

BCA Vendor Conference

October 17, 2012

Agenda

- OSB Update
- BCA Headers & Schema Changes
- Identity Access Management, Integrated Search Service Updates
- Office of Enterprise Technology Consolidation
- Criminal Justice Reporting System/Computerized Criminal History Replacement Updates
- eCharging Deployment Update
- New Statute Service

Oracle Service Bus 11g Update

October 17, 2012

Mark Girard

Agenda

- Why move to OSB 11g?
- Architecture of 11g environment
- Migration of Inbox
- Production timeline for OSB projects
- Future considerations

Why move to OSB 11g?

- The Oracle acquisition of BEA Systems, Inc. was completed early 2008
- Extended support of AquaLogic Service Bus 2.6 ended August 2012
- Compelling new features OSB 11g
 - Service result caching in Coherence
 - EJB 3.0 support
 - Native MQ connectivity that works
 - Improved performance
 - OWSM integration for applying policies to Proxy Services
 - Native connectivity to SOA Suite 11g
 - More on this later

Architecture of 11g Environment

- Solaris T2000
 - 8 Cores per server
 - 8 Intel-equivalent, 1.2GHz Processors per core
 - 64GB RAM per server
- Two servers, Active/Active
 - High Availability
 - Equivalent to 128 Intel processors

Architecture of 11g Environment

■ Multiple Domains

□ SOA

- SOA Suite
- Web Services Manager (WSM)
- Business Activity Monitor (BAM) (Active/Passive)

□ OSB

- OSB servers
 - Hosts Oracle Service Bus
- APPMGD servers
 - Hosts application business logic

Migration of Inbox

■ ALSB Inbox

- Tightly coupled with CIBRS, eCharging, and NEIS
- Uses BCA Header v1.1
- Asynchronous Message Exchange pattern for all three applications
- Currently consumed by a few hundred clients

Migration of Inbox

- Oracle Service Bus Inbox
 - BCA Services
 - Preferred Enterprise Gateway to the services exposed to clients
 - Uses BCA Header v1.4.1
 - BCA Services generates the MessageReceipt
 - <RequestCategory> element value

Migration of Inbox

- Oracle Service Bus Inbox (continued)
 - “Baby Inbox”
 - Bridges between existing clients and BCA Services
 - Transforms message as necessary
 - BCA Header from 1.x to 1.4.1 and back
 - Replaces BCA Header on response from BCA Services
 - RequestMessage v1.0 to RequestMessage v1.1 to BCA Services
 - MessageReceipt v1.1 from BCA Services to MessageReceipt v1.0 to client

Migration of Inbox

- Oracle Service Bus Inbox (continued)
 - Wraps SOAP Body message content in <BCAServicesSubmission> element and back
 - ALSB used <Submit> element
 - Augments “Baby Inbox” message with credentials
 - Multiple Destination Application messages are no longer supported
 - NEIS is removed as a Destination Application
 - CIBRS sends to NEIS

Migration of Inbox

- Asynchronous Message Exchange pattern
 - Developing retry standards per service
 - Initial Delay
 - Delay between attempts
 - Number of attempts
 - For example, eCharging
 - 5 seconds Initial Delay
 - 10, 20, 30, 40, 50 seconds delay between successive attempts
 - Maximum of 5 attempts

Migration of Inbox

- Sunset of “Baby Inbox”
 - Meaning that all existing clients are consuming BCA Services
 - January 2nd, 2014

Migration of ALSB Projects

- Services previously available through BCA Services on ALSB have been migrated to OSB
 - POR Level 3
 - LEMS Framework
 - Warrant Services
 - Supplemental Reporting

Production Timeline for OSB

- What does it mean to existing clients when OSB (and “Baby Inbox”) goes into Production
 - Not much... 😊
 - The endpoint that current Inbox consumers are hitting will not change
 - We just point to the new servers internally
- Anticipated Production date is before October 31, 2012

Future Considerations

- Oracle Service Bus 11g is in Production
 - Now what?

Future Considerations

- BCA purchased Oracle SOA Suite 11g
 - BAM – Business Activity Monitoring
 - BPEL – Business Process Execution Language
 - BPM – Business Process Management
 - Event Delivery Network
 - Human Workflow
 - Rules Engine

Questions?

BCA Headers and Schema Changes

October 17, 2012

Mark Girard

Agenda

- BCA Header v1.4.1
- MessageReceipt v1.1
- RequestMessage v1.1
- NIEM 3.0

BCA Header v1.4.1

```

<?xml version="1.0" encoding="UTF-8"?>
<xsd:schema xmlns:bca="http://bca-xml.x.state.mn.us/header/1.4/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:wsa="http://www.w3.org/2005/08/addressing" schemaLocation="ws-addr v1.2.xsd"/>
  <xsd:import namespace="http://www.w3.org/2005/08/addressing" schemaLocation="ws-addr v1.2.xsd"/>
  <xsd:attribute name="schemaVersion" type="xsd:string" fixed="1.4.1">
    <xsd:annotation>
      <xsd:documentation>Version of the schema used to create an instance</xsd:documentation>
    </xsd:annotation>
  </xsd:attribute>
  <xsd:element name="GloballyUniqueIdentifier" type="xsd:string">
    <xsd:annotation>
      <xsd:documentation>(GUID) is the Unique ID assigned to a user in Identity Management.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="Header">
    <xsd:complexType>
      <xsd:complexContent>
        <xsd:extension base="bca:BCAHeaderType">
          <xsd:attribute ref="bca:schemaVersion" use="required"/>
        </xsd:extension>
      </xsd:complexContent>
    </xsd:complexType>
  </xsd:element>
  <xsd:element name="EventName" type="xsd:string"/>
  <xsd:element name="EventQualifier">
    <xsd:simpleType>
      <xsd:restriction base="xsd:string">
        <xsd:enumeration value="NEW"/>
        <xsd:enumeration value="UPDATE"/>
        <xsd:enumeration value="DELETE"/>
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:element>

```

BCA Header v1.4.1

- Just kidding...

BCA Header v1.4.1

■ What's Gone from BCA Header v1.1

```

<bca:Header bca:schemaVersion="1.1">
  <bca:RequestCategory/>
  <bca:EventName/>
  <bca:EventQualifier/>
  <bca:DestinationApplication/>
  <bca:SubmittingEntityORI/>
  <bca:SubmittingEntityDeviceID/>
  <bca:SubmittedMessageID/>
  <bca:RequestDetails>
    <bca:RequestCreatedDateTime/>
    <bca:RequestEntityName/>
    <bca:RequestEntityORI/>
    <bca:RequestEntityDeviceID/>
    <bca:RequestEntityApplication/>
    <bca:RequestEntityApplicationVersion/>
    <bca:RequestEntityRecordID/>
    <bca:RequestEntitySequenceNumber/>
    <bca:RequestUserID/>
    <bca:RequestUserPassword/>
    <bca:RequestUserDeviceID/>
    <bca:RequestUserRole/>
  </bca:RequestDetails>
  <bca:WSA>
    <wsa:To/>
    <wsa:Action/>
    <wsa:ReplyTo>
      <Address/>
      <wsa:ReferenceParameters/>
      <wsa:Metadata/>
    </wsa:ReplyTo>
    <wsa:FaultTo>
      <Address/>
      <wsa:ReferenceParameters/>
      <wsa:Metadata/>
    </wsa:FaultTo>
    <wsa:MessageID/>
  </bca:WSA>
</bca:Header>

```

BCA Header v1.4.1

■ What's New in BCA Header v1.4.1

```

<bca:Header bca:schemaVersion="1.4.1">
  <bca:RequestCategory/>
  <bca:EventName/>
  <bca:EventQualifier/>
  <bca:SubmittingEntityORI/>
  <bca:SubmittingEntityDeviceID/>
  <bca:SubmittedMessageID/>
  <bca:SubmittingSystemID/>
  <bca:SubmittingSystemPassword/>
  <bca:RequestDetails>
    <bca:RequestCreatedDateTime/>
    <bca:RequestEntityName/>
    <bca:RequestEntityORI/>
    <bca:RequestEntityDeviceID/>
    <bca:RequestEntityApplication/>
    <bca:RequestEntityApplicationVersion/>
    <bca:RequestUserID/>
    <bca:RequestUserPassword/>
    <bca:RequestUserRole/>
    <bca:GloballyUniqueIdentifier/>
  </bca:RequestDetails>

```

```

<bca:WSA>
  <bca:RoutingInfo>
    <wsa:To/>
    <wsa:Action/>
    <wsa:Metadata/>
  </bca:RoutingInfo>
  <wsa:ReplyTo>
    <wsa:Address/>
    <wsa:ReferenceParameters/>
    <wsa:Metadata/>
  </wsa:ReplyTo>
  <wsa:FaultTo>
    <wsa:Address/>
    <wsa:ReferenceParameters/>
    <wsa:Metadata/>
  </wsa:FaultTo>
  <wsa:MessageID/>
</bca:WSA>
<bca:HeaderExtension/>
</bca:Header>

```

1..*

BCA Header 1.4.1

■ Enumeration Changes

□ No DestinationApplication enumerations

■ Replaced by wsa:To enumerations

- <http://bca-ws.x.state.mn.us/BCA.ECharging.ChargingInstrument/1.0>
- <http://bca-ws.x.state.mn.us/BCA.ECharging.IncidentReport/1.0>
- <http://bca-ws.x.state.mn.us/cibrs/1.0>

■ Remember... (almost) nobody submits directly to NEIS

BCA Header v1.4.1

■ Enumeration Changes

□ RequestCategory element

- SEARCH
- VALIDATE
- SUBMIT
- WORKFLOW
- RETRIEVE

MessageReceipt v1.1

■ What's Gone from MessageReceipt v1.0

```

<bca:MessageReceipt bca:schemaVersion="1.0">
  <bca:SubmittingEntityORI/>
  <bca:SubmittedMessageID/>
  <bca:BCACorrelationID/>
  <bca:Result/>
  <bca:ResultText/>
  <bca:DestinationApplication/>
</bca:MessageReceipt>
  
```

MessageReceipt v1.1

- So, what's left in MessageReceipt v1.1?

```
<bca:MessageReceipt bca:schemaVersion="1.1">  
  <bca:SubmittedMessageID/>  
  <bca:BCACorrelationID/>  
</bca:MessageReceipt>
```

RequestMessage v1.1

■ What's Gone from RequestMessage v1.0?

```

<bca:RequestMessage bca:schemaVersion="1.0">
  <bca:SubmittingEntityORI/>
  <bca:SubmittedMessageID/>
  <bca:BCACorrelationID/>
  <bca:SubmittingEntityDeviceID/>
  <bca:SourceApplication/>
  <bca:RequestUserID/>
  <bca:RequestUserPassword/>
</bca:RequestMessage>
  
```

RequestMessage v1.1

■ What's New in RequestMessage v1.1

```

<bca:RequestMessage bca:schemaVersion="1.1">
  <bca:SubmittingEntityORI/>
  <bca:SubmittedMessageID/>
  <bca:BCACorrelationID/>
  <bca:SubmittingEntityDeviceID/>
  <bca:SourceApplication/>
  <bca:ResponsesReturnTypes/>
</bca:RequestMessage>
  
```

RequestMessage v1.1

- <ResponsesReturnType> enumeration
 - AllResponses
 - NewResponsesOnly

NIEM 3.0

NIEM 3.0 Schedule Overview



- NIEM – National Information Exchange Model
- MNJIS Minnesota Criminal Justice Event (MCJE) is based on NIEM 1.0 and 2.0

NIEM 3.0

■ A Little History

- Based on the success and lessons learned of GJXDM (Global Justice XML Data Model)
- Creation of NIEM 1.0 initiated in April 2005
 - Has been released as 1.0, 2.0, and 2.1
- All 50 states and 19 federal agencies are committed to using NIEM at varying levels

NIEM 3.0

■ Changes will include

- Technical architecture enhancements and fixes
- New NIEM core harmonization updates and domain updates
- Updated NIEM.gov tools to reflect 3.0 architecture
- <https://www.niem.gov/technical/coming-soon/Pages/version-3.aspx>

NIEM 3.0

■ MNJIS Incorporation of NIEM 3.0

- As NIEM 3.0 development proceeds, MNJIS will be working in parallel to incorporate it into our enterprise reference schema.
- How? There are many approaches that could be taken and we haven't determined the exact approach yet.
- Contact me if you're interested in our progress.

Questions?

Thank you!

