MID-ATLANTIC REGIONAL INFORMATION SHARING (MARIS)

Regional/Interstate Information Sharing
MARIS Training and Technical Assistance Partnership

NCJA
National Criminal Justice Association

SEARCH
The online resource for justice and public safety decision makers

BJA
Bureau of Justice Assistance
The Vision...

“To enhance interstate information sharing to improve public safety”
The Mission....

Mid-Atlantic Regional Information Sharing (MARIS) will make interstate justice information sharing a secure, effective, efficient, simple and practical process for each member. MARIS will accomplish interstate JIS that:

• Builds upon, leverages and enhances the existing criminal justice information systems currently deployed by each member.

• Enables the effective information flow among members, both for their immediate benefit and ultimately to provide a national model.

• Adopts and uses proven national standards to guide and enhance information sharing across systems (e.g. NIEM, JRA, GFIPM) wherever and whenever practicable.
History

- **Early 2012** – Delaware and Maryland’s Governors meet to discuss joining the existing arrest sharing initiative between Washington DC and Maryland. Maryland’s Governor then approached Pennsylvania’s regarding also joining to share arrest information for better coordination of tracking parolees.

- **June 2012** – Mid-Atlantic Information Sharing Forum – Baltimore, MD
  - Showcase successes and opportunities

- **September 2012** – Philadelphia, PA
  - MARIS Leadership Team was established and priorities set

- **November 2012** – MARIS Technology and Governance Workshop – Ashburn VA
  - Technology requirements determined

- **February 2013** – MARIS Implementation Workshop – Ashburn VA
  - Identity Federation strategy established

- **June 2013** – MARIS Technology and Governance Workshop – Baltimore MD
  - Draft participation agreement and by-laws presented
  - Technology strategy agreed upon
History (cont.)

- **October 2013** – Awarded BJA PMI ISE $400k grant
- **November 2014** – MARIS Governance Board established
- **December 2014** – MARIS participation agreement finalized
- **2015** – Service specifications and technical architecture completed
- **2016** – Construction of MARIS Hub
- **2017** – Construction of MARIS Data Exchange services
- **2018** – Portal Integration:
  - Privacy Policy Developed
  - Jurisdictions connected to MARIS Hub
  - Search results provided to Federation partners
- **2018** – MARIS Phase 1 Launched
- **2019** – Partners begin processing inquiries through MARIS hub
Each jurisdiction has their own Integrated Justice Information System (IJIS)

- Maryland: MD Dashboard
- Pennsylvania: JNET
- District of Columbia: JUSTIS
- Delaware: DELJIS
MARIS AIMS TO “CONNECT” THE IJIS SYSTEMS

Maryland
MD Dashboard

Delaware
DELJIS

District of Columbia
JUSTIS

Pennsylvania
JNET

Maryland
MD Dashboard

Delaware
DELJIS

District of Columbia
JUSTIS

Pennsylvania
JNET

Maryland
MD Dashboard

Delaware
DELJIS

District of Columbia
JUSTIS

Pennsylvania
JNET
A person-based query is the target for this phase with the initial primary search criteria being last name, first name and DOB. Additional search criteria may be included as part of this phase.
Why MARIS?

- Jurisdictions along the *I-95 corridor* engaged

- *Mobility* between jurisdictions an important factor for regional exchange

- Information exchange shall be closer to real-time

- Information exchange shall be automated
Why MARIS?...(continued)

- Each IJIS system can customize what and how information is displayed from other IJIS systems.

- Users would continue to log into their native IJIS system, users will not require additional login. It will be a single sign-on providing access to other systems.

- Phased approach.
The Approach ...

1) Establish Governance Framework – Participation Agreement, Governing Board

2) Address privacy concerns, define terms of usage – By-laws

3) Secure data, manage users, and ensure controlled access

4) Develop architecture for IJIS to IJIS exchanges- hardware, software, networks

5) Exchange different “dictionaries” and “vocabularies” used to define data
Governance

• Federation Participation Agreement
• By-Laws
• Data Sharing Agreement
• Governance Duties
  – Approve additional states as members of the federation
  – Any modification to the Participation Agreement.
  – Any changes to the Governance By-Laws
  – Any Federation Business, and Technical Policies and Procedures
  – Creation and oversight of special or standing committees

