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**2018**  
**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 2018. 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.”<sup>1</sup>

#### *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 Fall 2019.

### DATA SHARING

#### *I. Criminal Justice Dashboard*

In 2009, the Governor’s Office of Crime Prevention and Control (GOCCP), through DPSCS’ Information Technology and Communications Division (ITCD), developed the Criminal Justice Dashboard (“Dashboard”; previously referred to as the Local Law Enforcement or Law Enforcement Dashboard). The Dashboard is a web-based application that allows authorized public safety personnel to access relevant, available State information on an individual in one place at one time. Criminal justice personnel and agencies view information on a subject’s criminal background history, without the need to access individual system databases containing that history.

Electronic records are displayed on the Dashboard from a contributing agency’s records systems based upon the technical capabilities of the agency. ITCD provides the support and guidance as

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<sup>1</sup> 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.

necessary to extract the information that will minimize the impact to each participating agency without compromising security or production concerns. The information displayed is read-only, and cannot be altered, deleted, or changed.

- During 2018, the following enhancements were added to the Dashboard:

➤ **Cecil County Detention Center**

Cecil County Detention Center data was added as a part of the Corrections Summary report and allows the user to search a state identification number (SID) against available correctional sources at once. When data is returned from any of the correctional sources through this search, their demographic summary is displayed and if the user wants more detail they can view the detail of the results.

*II. Criminal Justice Data Sharing*

DPSCS currently shares arrest data with the District of Columbia, New York, Delaware, Pennsylvania West Virginia, and Virginia. Each jurisdiction has entered into Memoranda of Understanding that provides for the exchange of arrest and parole and probation data for the purposes of automating the identification of offenders under their supervision. Each agency receives a daily file for matching purposes.

During 2015, DPSCS signed the Mid Atlantic Regional Justice Sharing (MARIS) Federation Participation and Portal Access Agreement. This Agreement established “a governing body among the Parties which will provide for a viable mechanism to oversee the electronic data sharing of criminal justice information between the Federation Members consistent with the terms of this Agreement, and establish a mechanism to amicably resolve disputes among Federation Members, and promote the enhancement and expansion of the Federation.”<sup>2</sup>

During 2018, DPSCS further cemented its participation within MARIS by leveraging its technical resources and developing the “hub” where the participating states will send agreed upon data to then be retrieved by one another.

*The Significant Accomplishments and Public Safety Impact of Criminal Justice Data Sharing:*

- Public safety enhancement and improved cooperation amongst agencies as it relates to the sharing of criminal justice data and information amongst the Federation members.

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<sup>2</sup> Per the Mid Atlantic Regional Justice Sharing Federation Participation and Portal Access Agreement, page 2.

## JUDICIARY

### TECHNOLOGICAL ENHANCEMENTS

#### *I. 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.
- Expanded the retrieval web service "GETCase" for the State's Attorneys' Offices and other justice partners to include case information for District and Circuit Court Criminal and District Court Traffic that includes Maryland Electronic Court System (MDEC) information for the ongoing rollout.
- 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. The pilot will begin in December 2018 and is being provided to defendants through the Public Defender Eligibility Program.

#### *Future enhancements to the Maryland Judiciary Case Search being considered include:*

- Continued reconfiguration of existing legacy interfaces as message-based web services utilizing the JIS enterprise service bus (ESB) as MDEC is implemented in additional jurisdictions.

#### *II. 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 2018, 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 case related data is being replicated to a data warehouse environment on a real-time basis. This major accomplishment is the foundation upon which the Judiciary Case Search portal has delivered case data to law enforcement personnel.

A new front end for State's Attorneys' Offices to add victim/witness information to MDEC is deployed as the MDEC system is implemented in each jurisdiction.

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

Continued development for data exchange with criminal justice partners using accepted NIEM ECF 4.0 standards.

Baltimore County, Prince George's County, Montgomery County, and Baltimore City are scheduled to be converted to MDEC.

In 2019, the Judiciary will implement a new version of the MDEC case management system, i.e., Odyssey Navigator. All applications and interfaces will require thorough testing to insure continuity in the transfer of data to justice partners.