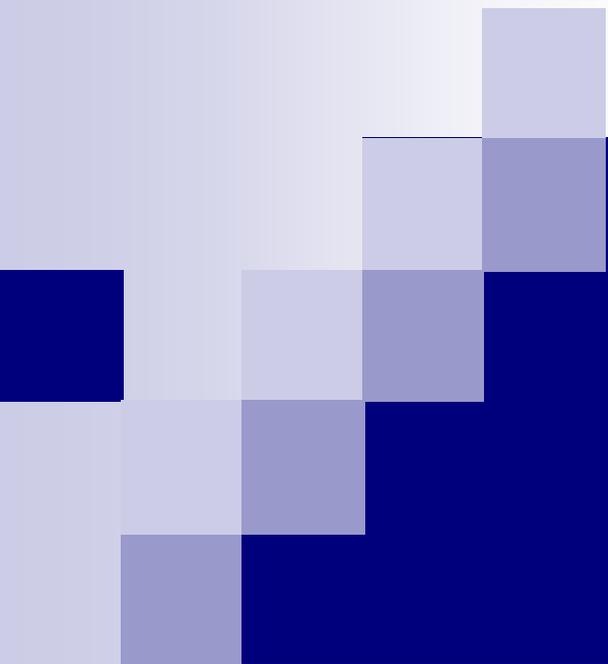
For More Information:

Mark Girard

mark.girard@state.mn.us

bca.dps.mn.gov



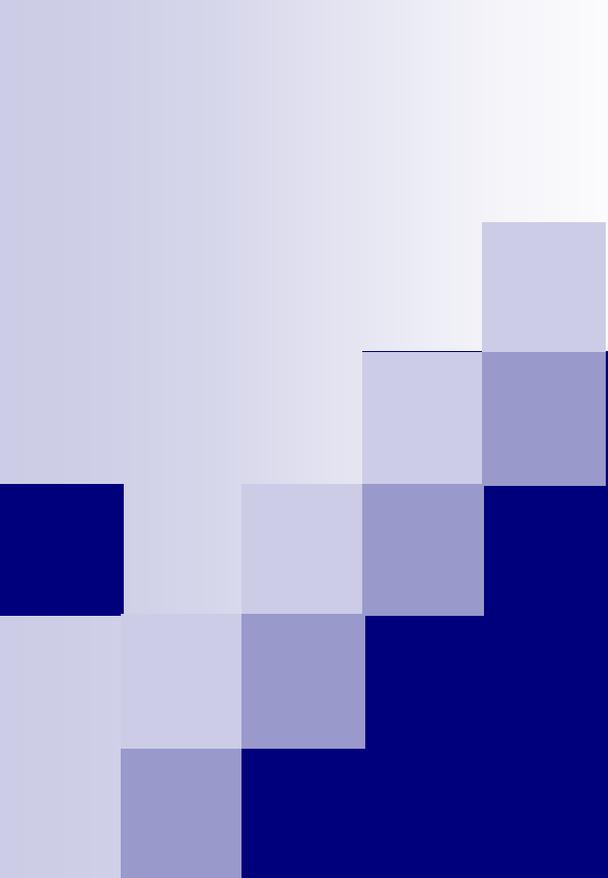
A decorative graphic on the left side of the slide consisting of several overlapping squares of varying shades of blue and purple, arranged in a stepped pattern.

IdAM MyBCA SSO

Alex Gohar
Senior Consultant

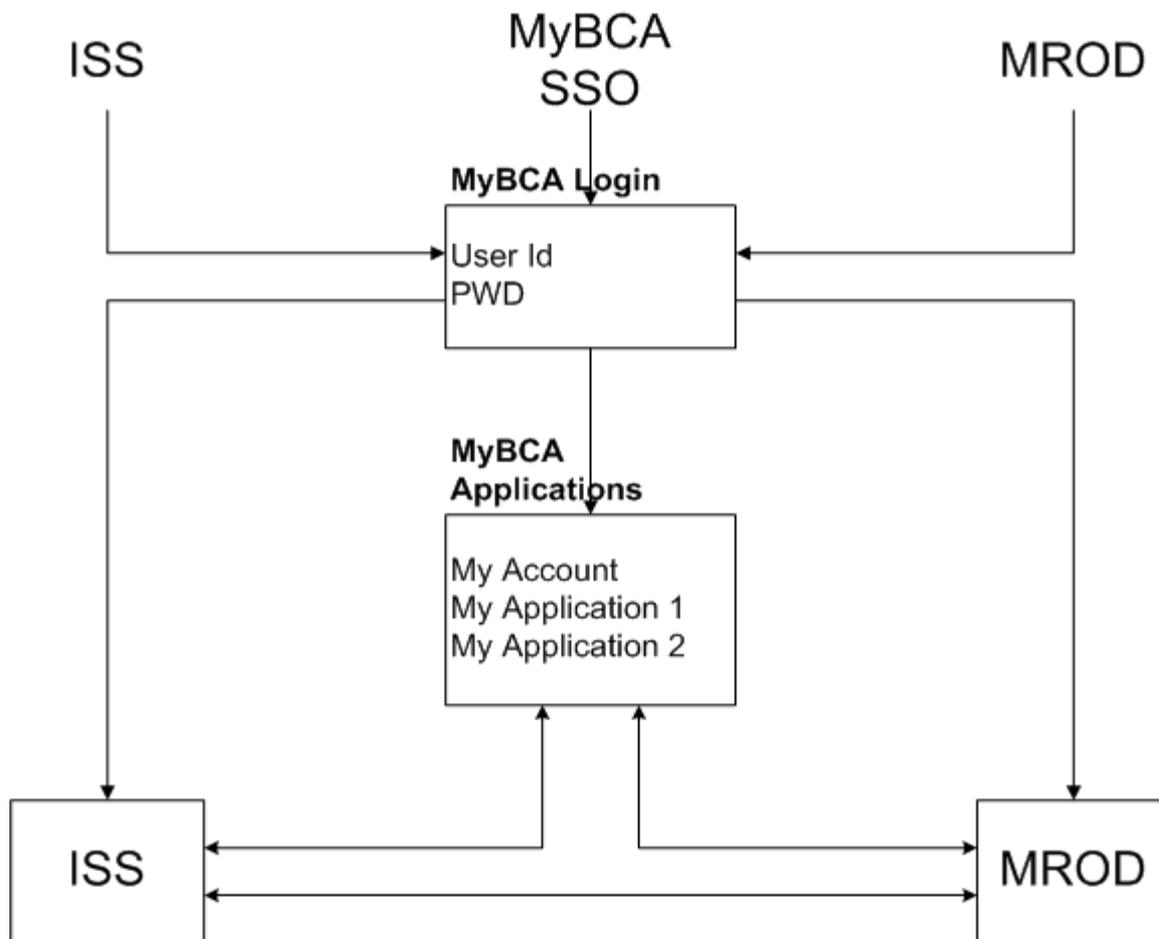
Agenda

- UI SSO
- Computer-to-Computer



UI SSO

Conceptual Overview of SSO





MyBCA Login

Applications Currently Supported: Integrated Search Service (ISS), Minnesota Reports on Demand (MROD).

NOTICE TO USERS

This is an official Minnesota Department of Public Safety computer system and must be used as permitted by law. System access is for authorized use only; any other system access violates federal and/or state law. Unauthorized access to data in this system also violates federal and/or state law, including Minnesota Statutes, Chapter 13.

Sanctions may include criminal prosecution, loss of access to the system or data by you and/or your agency, monetary penalties, attorneys' fees, punitive damages, and discipline by your employer.

The State of Minnesota also prohibits unauthorized access, disclosure, duplication, modification, diversion, destruction, loss, misuse, or theft of its information in accordance with Minnesota Statutes, sections 609.87 - 609.8913. Use of this system by any user, authorized or unauthorized, constitutes express consent to monitoring and dissemination of the user's system and data access by authorized personnel.

Evidence of unauthorized access to or use of this system or its data in violation of law will be provided to the appropriate authorities for possible criminal prosecution or other sanctions.

You are about to access a BCA system or tool that provides you with access to Court Data. Access to and use of Court data is governed by the *Rules of Public Access to Records of the Judicial Branch*, available at <http://www.mncourts.gov/?page=511#publicAccess>. Before you use or share Court data, consult the Rules and any pertinent federal or state statutes to be certain that the use or sharing is authorized.

THERE IS NO RIGHT TO PRIVACY FOR USERS OF THIS SYSTEM.

If you do not consent to these conditions, do not log in.

User Name:

Password:

Log In

Need Help?

Contact the BCA Service Desk at (651) 793-2500 or (888) 234-1119 or bca.servicedesk@state.mn.us. Monday thru Friday, 7:00am - 4:30pm CT.

User Login Credentials

Additional MyBCA options



[My Account](#) [Provide Feedback](#) [Help](#) [BCA Logout](#)



MyBCA Applications

Welcome, Kari Schuch

My Applications

Availability	Application	Maintenance Window	Resources
	MNJIS Integrated Search (ISS)	Maintenance Every Thursday Noon to 1 PM	(+) ▾

Other MNJIS links

Need Help? Contact the BCA Service Desk at (651) 793-2500 or (888) 234-1119 or Greg.Tomatz@state.mn.us. Monday thru Friday 07:00am - 04:30pm Central time.

News and Announcements



MyBCA News and Announcements



My Account option to change your password

My Account

Change Password

Account Attributes

Change Password

To change your password, enter a new password below and click **Save**.

Password

Confirm Password

Passwords must conform to the following rules:

- Must be between 8 and 25 characters in length
- Check password against the dictionary
- Minimum Lowercase: 1
- Minimum Number of Character Type Rules That Must Pass: All
- Minimum Numeric: 1
- Minimum Special: 1
- Minimum Uppercase: 1
- Must not contain words: law, dps, qwert, department, apprehension, bca, crimnet, password, pwd, minnesota, safety, cibrs, comprehensive, criminal, cjis, public, incident

Save

Cancel

My Account option to change your account attributes

My Account

Change Password Account Attributes

Change User Account Attributes

Use this page to change multiple user account attributes.

To save your changes, click **Save**.

Account ID	schuchk2
Last Name	<input type="text" value="Schuch"/> *
First Name	<input type="text" value="Kari"/> *
Middle Name	<input type="text"/>
Email Address	<input type="text" value="kari.schuch@state.mn.us"/> *
Phone Number (123-456-7890)	<input type="text"/>
ISS UserName	<input type="text"/>

* indicates a required field

Save Cancel

MyBCA Applications Provide Feedback

Welcome, Kari Schuch (schuchk2)

[Home](#)[My Account](#)[Help](#)[BCA Logout](#)

Feedback

Which application are you providing feedback for?

Your contact information is automatically provided.

[Return to MyBCA Applications \(Home\)](#)

Contact Us

DPS

Minnesota Bureau of Criminal
Apprehension
1430 Maryland Ave E
St.Paul, MN 55106

BCA Service Desk

(651) 793-2500 or (888) 234-1119
Greg.Tomatz@state.mn.us

Monday thru Friday 07:00am -
04:30pm Central time.

Provide Feedback tab



MyBCA Applications

Welcome, New User (usernbn)

Select MNJIS Integrated Search

My Applications

Availability	Application	Maintenance Window	Resources
	MNJIS Integrated Search (ISS)	Maintenance Every Thursday Noon to 1 PM	(+) ▾
	MNJIS Reports On Demand (MROD)		(+) ▾
	Supplemental Reporting (SRS)		(+) ▾

Other MNJIS links

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News and Announcements



MyBCA Applications

Welcome, New User (usernbn)

Easy Access to ISS User Manual

[My Account](#) [Provide Feedback](#) [Help](#) [BCA Logout](#)

My Applications

Availability	Application	Maintenance Window	Resources	
	MNJIS Integrated Search (ISS)	Maintenance Every Thursday Noon to 4 PM		
Type	Title	Link	Revision Date	Version
Document	ISS User Manual	https://iss.test.x.state.mn.us/iss/docs/UserTrainingManual.pdf	03/15/2012	2.3
	MNJIS Reports On Demand (MROD)			
	Supplemental Reporting (SRS)			

Other MNJIS links

Need Help? Contact the BCA Service Desk at (651) 793-2500 or (888) 234-1119 or Greg.Tomatz@state.mn.us. Monday thru Friday 07:00am - 04:30pm Central time.

News and Announcements



MyBCA Logout

Thanks for using the MyBCA Services. Logout Successful.

You can close your Internet Browser.

Need Help?

Contact the BCA Service Desk at (651) 793-2500 or (888) 234-1119 or bca.servicedesk@state.mn.us. Monday thru Friday, 7:00am - 4:30pm CT.

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Sanctions may include criminal prosecution, loss of access to the system or data by you and/or your agency, monetary penalties, attorneys' fees, punitive damages, and discipline by your employer.

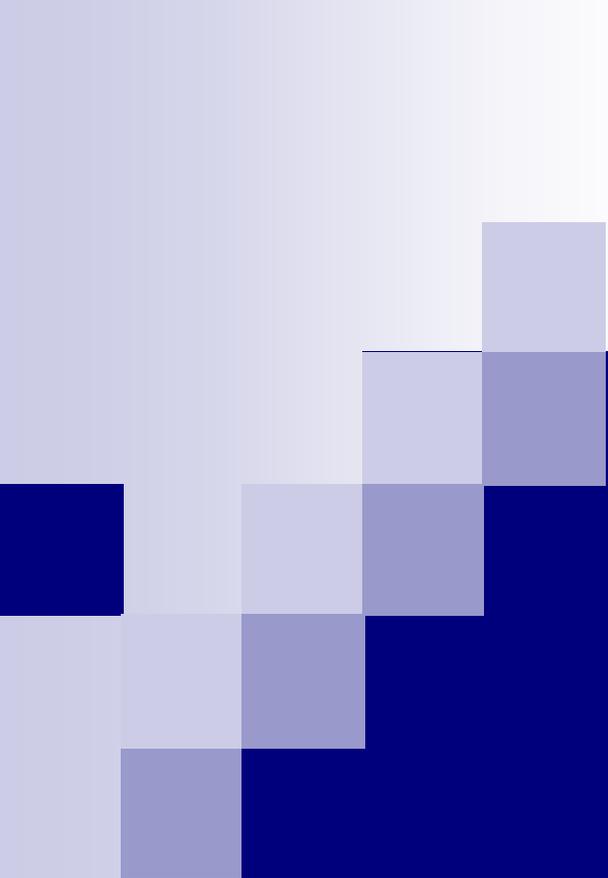
The State of Minnesota also prohibits unauthorized access, disclosure, duplication, modification, diversion, destruction, loss, misuse, or theft of its information in accordance with Minnesota Statutes, sections 609.87 - 609.8913. Use of this system by any user, authorized or unauthorized, constitutes express consent to monitoring and dissemination of the user's system and data access by authorized personnel.