MARIS Governing Board
(Consists of 1 Member from Each State)
Partners

• Maryland Governor’s Office
• Pennsylvania Governor’s Office
• Delaware Governor’s Office
• District of Columbia Criminal Justice Coordinating Council
• Department of Justice – Bureau of Justice Assistance
  – National Criminal Justice Association (NCJA)
  – (SEARCH)
Strategy

• Complete current phase approach
  – Enable Parole and Probation Use Case
    • Arrest Sharing
    • Warrant Sharing
  – Show local and interstate public safety value
    • Complete System to System Federated Person Search

• Expand the MARIS capabilities to additional partners and services
Strategy

- Phased in approach
  - Phase I
    - Direct feed arrest sharing
    - DC, DE, PA have bi-directional feeds with MD
  - Phase II
    - Complete System to System Federated Person Search
    - Search and Alert
    - Consolidated Limited Data
  - Phase IIB
    - Expanded Information Sharing
  - Phase III
    - Direct feed warrant sharing
MARIS – Arrest Sharing (PA)

Over **27,000** Successful Hit confirmations since January 2017

Approximately **30** of Pennsylvania's Parolee or Probationers are arrested every day in partner jurisdictions.
MARIS – Arrest Sharing (DC)

Confirmed Hits

- MD: 96%
- PA: 3%
- DE: 1%

3,818 successful hits since June 2017
MD = 3,677
PA = 110
DE = 31
MARIS – Arrest Sharing (DE)

Approximately 650 notifications from Maryland regarding Delaware probationers since January 2018

Approximately 35 of Delaware Parolee or Probationers are arrested every month in partner jurisdictions.
### DC – JUSTIS Search Screen

**Enter Search:** *Required Field**

<table>
<thead>
<tr>
<th>Field</th>
<th>Input Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Last Name</td>
<td></td>
</tr>
<tr>
<td>First Name</td>
<td></td>
</tr>
<tr>
<td>Date Of Birth (mm/dd/yyyy)</td>
<td></td>
</tr>
</tbody>
</table>

**Select Record Type and State:**

<table>
<thead>
<tr>
<th>Record Type</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Arrest</td>
</tr>
<tr>
<td></td>
<td>Warrant</td>
</tr>
<tr>
<td></td>
<td>Parole &amp; Probation</td>
</tr>
<tr>
<td></td>
<td>Court</td>
</tr>
<tr>
<td>State</td>
<td>Options</td>
</tr>
<tr>
<td></td>
<td>Pennsylvania</td>
</tr>
<tr>
<td></td>
<td>Delaware</td>
</tr>
<tr>
<td></td>
<td>Maryland</td>
</tr>
</tbody>
</table>

**Buttons:**

- Search
- Clear

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Justice Information System for the District of Columbia

Email JUSTIS Help Desk or Call JUSTIS Help Desk: (202) 442-4967.

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DC – JUSTIS Search Results
### MARIS Federated Person Search Screen

**Mid Atlantic Regional Information Sharing (MARIS)**

| First Name | **** |
| Last Name  | **** |
| Date Of Birth | 03/26/19* |

**State**
- State of Delaware
- District of Columbia
- State of Maryland
- Commonwealth of Pennsylvania

**Search Scope**
- Arrest
- Warrant
- Probation-Parole
- Court

**NCIC Certification Indicator**
- True
- False

**Search Results:**

<table>
<thead>
<tr>
<th>Person Full Name / Error Info</th>
<th>Dob</th>
<th>Gender</th>
<th>Race</th>
<th>SBI Number</th>
<th>Record Type</th>
<th>State</th>
<th>Contact No</th>
<th>Contact Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Result Data Found</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No Result Data Found</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No Result Data Found</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Selection Error</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>****</td>
<td>03/26/19*</td>
<td></td>
<td></td>
<td></td>
<td>Probation-Parole</td>
<td>MD</td>
<td>410-339-5000</td>
<td>DPSCS</td>
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</table>
Maryland Search Screen
Maryland – Search Results

