MVA) now allows a customer to select, M, F or X for a gender when they apply for a driver's license, ID card or corrected license or ID card. METERS was programed to accept a SEX of U and transcribe it to X for an MVA query.

DEPARTMENT OF PUBLIC SAFETY AND CORRECTIONAL SERVICES AND MARYLAND DEPARTMENT OF STATE POLICE

TECHNOLOGICAL ENHANCEMENTS

The Maryland Department of Public Safety and Correctional Services (DPSCS) and the Maryland Department of State Police (MSP) worked to implement the Extreme Risk Protective Order (red flag) entries into METERS and NCIC as soon as they are issued from the court.

2020 Goals

The CJIAB will continue to identify priorities and work to establish partnerships and resources that may be utilized as it moves toward its goals and objectives in 2020, which are highlighted below:

- Support the State's efforts in the expansion of the sharing of criminal justice information.

- Implementing the project to update and replace the Arrest Disposition Reporting Mainframe system as well as other outdated criminal history systems.

- Establishment of Maryland Electronic Court System (MDEC) throughout the State.

Conclusion

Building on the accomplishments of 2019, the Board will continue to focus on its legislatively mandated responsibilities, especially regarding the operation and maintenance of the Criminal Justice Information System to enhance interoperability and improve public safety in Maryland.