Evidence of unauthorized access to or use of this system or its data in violation of law will be provided to the appropriate authorities for possible criminal prosecution or other sanctions.

You are about to access a BCA system or tool that provides you with access to Court Data. Access to and use of Court data is governed by the *Rules of Public Access to Records of the Judicial Branch*, available at <http://www.mncourts.gov?page=511#publicAccess>. Before you use or share Court data, consult the Rules and any pertinent federal or state statutes to be certain that the use or sharing is authorized.

THERE IS NO RIGHT TO PRIVACY FOR USERS OF THIS SYSTEM.

If you do not consent to these conditions, do not log in.



Computer-to- Computer

C2C

- SSL Certificate Required
- USER REQUEST – (SOAP HEADER)
 - Hub to Hub Credential
 - Unique Agency User Id
- ISSaaS
 - User Id will be MyBCA User Id
 - Pwd will be MyBCA Pwd
- Current Services will be modified to follow ISSaaS pattern

C2C

- Additional Security Services
 - Get Source System Access Profile
 - LEMS Pwd Change (November)
 - MyBCA Pwd Change (under development)
- New Service Description
- Creating Testing Documents

C2C

- Each User must have active access to appropriate source system
- Each User must have a MyBCA SSO User Id and Pwd
- Each User must have an ISS account for services exposed through ISS
- Each User will be required to request access to Non-ISSaaS services exposed
- Calling/system/Hub need to provision for the entry/storage of credentials

Questions?

Thank you!

For More Information:

Robert P Johnson

robert.p.johnson@state.mn.us

bca.dps.mn.gov



Integrated Search Service New Functionality

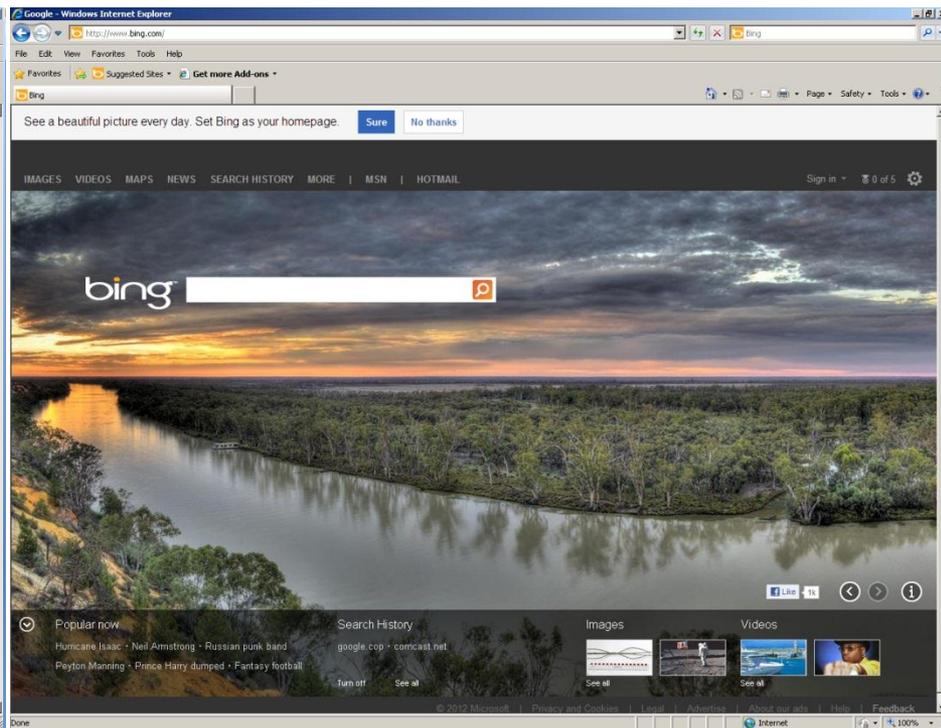
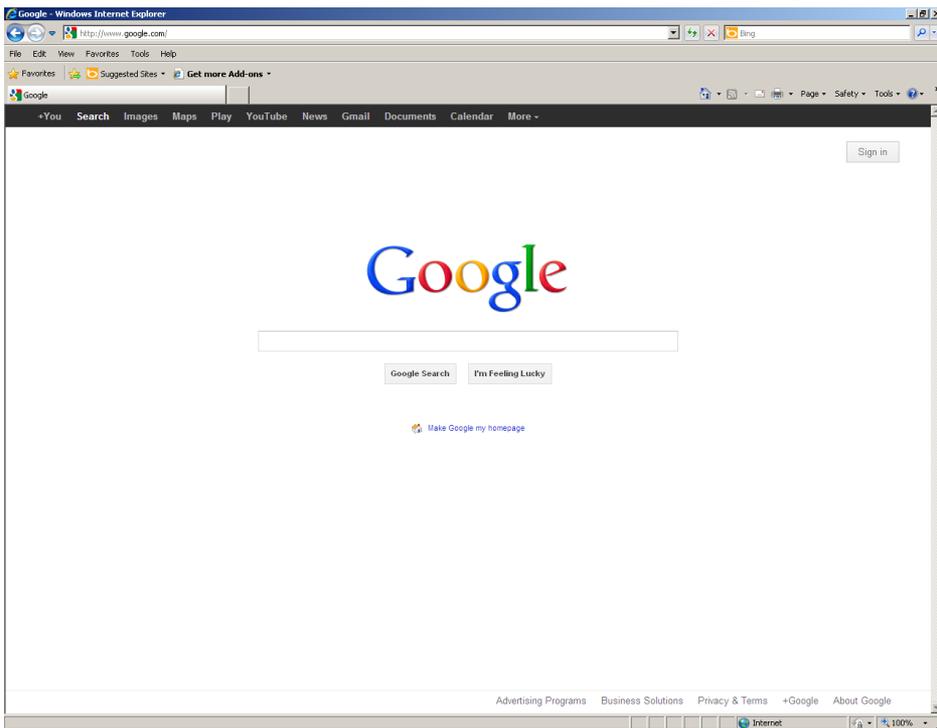
Kari Schuch

Senior Business Analyst

Agenda

- What is Integrated Search Service?
- History
- Goals
- ISSv6 Enhancements
- Future Enhancements
- Using ISS
- ISS/NEIS
- How to Get Access to ISS
- Questions

ISS is...



Integrated Search Service



- An integrated interface that allows users to search multiple criminal justice data sources in a single location

History: Need for Integration

The collage consists of several screenshots from different web applications:

- Top Left:** A Psp Portal 100 - Windows Internet Explorer window showing a message from MNJIS with the text "Unauthorized Access To This Site Is Strictly Prohibited!".
- Top Middle:** A "Minnesota Department of Public Safety - BCA" window showing a "License Usage Web View" with a table of license information.
- Top Right:** A "Minnesota Preoffender Registration" form with fields for name, date of birth, and address.
- Middle Left:** A "Minnesota Department of Public Safety" search page with various filters and a search button.
- Middle Right:** A "Minnesota Pursuit Report" form with fields for incident details and agency information.
- Bottom Left:** A "Minnesota Department of Public Safety" window showing a "General Entry Board Assessment" form.
- Bottom Middle:** A "COMPUTERIZED CRIMINAL HISTORY" window displaying a profile for SID: MN82009700, NAME: (Last) TESTRECORD, (First) JOHN, (Middle) D, Security Code: changed by GRAY on 11/24/2009, and other personal and identification details.
- Bottom Right:** A "Capture Station" window showing a grid of fingerprint images and a "Next" button.

A large black question mark is centered in the middle of the collage, highlighting the lack of integration between these various systems.

ISS Goals

- Integrate BCA Products & Services
- Integrate Criminal Justice Information
- Manage Criminal Justice Information from Multiple Sources
- Simplify the Logon Process
- Single Point of Entry

ISSv6 Project Enhancements

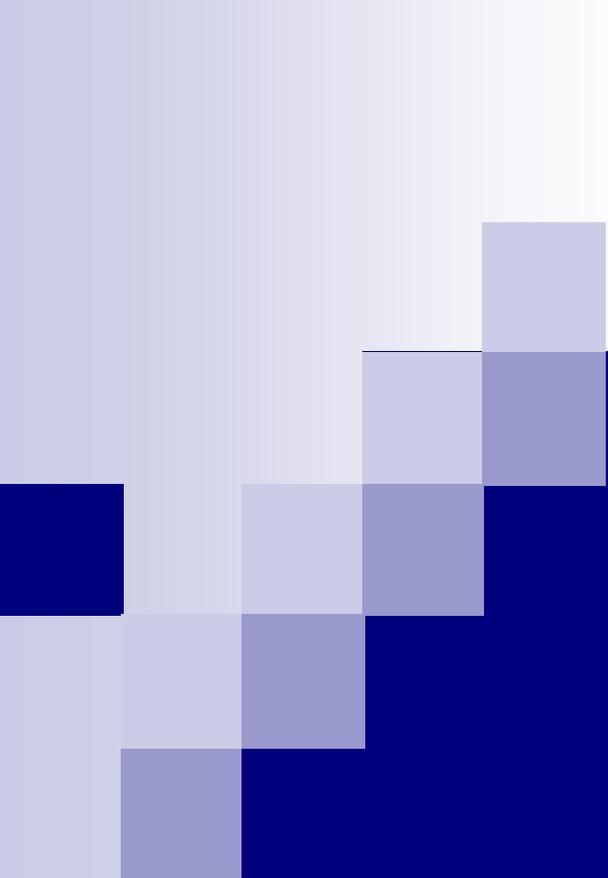
- September 23, 2011
 - Integrated with IdAM – Single Sign On
 - Added MyBCA Applications Landing Page
- January 19, 2012
 - Added DVS as source system
- April 5, 2012
 - Added KOPS alerts & Gang Member records

ISSv6 Project Enhancements

- June 28, 2012
 - Added CIBRS as source system
 - Enhanced search functionality
- August 30, 2012
 - CIBRS Display

Future Enhancements

- Adding Data
 - POR & CIS
- Enterprise Redaction
- Reorienting Search
- NEIS
- N-DEx
 - N-DEx on Landing Page
 - N-DEx as a Source System
- Stakeholder Requests
- Report/Export Service
- UI Enhancements
Usability/Navigation
- III and Additional
CCH Purpose Codes
- Outside Consumers



Using ISS

Basic Search option is default

- Basic Search**
- Data Subject Search
- Disputes
- Help
- Account Management

Enter Search Criteria

Source System Selector «

- CCH
- CIBRS
- DVS
- Hot Files
- MNCIS
- MRAP
- POR
- S3

Person Search «

Last Name First Name Middle Name

Birth Date
(MM/DD/YYYY or YYYYMMDD)

Gender Race Requester ORI

Person Search By ID »

Criminal History (CCH) Required Fields »

Vehicle Search »

CIBRS Additional Search Fields »

Person Search



Last Name First Name Middle Name Exact

Birth Date
(MM/DD/YYYY or YYYYMMDD)

Gender Race Requester ORI

Person Search By ID



SID

FBI

MN Driver's License #/MN ID #

OID

SSN

Hispanic

Criminal History (CCH) Required Fields



CCH Purpose Code

CCH Requester Name

CCH Reason Text

Vehicle Search



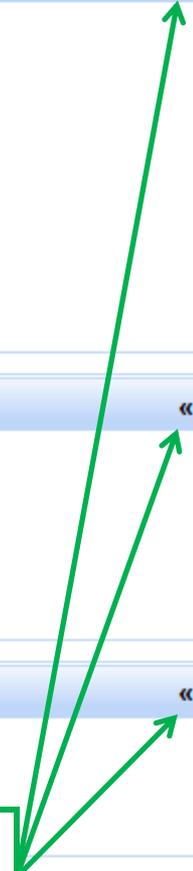
MN License Plate Number

VIN Number

Search

Clear Form

Sections of Basic Search can be opened by clicking on arrows



Name Search Types:

1. Exact
2. Partial
3. Soundex

Person Search «

Last Name	<input type="text"/>	First Name	<input type="text"/>	Middle Name	<input type="text"/>	Exact ▼
Birth Date	<input type="text"/>					
	<small>(MM/DD/YYYY or YYYYMMDD)</small>					
Gender	Select ▼	Race	Search All ▼	Requester ORI	MNBCA0000	

Enter Search Criteria

Selecting CCH and CIBRS opens those sections of the page

Source System Selector

- CCH
- CIBRS
- DVS
- Hot Files
- MNCIS
- MRAP
- POR
- S3

Person Search

Last Name	<input type="text" value="don"/>	First Name	<input type="text" value="duc"/>	Middle Name	<input type="text"/>	Exact	<input type="button" value="v"/>
Birth Date	<input type="text"/>	<small>(MM/DD/YYYY or YYYYMMDD)</small>					
Gender	<input type="button" value="Select"/>	Race	<input type="button" value="Search All"/>	Requester ORI	<input type="text" value="MNBCA0000"/>		

Person Search By ID

Criminal History (CCH) Required Fields

* CCH Purpose Code	<input type="button" value="Select..."/>
* CCH Requester Name	<input type="text"/>
* CCH Reason Text	<input type="text"/>

Vehicle Search

CIBRS Additional Search Fields

Incident Date From	<input type="text"/>
	<small>(MM/DD/YYYY or YYYYMMDD)</small>
Incident Date To	<input type="text"/>
	<small>(MM/DD/YYYY or YYYYMMDD)</small>
Person Role	<input type="button" value="Search All"/>
Age Status	<input type="radio"/> Adult
(At the time of the incident)	<input type="radio"/> Juvenile
	<input type="radio"/> Both

Responsible Agency

ISS shows systems available to the user's role. Users can select only systems they have been individually processed and approved to use.