## **JUDICIARY AND PUBLIC SAFETY AND CORRECTIONAL SERVICES**

### **TECHNOLOGICAL ENHANCEMENTS**

#### *Maryland Judiciary Case Search and Justice Related Web Interface Applications*

During 2018, 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 will export court orders for expungements so that they are received by the Expungement Unit of the Criminal Justice Information System – Central Repository in order for them to be processed within the legislatively mandated time frame.
- Effective October 1, 2018, the Judiciary began processing Extreme Risk Protection Orders (ERPO). The ERPO are available to law enforcement, State's Attorneys, the Attorney General's Office, and the Division of Parole and Probation. A data exchange interface with DPSCS facilitates the electronic exchange of domestic violence related data to update the DPSCS law enforcement databases and the National Crime Information Center (NCIC) database. DPSCS also forwards data to generate the VINE Protective Order (VPO) which is the protective order component of Maryland's Victim Information and Notification Everyday (VINE) information service.
- Redesigned the reporting of criminal convictions to the Criminal Repository to ensure criminal record accuracy, completeness and timeliness.

## MOTOR VEHICLE ADMINISTRATION (MVA)

### DATA SHARING

#### *I. MVA – Outstanding Arrest Warrant Program*

In accordance with Transportation Article, § 16-204, Annotated Code of Maryland, law enforcement agencies are able to notify the MDOT MVA to flag an individual's driver's license and vehicle registration if the individual has an outstanding arrest warrant. After notice to the individual named in the outstanding arrest warrant, and opportunity for the individual to contest the identification of the individual as the subject of the arrest warrant, the MDOT MVA will suspend the driver's license of the individual and refuse to renew or transfer the individual's vehicle registration(s). The individual is directed to the law enforcement agency that notified the MDOT MVA of the outstanding warrant to resolve any question of whether the warrant has been satisfied. If the individual goes to an MDOT MVA branch office while the arrest warrant remains outstanding, the appropriate law enforcement agency will be notified by Maryland State Police or the Maryland Transportation Authority Police who are stationed at the MDOT MVA branch office and the individual will be detained. Once the warrant has been satisfied and the MDOT MVA is notified, the flags are lifted, and the individual is unsuspended and able to renew their vehicle registration(s) and driver's license.

Since the program's inception, the MDOT MVA has issued 259,283 suspension notices and imposed 150,067 suspensions. Of those, 138,936 warrants have been satisfied.

#### *The Significant Accomplishments and Public Safety Impact of MDOT MVA – Outstanding Arrest Warrant Program:*

- Warrant satisfaction rates have steadily increased over the duration of the program, and currently stand at approximately 93% of suspensions imposed.



## **MOTOR VEHICLE ADMINISTRATION (MVA) AND JUDICIARY**

### TECHNOLOGICAL ENHANCEMENTS

#### *Maryland Judiciary Case Search and Justice Related Web Interface Applications*

During 2018, the Judiciary and the Motor Vehicle Administration expanded their ongoing data exchange in order to improve upon data accuracy, completeness and timeliness.

- Redesigned the reporting of traffic dispositions to the Department of Transportation Motor Vehicle Administration (MVA).
- In conformance with Transportation Article §16–111 regarding provisional licenses, the Judiciary developed a process for reporting juvenile traffic citations to MVA.

## **MARYLAND DEPARTMENT OF STATE POLICE**

### TECHNOLOGICAL ENHANCEMENTS

#### *METERS*

The State of Maryland converted their METERS/NCIC access to METERS 5 (a program version change). The highest version of Java that METERS 4 worked with is JAVA 6.18. Older versions of Java have security issues and vulnerabilities that could cause unauthorized access to systems. These versions are also no longer supported by the vendor. Using METERS 5 allowed for the latest JAVA versions and will provide enhanced security.

All Criminal Justice Agencies within the State that have access to METERS were required to convert to METERS 5. This was not a difficult process; however, it had to be done on individual devices. Therefore the Maryland State Police CJIS Systems Officer (CSO) issued a mandatory conversion to METERS 5 by the end of 2018 (December 31, 2018).

## **2019 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 2019, which are highlighted below:

- Support the State's efforts in the expansion of the sharing of criminal justice information.
- Seek grant funding to support to expand the system development, functionality and data sharing within MARIS.
- 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 2018, 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.