<table>
<thead>
<tr>
<th>Jurisdiction</th>
<th>First Name</th>
<th>Last Name</th>
<th>SSN</th>
<th>DOB</th>
<th>Gender</th>
<th>Nationality</th>
<th>Contact</th>
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</thead>
<tbody>
<tr>
<td>DC</td>
<td>John</td>
<td>Smith</td>
<td>234-32-2342</td>
<td>1960-08-25</td>
<td>Male</td>
<td>US</td>
<td>Jo Malloy</td>
</tr>
<tr>
<td>DC</td>
<td>John</td>
<td>Smith</td>
<td>432-23-4323</td>
<td>1940-01-15</td>
<td>Male</td>
<td>US</td>
<td>Ann Miller</td>
</tr>
<tr>
<td>MD</td>
<td>John</td>
<td>Smith</td>
<td>123-45-6798</td>
<td>1940-01-15</td>
<td>Male</td>
<td>US</td>
<td>Ted Cruz</td>
</tr>
<tr>
<td>MD</td>
<td>John</td>
<td>Smith</td>
<td>322-22-7656</td>
<td>1980-02-25</td>
<td>Male</td>
<td>US</td>
<td>Lynn Cox</td>
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<tr>
<td>MD</td>
<td>John</td>
<td>Smith</td>
<td>432-32-2215</td>
<td>1965-11-21</td>
<td>Male</td>
<td>US</td>
<td>Ted Cruz</td>
</tr>
</tbody>
</table>
Pennsylvania – Search Screen
## Pennsylvania – Summary Results

### JNET Federated Search

<table>
<thead>
<tr>
<th>ARREST</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PSP-PARap Sheet(RS)</td>
<td></td>
</tr>
<tr>
<td>PSP-CCH Summary Request(QH)</td>
<td></td>
</tr>
<tr>
<td>PSP-Query Gang Member(QGM)</td>
<td></td>
</tr>
<tr>
<td>PSP-PA SORT Registration(SOQ)</td>
<td></td>
</tr>
<tr>
<td>WebCPIN Photos</td>
<td></td>
</tr>
</tbody>
</table>

### CORRECTIONS

- County Prison
- State DOC

### COURT

- AOPC Docket Sheets
- PCS Final Guidelines
- PSP – Protection Order (QPC)

### PROBATION & PAROLE

- County Probation
- PBPP

### WARRANT

- Out of State

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**Out of State Arrest**

<table>
<thead>
<tr>
<th>NAME</th>
<th>DOB</th>
<th>SSN</th>
<th>STATE</th>
<th>AGENCY NAME</th>
</tr>
</thead>
</table>

Last Name: Doe, First Name: John, DOB: 06/21/1973, SID: 987-65-43-2
Pennsylvania – Select Details

### JNET FEDERATED SEARCH

#### ARREST
- PSP-PA Rap Sheet (RS)
- PSP-CCH Summary Request (QHM)
- PSP-Query Gang Member (QGM)
- PSP-PA SORT Registration (SOQ)
- WebPIN Photos

#### CORRECTIONS
- County Prison
- State DOC

#### COURT
- AOPC Docket Sheets
- PCS Final Guidelines
- PSP – Protection Order (QPO)

#### PROBATION & PAROLE
- County Probation
- PBPP

#### WARRANT
- Out of State

### Out of State Arrest

<table>
<thead>
<tr>
<th>State:</th>
<th>DE</th>
</tr>
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<tbody>
<tr>
<td>Name:</td>
<td>Robert A White</td>
</tr>
<tr>
<td>DOB:</td>
<td>01/13/1940</td>
</tr>
<tr>
<td>SID:</td>
<td>12342312</td>
</tr>
<tr>
<td>FBI #:</td>
<td>547477373</td>
</tr>
<tr>
<td>State Parole #:</td>
<td>C2638</td>
</tr>
<tr>
<td>Local Parole #:</td>
<td>1498032498</td>
</tr>
<tr>
<td>State Inmate #:</td>
<td>24585</td>
</tr>
<tr>
<td>Local Inmate #:</td>
<td>124554456</td>
</tr>
<tr>
<td>OLN:</td>
<td>23-37033242</td>
</tr>
<tr>
<td>OLN State:</td>
<td>MD</td>
</tr>
<tr>
<td>OLN Expires:</td>
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</tr>
<tr>
<td>Gender:</td>
<td>M</td>
</tr>
<tr>
<td>Ethnicity:</td>
<td>HIS</td>
</tr>
<tr>
<td>Race:</td>
<td>W</td>
</tr>
<tr>
<td>Height:</td>
<td>5'11&quot;</td>
</tr>
<tr>
<td>Weight:</td>
<td>155</td>
</tr>
<tr>
<td>Build:</td>
<td></td>
</tr>
<tr>
<td>Hair Color:</td>
<td>BRO</td>
</tr>
<tr>
<td>Hair Length:</td>
<td></td>
</tr>
<tr>
<td>Eye Color:</td>
<td>BLU</td>
</tr>
<tr>
<td>Address:</td>
<td>123 E Main Street, Carlisle, MD 54411</td>
</tr>
<tr>
<td>Last Updated:</td>
<td>01/01/2013</td>
</tr>
</tbody>
</table>