Basic Search

Data Subject Search

Disputes

Help

Account Management

Enter Search Criteria

Search

Clear Form

Source System Selector

- CCH
- DVS
- Hot Files
- MNCIS
- MRAP
- POR
- S3

Select All

Clear

Person Search

Last Name First Name Middle Name Exact
Birth Date
(MM/DD/YYYY or YYYYMMDD)
Gender Race Requester ORI

Person Search By ID

Vehicle Search

Search

Clear Form

The CIBRS section does not appear when the user does not have access to CIBRS.

[Basic Search](#)[Data Subject Search](#)[Disputes](#)[Help](#)[Account Management](#)

Enter Search Criteria

Source System Selector «

- CCH
- DVS
- Hot Files
- MNCIS
- MRAP
- POR
- S3

Person Search «

Last Name First Name Middle Name Exact Birth Date (MM/DD/YYYY or YYYYMMDD)Gender Race Requester ORI

Person Search By ID »

Vehicle Search »

Enter Search Criteria

Clearer error messages

- The CCH Purpose Code field is required
- The CCH Requester Name field is required
- The CCH Reason Text field is required
- The Reason Text field is required

Search

Clear Form

Source System Selector

- CCH
- CIBRS
- DVS
- Hot Files
- MNCIS
- MRAP
- POR
- S3

Select All

Clear

Person Search

Last Name First Name Middle Name

Birth Date
(MM/DD/YYYY or YYYYMMDD)

Gender Race Requester ORI

Person Search By ID

SID

FBI

MN Driver's License #/MN ID #

OID

SSN

Hispanic

Criminal History (CCH) Required Fields

* CCH Purpose Code

* CCH Requester Name

[Refine Search](#)
[New Search](#)

Search Criteria Entered: Last Name: aguilera First Name: frank Middle Name: felipe Birth Date: 19560526 (Requester ORI: MNBCA0000)

System Status Details: (2 systems queried)

System	Status	Hits	Description	Suggestions
Driver and Vehicle Services (DVS)		2	OK	OK. Name/DOB used for DVS Query.
Minnesota Court Information System (MNCIS)		6	Partial Criteria	Not all search fields were used to satisfy the search request.

8 Records Found

Flags	Last Name ▾	First Name ▾	Middle Name ▾	Birth Date ▾	Gender ▾	Race ▾	Date ▾	System ▾
	Aguilera	Frank	Felipe	05/26/1956	Male			MNCIS Freeborn County-24CR0615
	Aguilera	Frank	Felipe	05/26/1956	Male			MNCIS Freeborn County-24CR06732
	AGUILERA	FRANK	FELIPE	05/26/1956	Male			MNCIS Hennepin County-27CR84903092
	AGUILERA	FRANK	FELIPE	05/26/1956	Male			MNCIS Ramsey County-62K293002571
	AGUILERA	FRANK	FELIPE	05/26/1956	Male			MNCIS Ramsey County-62K294000913
	AGUILERA	FRANK	FELIPE	05/26/1956	Male			MNCIS Ramsey County-62K302600497
	AGUILERA	FRANK	FELIPE	05/26/1956	Male			DVS
	Aguilera	Frank	Felipe	05/26/1956	Male			DVS

[Refine Search](#)
[New Search](#)

FRANK FELIPE AGUILERA

Male

Birth Date: 05/26/1956

MN ID / DL# R028149472710



2009-08-07T16:07:45

Person and DL Information

Person Names

Type	##	Last Name	First Name	Middle Name	Suffix	Birth Date
Name of Record	1	AGUILERA	FRANK	FELIPE		05/26/1956

Person Description

Gender	Eye Color	Height	Weight
Male	BRO	5'5"	125

Address

Street Address	City/Town	State	Zip Code	County
871 N SNELLING	ST PAUL	MN	55104	62

Minnesota Driver License Information

MN ID / DL#	DL Status Name	DL Issue Date	DL Expiration Date	Class	Type	ID Issue Date	ID Expiration Date
R028149472710	VALID	01/19/2011	05/26/2015	D	1		

Endorsement	CDL Status Code	CDL Status Name	Organ Donor
		N / A	

Indicators

CDL	Disability Certificate	Corrective Lens	Living Will	Medical Alert	Senior Citizen	Suspense

Driving Record ⤴

DWI Alcohol Assessment

Incident Date	Prior Revocations
1981-02-08	
1982-03-13	

Conviction 1

Activity Date	Text	Offence Level code	Court ID NO	Location	BAC Value	Posted Speed
1997-11-01		M	62		600	
Incident Recorded Speed Rate	Commercial Vehicle Indicator	Hazardous Material Indicator				
	false	false				
Court Code	Description	Source Code	Conviction Indicator	DWI Indicator	Moving Violation Indicator	
DK1	DUI - .20 OR MORE IC-9	CC	true	true	false	

Driver Text Fields

Activity Date	PSMemo Code	Jacket Memo	Judicial Review Indicator
1985-08-05	*	10-2-81 COFA A-246-261-683-396	
1985-08-05		ANY USE OF ALCOHOL	
1985-08-05		INVALIDATES LICENSE	
1998-02-03	*	11 01 97IMPLIED CONSENT - TEST - .20 OR MOR199803410E	

[Refine Search](#)
[New Search](#)

Search Criteria Entered: Last Name: aguilera First Name: frank Middle Name: felipe Birth Date: 19560526 (Requester ORI: MNBCA0000)

System Status Details: (2 systems queried)

System	Status	Hits	Description	Suggestions
Driver and Vehicle Services (DVS)		2	OK	OK. Name/DOB used for DVS Query.
Minnesota Court Information System (MNCIS)		6	Partial Criteria	Not all search fields were used to satisfy the search request.

8 Records Found

Flags	Last Name ▾	First Name ▾	Middle Name ▾	Birth Date ▾	Gender ▾	Race ▾	Date ▾	System ▾
	Aguilera	Frank	Felipe	05/26/1956	Male			MNCIS Freeborn County-24CR0615
	Aguilera	Frank	Felipe	05/26/1956	Male			MNCIS Freeborn County-24CR06732
	AGUILERA	FRANK	FELIPE	05/26/1956	Male			MNCIS Hennepin County-27CR84903092
	AGUILERA	FRANK	FELIPE	05/26/1956	Male			MNCIS Ramsey County-62K293002571
	AGUILERA	FRANK	FELIPE	05/26/1956	Male			MNCIS Ramsey County-62K294000913
	AGUILERA	FRANK	FELIPE	05/26/1956	Male			MNCIS Ramsey County-62K302600497
	AGUILERA	FRANK	FELIPE	05/26/1956	Male			DVS
	Aguilera	Frank	Felipe	05/26/1956	Male			DVS

[Refine Search](#)
[New Search](#)

FRANK FELIPE AGUILERA

Male

Birth Date: 05/26/1956

Filing County: Ramsey County, Court File: 62K294000913

Person Names



Type	##	Last Name	First Name	Middle Name	Suffix
Name of Record	1	AGUILERA	FRANK	FELIPE	
Alias	2	AGUILERA	FRANK	FELIPE	

[-top of page-](#)

Address



##	Street Line 1	Street Line 2	City/Town	State	Zip Code
1	1044 MARSHALL		ST. PAUL	MN	55104

[-top of page-](#)

Person Description



Gender	Birth Date
Male	05/26/1956

[-top of page-](#)

More Information



Court Case Data



Court File ID	Case Category	Filing Date	Filing County	Individual Status
62K294000913	Serious Felony	03/28/1994	Ramsey County	

Charge Count 1

Charge Status	Statute Number	Offense Description	Offense Date	MOC
	609.344.1D	CSC 2RD DEC	03/23/1994	15172

[Back to Results](#)[Print Details](#)[Enhanced Search](#)[Next](#)[Previous](#)

FRANK FELIPE AGUILERA

Male
Birth Date: 05/26/1956
Filing County: Ramsey County, Court File: 62K294000913

Enhanced Search option

Person Names



Type	##	Last Name	First Name	Middle Name	Suffix
------	----	-----------	------------	-------------	--------

[Advanced Search](#)[Back To Details](#)

Redirects to a page where search criteria can be selected

Person ID

Last Name	First Name	Middle Name	Birth Date	SSN	FBI Number	SID	OID	Driver License State	Driver License
<input checked="" type="checkbox"/> AGUILERA	<input checked="" type="checkbox"/> FRANK	<input checked="" type="checkbox"/> FELIPE	<input checked="" type="checkbox"/> 05/26/1956						
<input checked="" type="checkbox"/> AGUILERA	<input type="checkbox"/> FRANK	<input type="checkbox"/> FELIPE							

Person Description

Gender Male

Race

Criminal Records

Enter Search Criteria

Source System Selector «

- CCH
- DVS
- Hot Files
- MNCIS
- MRAP
- POR
- S3

Person Search «

Last Name First Name Middle Name Exact Birth Date (MM/DD/YYYY or YYYYMMDD)Gender Race Requester ORI

Person Search By ID »

Vehicle Search »

Another example of clearer error messages

Refine Search

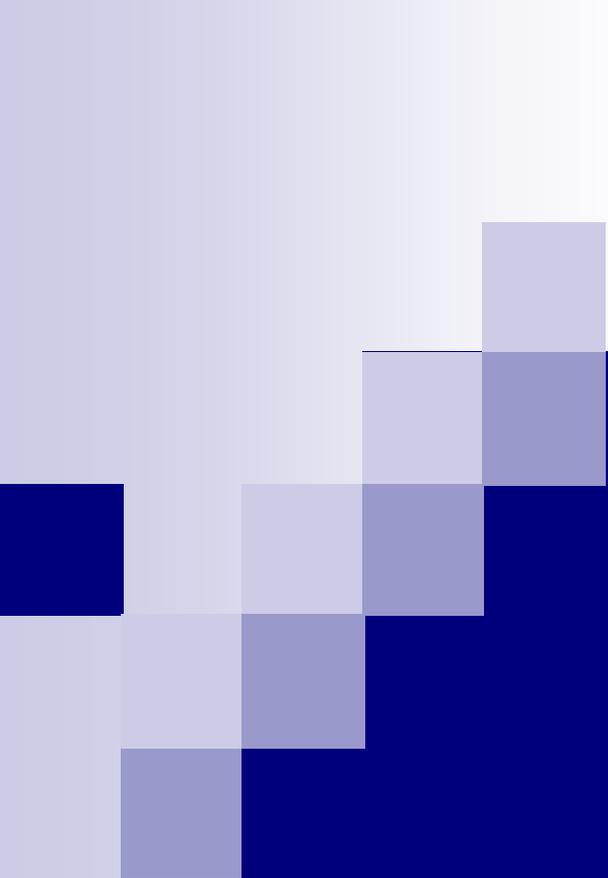
New Search

Search Criteria Entered: Last Name: don First Name: duc (Requester ORI: MNBCA0000)(CCH Purpose Code: C)(CCN Requester Name: Law Enforcement User)(CCH Reason Text: Demonstration) age status: Adult role code: S incident Date From: 12/01/2011 incident Date To: 12/31/2011 Reason Text: Demonstration

System Status Details: (8 systems queried)

System	Status	Hits	Description	Suggestions
Comprehensive Incident Based Reporting System (CIBRS)		0	OK	No records found.
Driver and Vehicle Services (DVS)		0	OK	No Records Found.
Minnesota Court Information System (MNCIS)		0	Partial Criteria	Not all search fields were used to satisfy the search request.
Minnesota Repository of Arrest Photos (MRAP)		0	OK	No records found.
Statewide Supervision System (S3)		0	Partial Criteria	Not all search fields were used to satisfy the search request.
Predatory Offender Registry (POR)		0	Partial Criteria	Not all search fields were used to satisfy the search request.
Minnesota Criminal History (CCH)		0	Access Control Problem	PASSWORD HAS EXPIRED.
Hotfiles (HOT FILES)		0	Access Control Problem	PASSWORD HAS EXPIRED.

The information displayed on this page is for investigative purposes only. You must obtain the original documents from the source agency if the information is going to be presented in court, council meeting or for any other legitimate criminal justice purpose. Failure to obtain the original documents from the source agency has the potential of jeopardizing the validity of this information.



ISS/NEIS

ISS Results Today

Offender
Registration

Offender
Registration

Offender
Registration

Offender
Registration

DL Info

DL Info

Court
Disposition

Court
Disposition

Court
Disposition

Court
Disposition

Offender
Registration

Offender
Registration

Offender
Registration

DL Info

DL Info

Court
Disposition

Court
Disposition

Court
Disposition

Court
Disposition

Offender
Registration

Offender
Registration

DL Info

DL Info

Jail Intake

NCIC
HotFiles

NCIC
HotFiles

Court
Disposition

Booking

Booking

Prison
Release

Supervision
Begins

Supervision
Begins

NCIC
HotFiles

MN
HotFiles

Court
Disposition

Court
Disposition

Court
Disposition

Booking

Booking

Jail Intake

Jail Intake

Prison
Intake

MN
HotFiles

MN
HotFiles

Court
Disposition

Court
Disposition

Arrest

Booking

Booking

Jail
Release

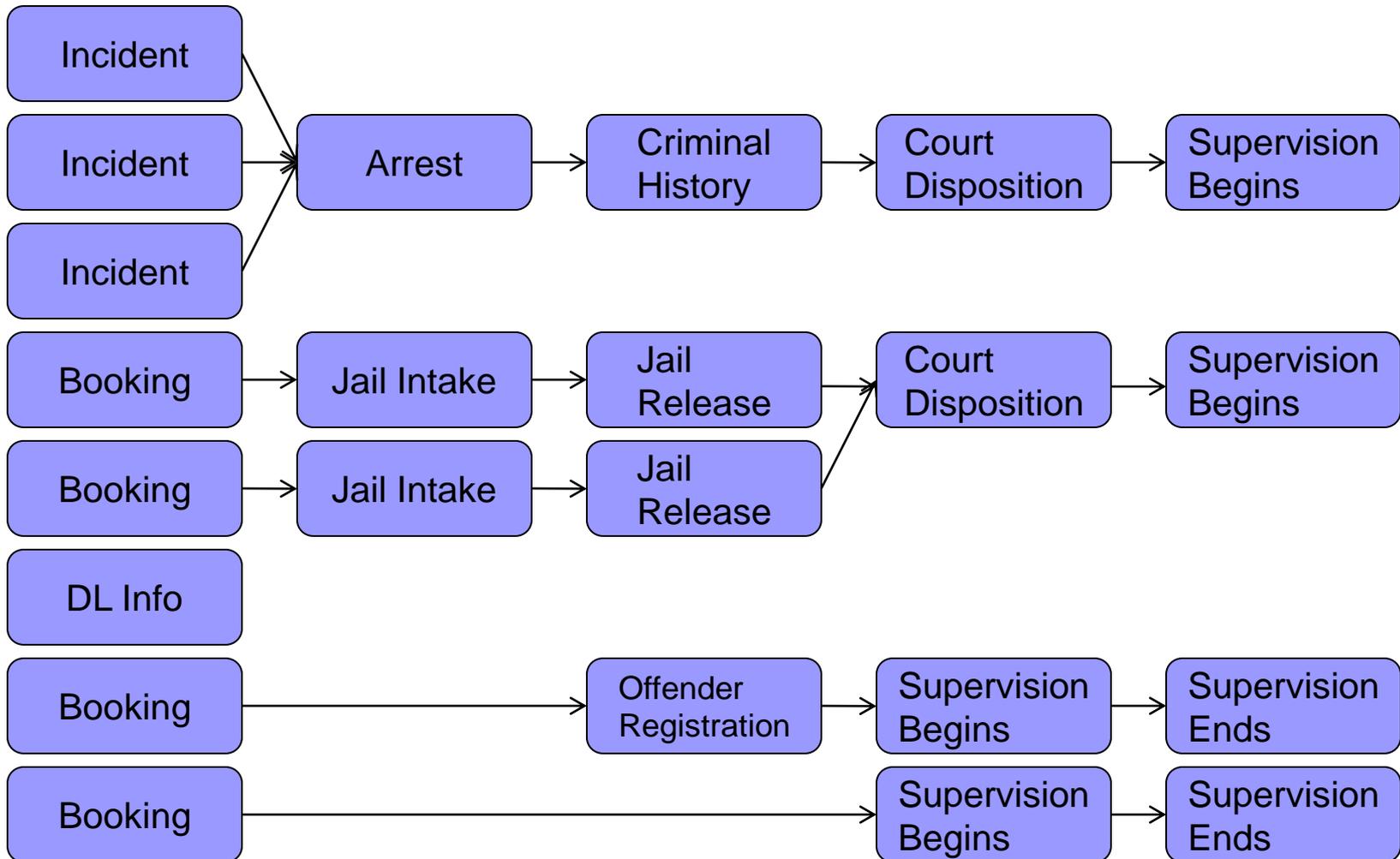
Jail
Release

Supervision
Ends

MN
HotFiles

MN
HotFiles

NEIS Indexed Results



Name Event Index Service

- The NEIS index automates the linking of related information
 - The index was created to answers 3 key questions:
 - Who a person is?
 - What a person has done?
 - Where they currently are at in the system?
- The NEIS service is behind the scene; available via ISS

NEIS Source Systems

- CIBRS
- Bio Id
- CCH
- POR
- eCharging (St Louis Co)
- Underdevelopment
 - eCharging
 - MNCIS
- Future
 - Warrants
 - Missing persons
 - S3
 - MRAP
 - Citations

MNCIS Events

- Case Details
- Case Initiation
- Charges
- Court Decisions
- Custody Release Order
- Disposition
- Hearing
- Interim Conditions
- Juvenile Interim Placement
- No Contact Order
- Other Agency X ref
- Probation Order
- Subject Party Changes
- Transport
- Warrant

eCharging Events

- Approvals of various roles
 - Signed by the Judge
- Assignments
 - Assigned to Law Enforcement
- External Interface processing
 - Getting a court case number from MNCIS
 - Sending a form to DVS

Prototype

BCA ISS / NEIS Application (Prototype) - Internet Explorer, optimized for Bing and MSN

http://localhost:7001/neis/results.seam?cid=58&actionMethod=results.xhtml%3Asearch.clear

File Edit View Favorites Tools Help

BCA ISS / NEIS Application (Prototype)

Choose Person(s)

Name Last First Middle **EXACT** Search Type

Birth Date (MM/DD/YYYY or YYYYMMDD)

[Provide Feedback](#)

1 Person Records Found.

Person 1: LOC (30)

Details		Last Name	First Name	Middle Name	Nick Name	Birth Date	Gender
<input type="button" value="Events"/>	<input type="button" value="All Names"/>	KALIS	DAVIS	ALLAN		1950-03-07	M
Ethnicity	Race	Eye	Hair	Weight	Height	Minor	Juv
	W	BRO	BRO	190	69		false
Driver License	State ID	FBI ID	SSN	POR ID	Booking ID	National ID	Prison ID
K420135051174	MN01011797	740069RB0	468629316		907010204254,952010002236,952010505900		

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Local intranet 100%

Prototype

BCA ISS / NEIS Application (Prototype) - Internet Explorer, optimized for Bing and MSN

http://localhost:7001/neis/results.seam?cid=5

File Edit View Favorites Tools Help

BCA ISS / NEIS Application (Prototype)

Choose Person(s)

Name **EXACT**
 Last First Middle Search Type

Birth Date
 (MM/DD/YYYY or YYYYMMDD)

1 Person Records Found.

Person 1: LOC (30)

Details		Last Name	First Name	Middle Name	Nick Name	Birth Date	Gender
<input type="button" value="Hide Events"/>	<input type="button" value="Hide Names"/>	KALIS	DAVIS	ALLAN		1950-03-07	M
Last Name	First Name	Middle Name	Suffix	Prefix			
Ethnicity	Race	Eye	Hair	Weight	Height	Minor	Juv
	W	BRO	BRO	190	69		false
Driver License	State ID	FBI ID	SSN	POR ID	Booking ID	National ID	Prison ID
K420135051174	MN01011797	740069RB0	468629316		907010204254,952010002236,952010505900		

Person 1: Events

Chain	Type	Date	Source	Activity ID	Controlling ORI	Controlling Event	Case Nbr
1	BOOKING	2001-04-27	CCH	952010002236	MN0520100	INCIDENT	00002886
1	BOOKING	2002-08-07	CCH	907010204254	MN0070100	INCIDENT	02023710
1	BOOKING	2005-11-30	CCH	952010505900	MN0520100	ARREST	010000893

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Done Local intranet 100%

Prototype

BCA ISS / NEIS Application (Prototype) - Internet Explorer, optimized for Bing and MSN

http://localhost:7001/neis/detailxml.seam?cid=5

File Edit View Favorites Tools Help

BCA ISS / NEIS Application (Prototype)

Choose Person(s)

[Back to Results](#)

POR Detail Search

Do not search, detain, or arrest solely on these records. Information is for Law Enforcement purposes only.

Some or all of this information is supplied by the Offender and is *not* guaranteed for accuracy.

These records are classified as private or confidential. Do not disseminate to individuals or agencies not authorized to receive this information under the Minnesota Government Data Practices Act. Access to this site is monitored.

BLOKA NMN KAMBON

Male, Black
 Birth Date: 04/14/1955
 Offender ID 2002POR012616

Other Names

Type	Last Name	First Name	Middle Name	Suffix	Other Birth Dates
Alias	Bloka	Kambon			04/04/1955
Alias	Martin	Delmar	Devon		04/15/1955
Alias	Martin	Delmer	Devon		04/18/1955
Alias	Smith	Delmar	Devon		

Registration Information

Offender ID	Registration Begin Date	Registration End Date	Registration End Date Reason	Status	Risk Level
2002POR012616			10 Years from Last Release from Incarceration	Compliant	3

Personal Information

SSN	FBI #	SID #	OID #	Driver License #	Driver License State
475-70-0692	927915K1	MN00238443	104426	K-515-092-015-290	MN

Physical Characteristics

Gender	Race	Ethnicity	Weight	Height	Hair Color	Eye Color
Male	Black	Non-Hispanic	200 pounds	6'0"	Black	Brown

[-top of page-](#)

Employment History

Type	Sub Type	Begin Date	Street Line 1	City/Town	County	State	Zip Code	Comments
PRIMARY	RESIDENCE	10/15/2007	3350 LOGAN AVE N	MINNEAPOLIS	HENNEPIN	MN	55412	
EMPLOYMENT		10/16/2007	890 ARCADE ST	SAINT PAUL	RAMSEY	MN	55106	LITTLE CAESARS PartTime
EMPLOYMENT		10/16/2007	1185 CONCORD ST N	SOUTH SAINT PAUL	DAKOTA	MN	55075	A-MARKETING PartTime

Done Local intranet 100%

How Should We Show Events?

■ Gantt Chart

- Each event chain is a project
- Can break each chain into a phase
- Each phase breaks down into an event
- Each phase and events has links to source system details

Transforming events from NEIS to ISS

NEIS Events

- Incident assigned to prosecution authority
- Prosecution Charging Decision set
- Signed by Law Enforcement
- Rejected by Law Enforcement
- Sent to Court
- Modified by a judge
- Signed by a judge
- Citation

ISS Events

- Prosecution: Case Assigned
- Complaint: Case Pursued
- Complaint: Charges Drafted
- Complaint: Attested by Law Enforcement
- Complaint: Rejected by Law Enforcement
- Complaint: Assigned to Court
- Complaint: Modified by Judge
- Complaint: Signed by Judge
- Citation: Charged

Event Chain as a GANTT chart

Enter exact name and birth date information:

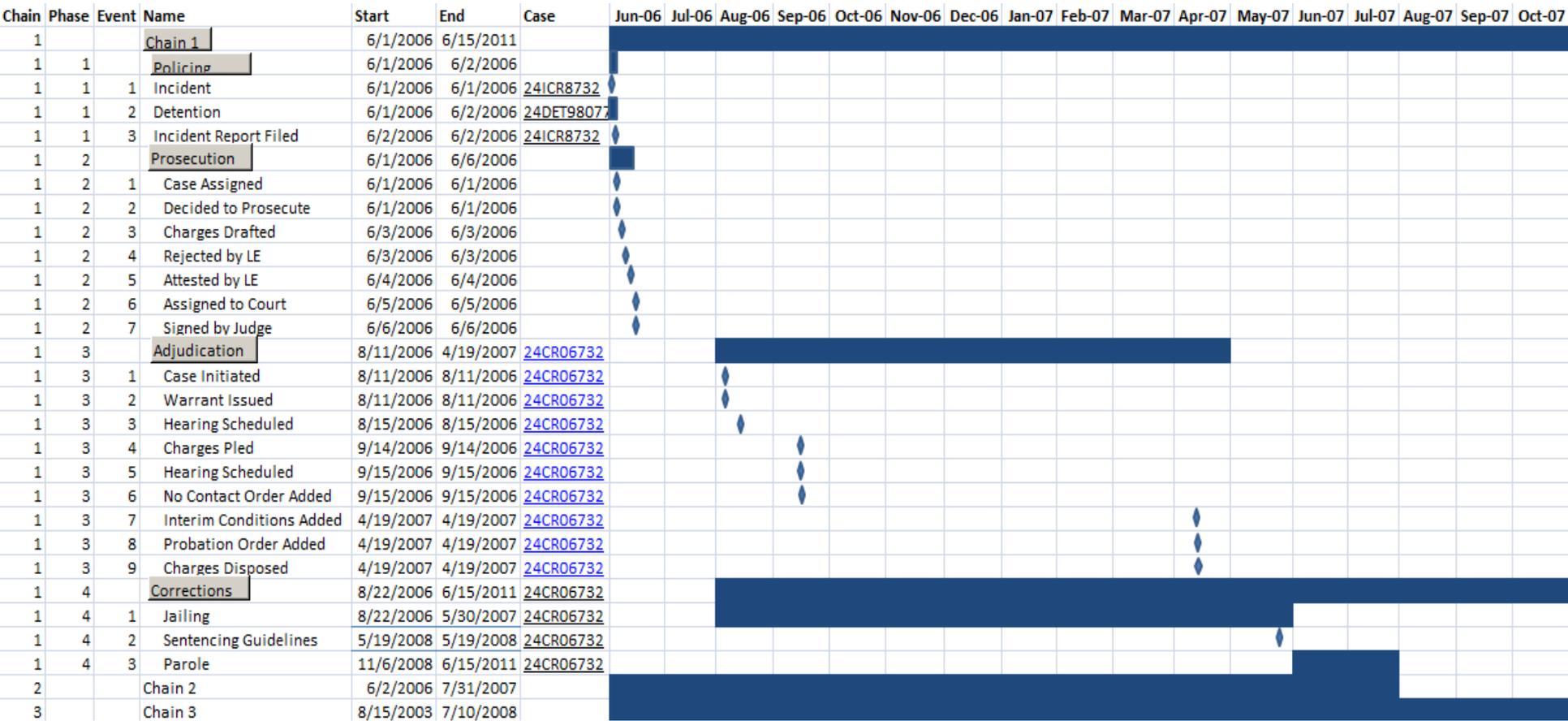
Put in name and date of birth and hit 'Search'. You get 3 event chains for this person.