| Skin Tone:       | Olive         |
| Complexion:      | Light         |
| Religion:        | Catholic      |
| Amputations:     | Right Arm     |
| Handicap:        | Glasses       |
| Glasses:         | Glasses       |
| Minor:           | Language: Spanish |
| Mantal Status:   | Married       |
| Scars, Marks, Tattoos: | Eagle on back |
| Phone Type:      | Home          |
| Phone Number:    | 2-111-1234    |

#### Originating Organization

<table>
<thead>
<tr>
<th>Name:</th>
<th>Branch:</th>
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<tbody>
<tr>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>ID:</th>
<th></th>
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</thead>
</table>

<table>
<thead>
<tr>
<th>Address:</th>
</tr>
</thead>
</table>

#### Contact Name: |

<table>
<thead>
<tr>
<th>Contact Phone:</th>
</tr>
</thead>
</table>

#### Aliases

<table>
<thead>
<tr>
<th>Nickname</th>
<th>Name</th>
<th>DOB</th>
<th>SSN</th>
<th>Gender</th>
<th>Race</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sly Dog</td>
<td>Bob J White</td>
<td>01/15/1940</td>
<td>123-45-6796</td>
<td>M</td>
<td>IND</td>
</tr>
</tbody>
</table>

Contact the Originating Organization for detailed Arrest record information.
S2S – Data Availability

- **Local Service Implementations** – Each state develops services to meet internal needs and shares as they see fit with MARIS

- **Search and Alert Approach** – Specific search is performed and the response indicates Green (subject found) or red (subject not found)
  - Must include found or not found (Green light/ Red Light)
  - Must include either manual information number to call to get data or direct link to data

- **Limited Controlled Data Sets** – each MARIS state provides specific agreed to data elements with a single service implementation (one consolidated service for all data types (parole, probation, drivers, vehicle, etc.)

- **Full Data Exchange** – each MARIS state provides specific agreed to data elements by featured data sets with multiple services interfaces. More specialized services built for each type of data (parole, probation, drivers, vehicle, etc.)
Standards

• Governance
  – Customized from other interstate governance structures

• Policy and Privacy
  – Global Privacy Standards

• Technical
  – Identity Federation Standards
  – Global Architecture Standards (incl. packaging)
  – National Information Exchange Model (NIEM)
  – Global Federated Identity and Privilege Management (GFIPM)
Challenges

• Governance Structure
  – Identity and Information Sharing Governance
• Legal
  – Different state legal frameworks
• Cost/Funding
• Policy
  – Conveyance
  – Enforcement
• Business Differences
  – a sheriff in PA is not the same as a sheriff in MD
• Technical Differences/Approaches
• Specialized Interstate Information Sharing Networks
Lessons Learned

- Understand and know the business use case(s)
- Respect and adhere to the data providing states laws and policies
- Separate user authentication and access from information
- Engage your Legal team early in the project
- Create strong coordination between your legal and business/technical teams
- Be involved in the national information sharing organizations (NASCIO, Global Information Sharing, NIEM, NAJIS etc.)
- Be flexible
- Engage your internal data owners and service providers
- Identify cross-jurisdictional Project Manager
Funding

• Currently
  • Self Funded – States are providing their own resources
  • Federal Grant – Coordinated and submitted by Pennsylvania (PCCD) for MARIS
  • Receiving technical assistance from DOJ
FUTURE EXCHANGES...

MARIS TODAY...
It's QUESTION TIME!!
Governance Board Contacts

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[mailto:rmerwine@pa.gov](mailto:rmerwine@pa.gov)