ID	Event Chains	Start	Finish	2006					2007				2008				2009				2010				2011	
				Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
1	Chain 1	6/1/2006	6/15/2011	◆																						
2	Chain 2	6/2/2006	7/31/2007	◆																						
3	Chain 3	8/15/2003	7/10/2008	◆																						

Click on Event Chain #1 and you get the 4 phases in Event Chain #1

ID	Task Name	Start	Finish	Q2 06		Q3 06		Q4 06			Q1 07			Q2 07		Q3 07			Q4 07			Q1 08			Q2 08		
				May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
1	Policing	6/1/2006	6/2/2006	◆																							
2	Prosecution	6/1/2006	6/6/2006	◆																							
3	Adjudication	8/11/2006	4/19/2007	◆																							
4	Corrections	8/22/2006	6/15/2011	◆																							

Gantt Chart Concept



Requesting ISS

- MNJIS Catalog of Services at

<https://sps.x.state.mn.us/sites/bcaservicecatalog/default.aspx>

- Desktop ISS Query Service Description

- Request ISS

- Agency – Complete the form on Catalog of Services

- Staff – Agency ISS Administrator handles requests for access at agencies

Questions?



Thank you!

For More Information:

Kari.Schuch@state.mn.us

Gary.Link@state.mn.us

www.bca.state.mn.us



IT Consolidation

October 17, 2012

Dana Gotz

BCA Master Control Agreement

- BCA is State Criminal Justice Agency
- BCA/MN.IT Master Control Agreement (June 2012)
- BCA Must Retain Management Control & Authority:
 - Systems
 - Policies
 - Personnel
 - Priorities
 - Security

Next Steps for BCA/MNJIS

- Administrative Transfer of IT Employees (September 2012)
- MNJIS Organization – Minimal Changes in Day-to-Day Work
- MN.IT 2-Year Tactical Plan to Centralize Specific IT Services

Questions?
Thank you!

For More Information:

Dana Gotz

dana.gotz@state.mn.us

bca.dps.mn.gov



Break



A decorative graphic on the left side of the slide, consisting of a grid of overlapping squares in various shades of blue and purple, creating a stepped effect.

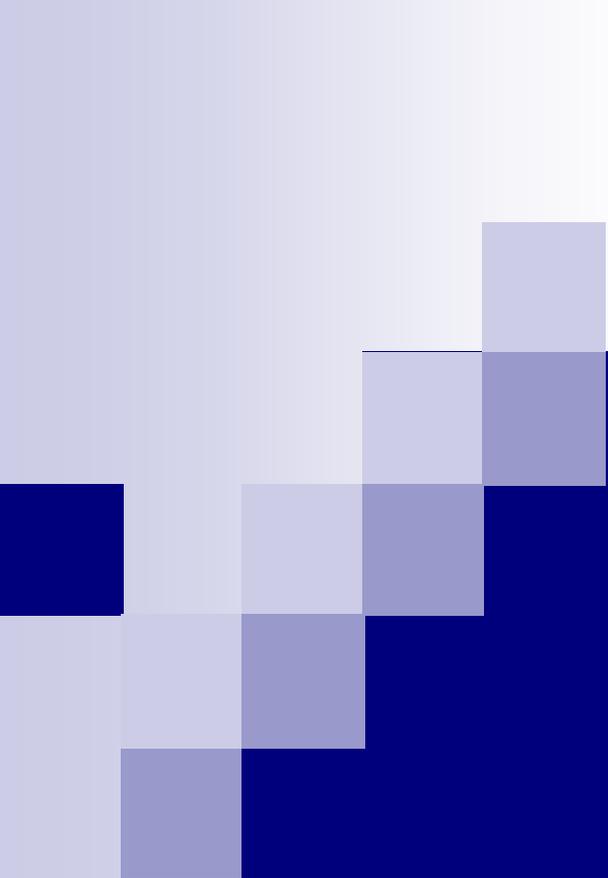
Criminal Justice Reporting System Replacement Analysis

October 17, 2012

Sara Bechel Hutton, Project Manager

Agenda

- FBI Uniform Crime Reporting (UCR) Program
- FBI UCR Program Implemented in MN
- Criminal Justice Reporting System (CJRS) & Project Goals
- FBI Reporting Methods
- CJRS Replacement Recommendation
 - Reporting Method
 - Proposed Solution



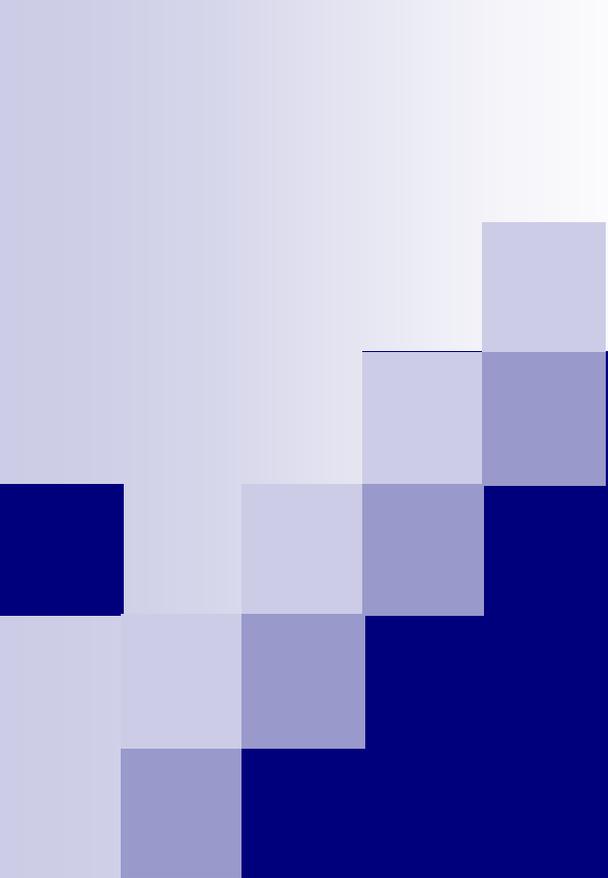
FBI Uniform Crime Reporting (UCR) Program

FBI UCR Program

- 1920's
 - National crime statistics federally recognized
- 1930
 - UCR Program initiated and developed
 - FBI named national clearinghouse

Provide accurate & reliable crime statistics to:

- Law Enforcement
- American Public
- Others



FBI UCR Program Implemented in Minnesota

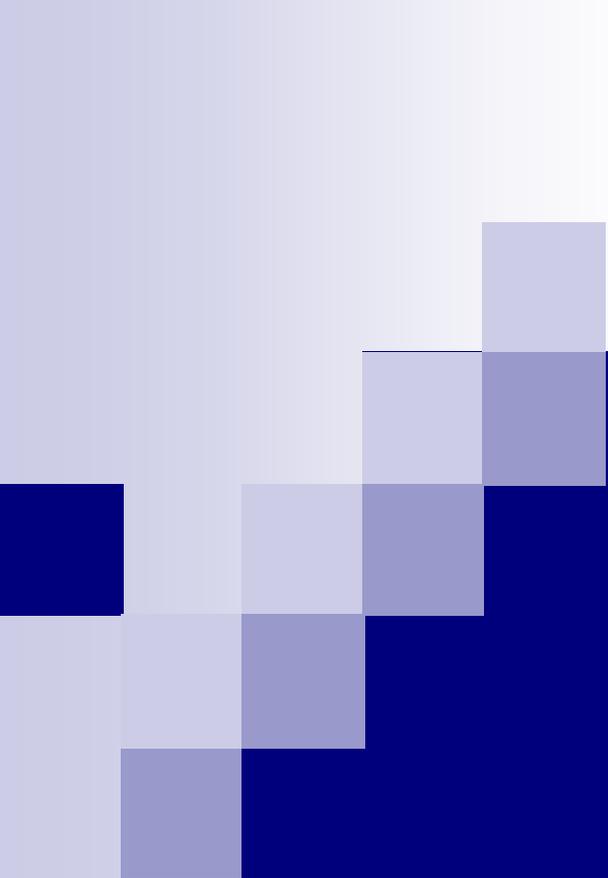
UCR Program & CJRS

- Since 1936
 - MN has participated in FBI UCR Program
- 1972
 - Computerized CJRS implemented
- Today
 - ~90% submit via Records Management System
 - ~10% submit via a User Interface
 - Minneapolis & St. Paul submit via paper

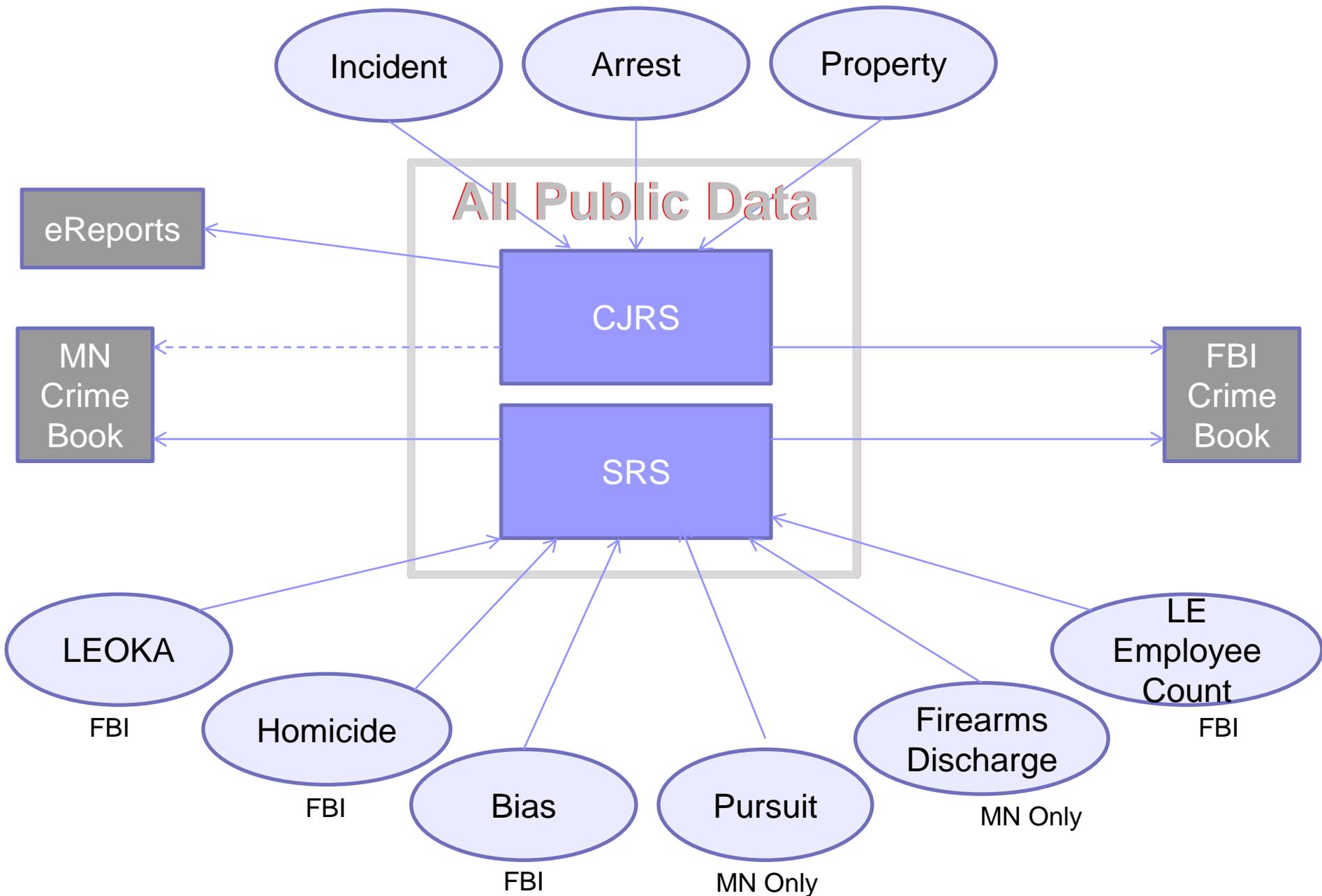
Statutory Requirements

■ State Requirements

- Mandatory for MN law enforcement agencies to submit crime statistics data to the BCA
(MN §299C.06 and §299C.12)
- Mandatory for the BCA to send the State crime statistics to the FBI
(MN §299C.05)



Criminal Justice Reporting System (CJRS)



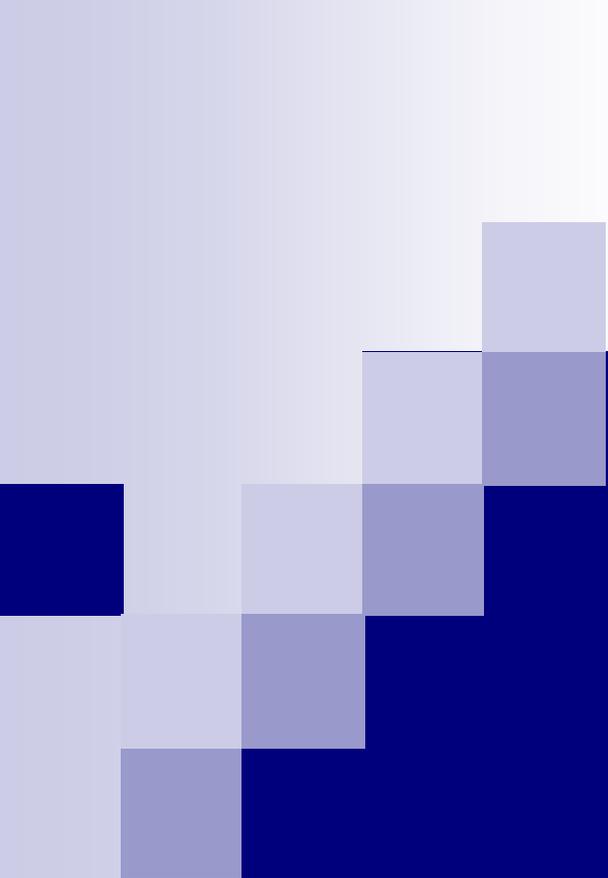
Business Requirements

- Easy to maintain and modifiable
- Easy to fulfill data requests
- More timely crime statistics
- Electronic submission by all agencies
- More detailed reporting – move from Summary Reporting to National Incident Based Reporting

Goals

- Conduct high-level analysis to:
 - Identify requirements for replacing CJRS
 - Determine how MN will report to the FBI

- Provide recommendation
 - Reporting Method
 - Proposed Solution



FBI Reporting Methods

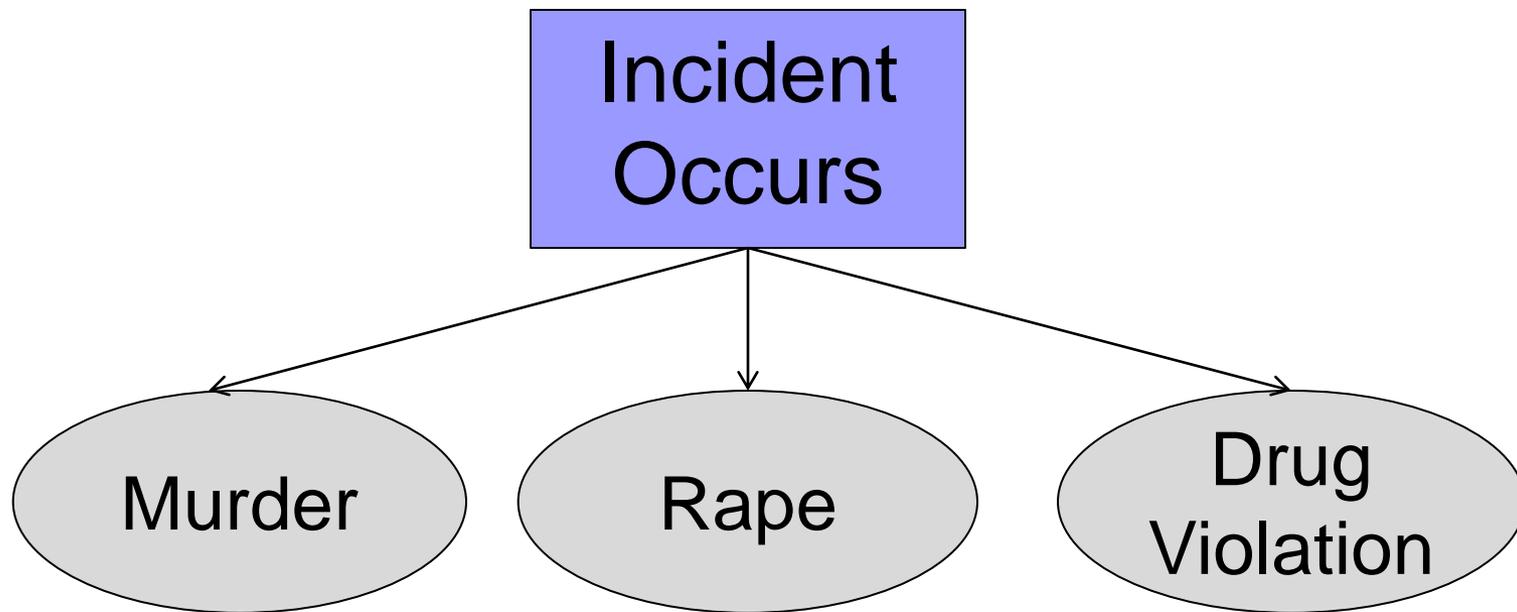
Methods for Reporting Crime Data to the FBI

1. Summary Method

- a. Only most serious crime of each incident reported

2. National Incident Based Reporting (NIBRS) Method

- a. All crimes for each incident (up to 10)



Summary:
Just Murder
Reported

NIBRS:
All 3 (up to 10)
Reported

Methods for Reporting Crime Data to the FBI

1. Summary Method

- a. Only most serious crime of each incident reported
- b. Summarized data

2. National Incident Based Reporting (NIBRS) Method

- a. All crimes for each incident (up to 10)
- b. Incident level data

Example:

Summary versus NIBRS Reporting

How many rapes involving young adults, ages 18-24, occurred in 2010?

Summary

How many rapes involving young adults, ages 18-24, occurred in 2010?

Cannot

Answer Today

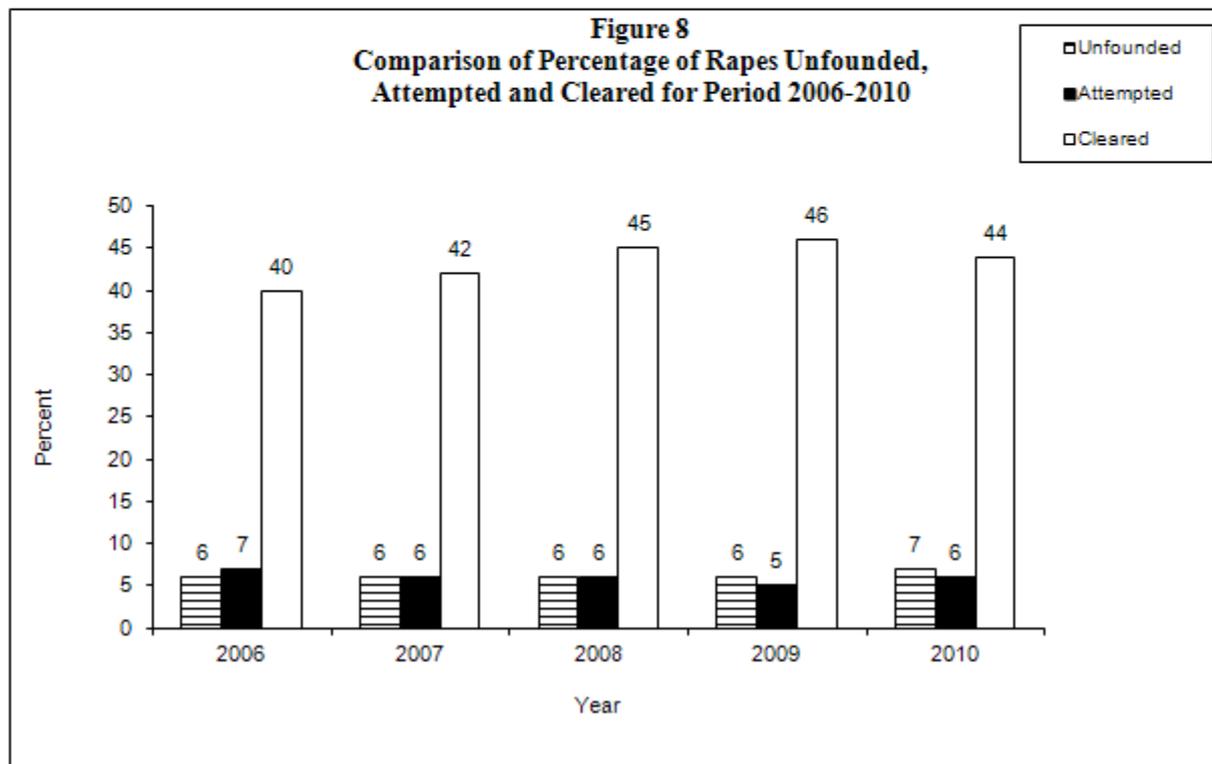
FORCIBLE RAPES - INCLUDING ATTEMPTS

Forcible rape is the carnal knowledge of a female using force and committed against her will. Uniform Crime Reporting needs require rape to be divided into two categories: (1) Rape by force, and (2) Attempted rape. Statutory rape and other sex offenses are excluded from this category. Though UCR only collects information about female victims, Minnesota includes male victims as well. All figures presented will include both male and female victims.

SUMMARY ANALYSIS

- For the 2,400 rapes reported in 2010, 170 were listed as unfounded.

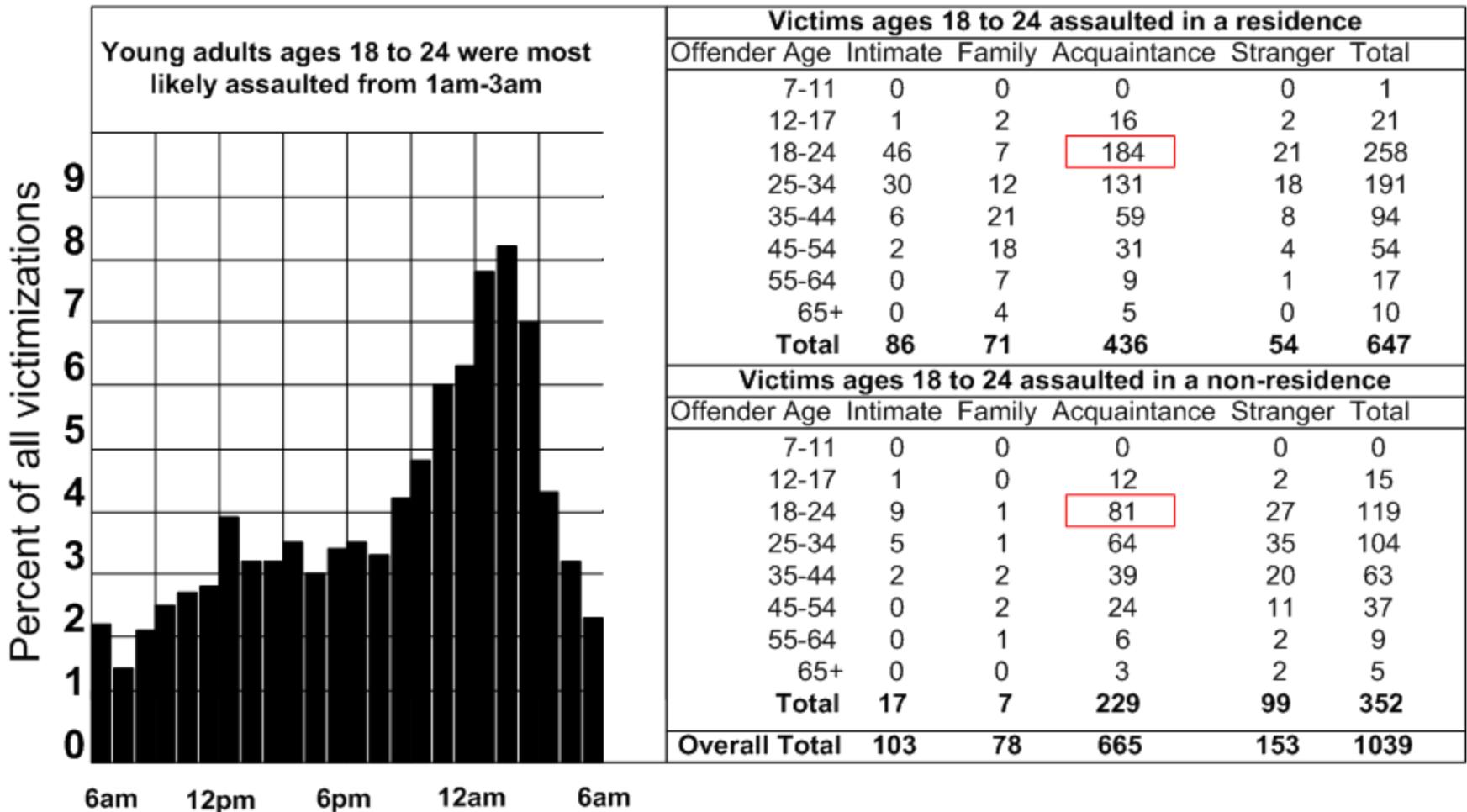
- Of the 2,230 reported actual rapes that occurred in Minnesota in 2010, 2,095 were by force while 135 were recorded as attempted rapes.
- Of the total rapes occurring in 2010, 988 or 44 percent were cleared by arrest. Of this total, 97 were cleared with the arrest of a juvenile.*
- The crime rate for rape in 2010 represented 42 per 100,000 populations.
- The total number of rapes in 2010 represented 18 percent of the total violent crimes with 6 averaged per day.



How many rapes involving young adults, ages 18-24, occurred in 2010?

265

Violent sexual assaults involving young adults ages 18 to 24 years

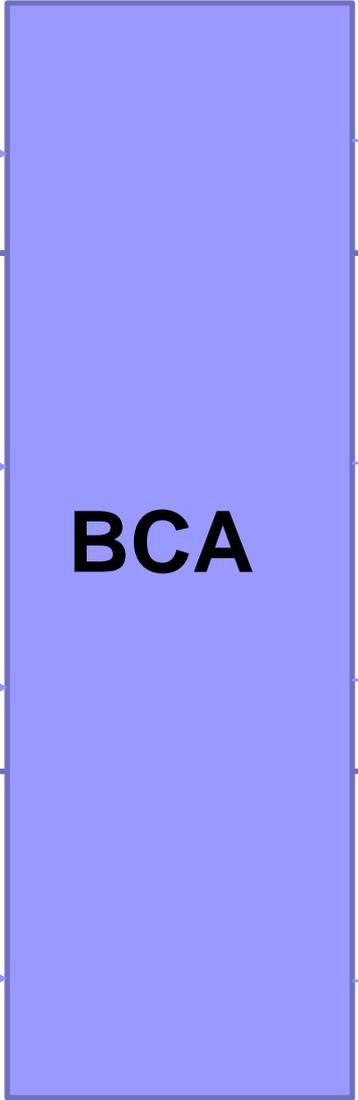


CJRS Replacement Submission Options

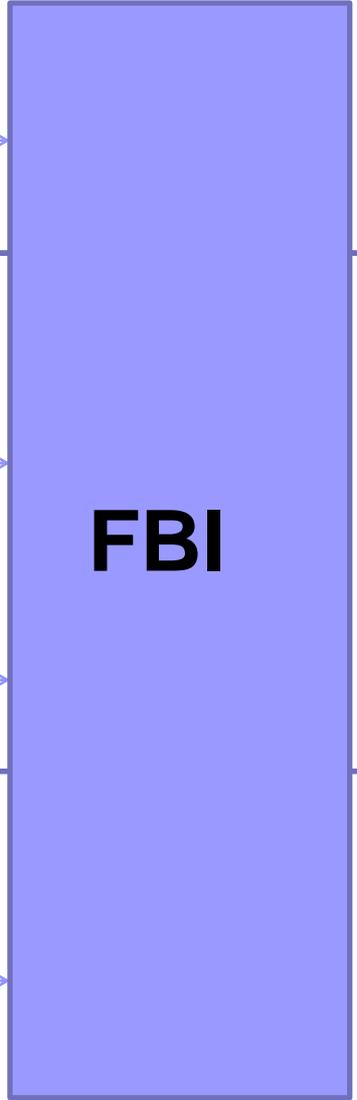
15 States

Option 1:
Full NIBRS FBI Submission

All LE Agencies



NIBRS Incident Level



17 States

Option 3:
Hybrid FBI Submission

Some LE Agencies

AND

Some LE Agencies

NIBRS Incident Level

Summary Level

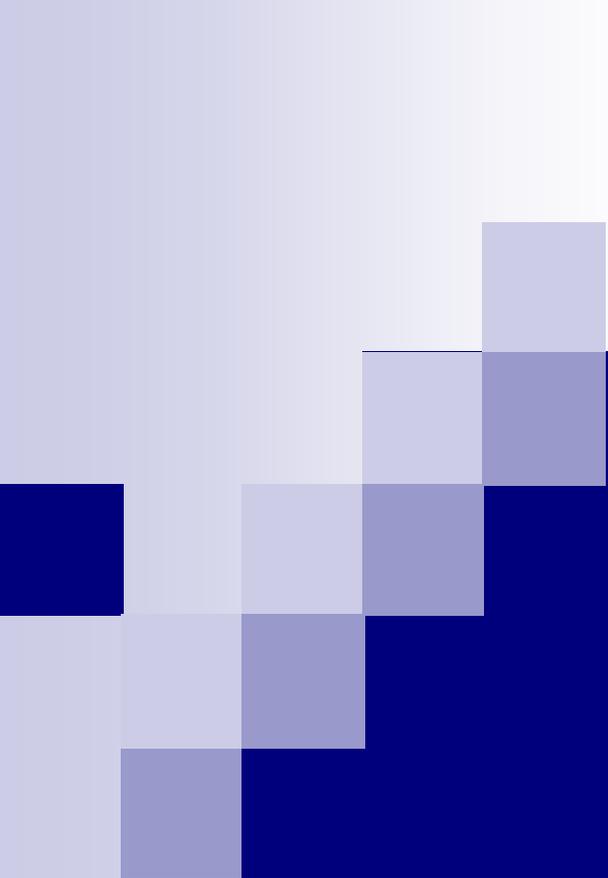
18 States

Option 2:
Summary FBI Submission

All LE Agencies

Summary Level

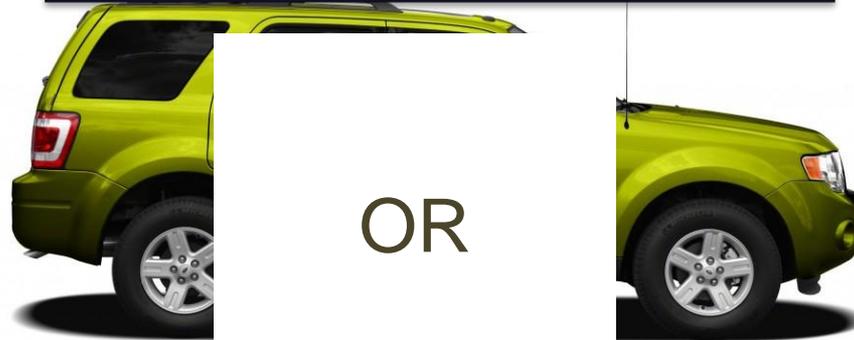
(10 are testing/developing NIBRS)



CJRS Replacement Recommendation

Proposed Reporting Method

Summary Reporting

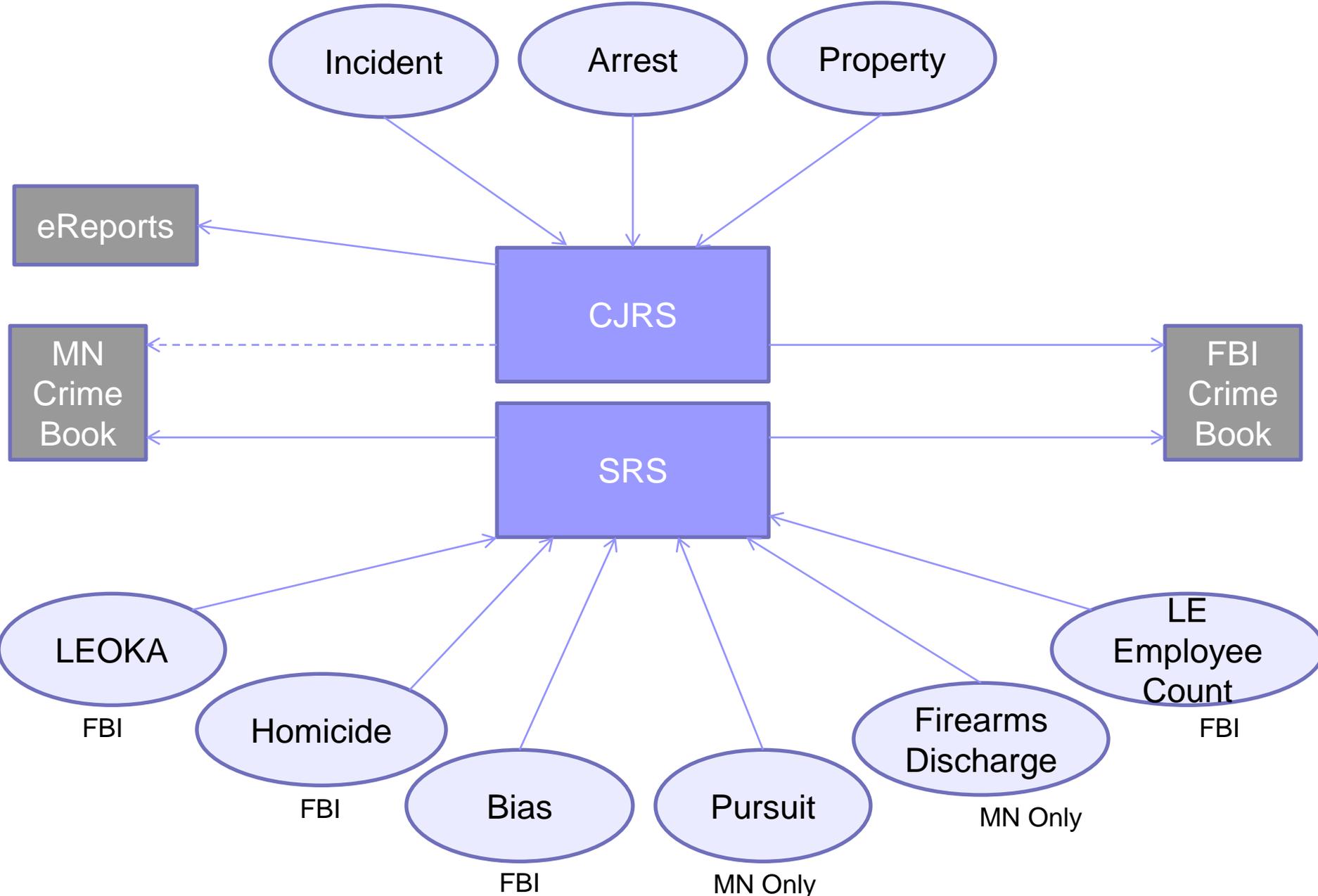


Deadline

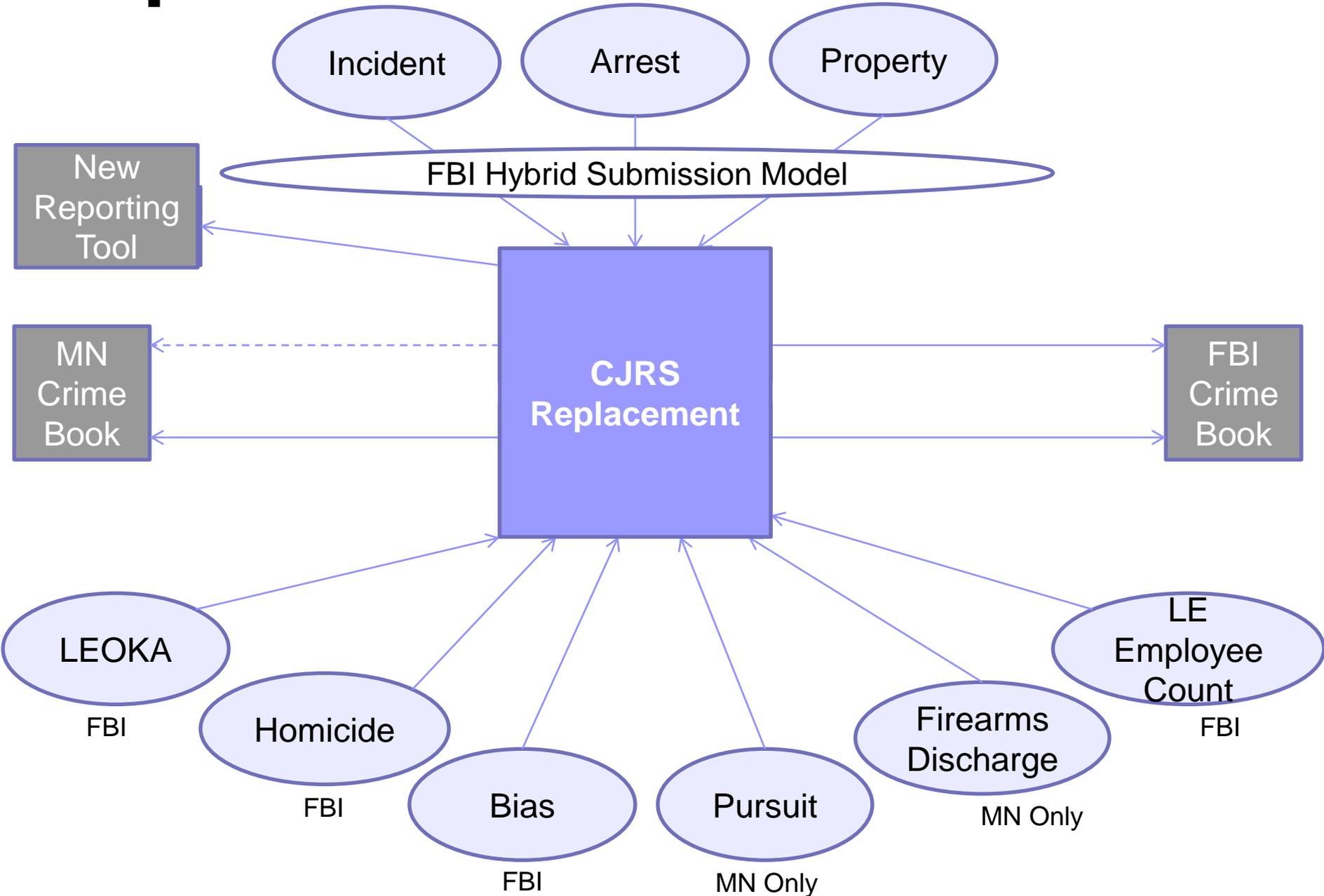
TBD

NIBRS Reporting

Current Solution



Proposed Solution



Proposed Solution

LE RMS

State
RMS

Possible CJRS Replacement Options:

1. Comprehensive Incident Based Reporting System (CIBRS)
2. Supplemental Reporting System (SRS)
3. New Vendor Application that Integrates with Existing Systems

FBI

Reporting
Tool

MN Crime
Book

Estimated Timeline

2013

2014

2015

2016

2017

2018

2019

2020

Software
Development
Begins

Development &
pilot complete;
Deployment begins

Goal:
Fully
Deployed

Pilot
begins

Agencies progressively transitioning to NIBRS

All
agencies
report
Summary

Goal:
All
agencies
report full
NIBRS

Next Steps

- Legislature in 2013

Questions?

Thank you!

For More Information:

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651.793.2421



Criminal History Replacement Analysis

October 17, 2012

Jerry Olson

Senior Project Manager

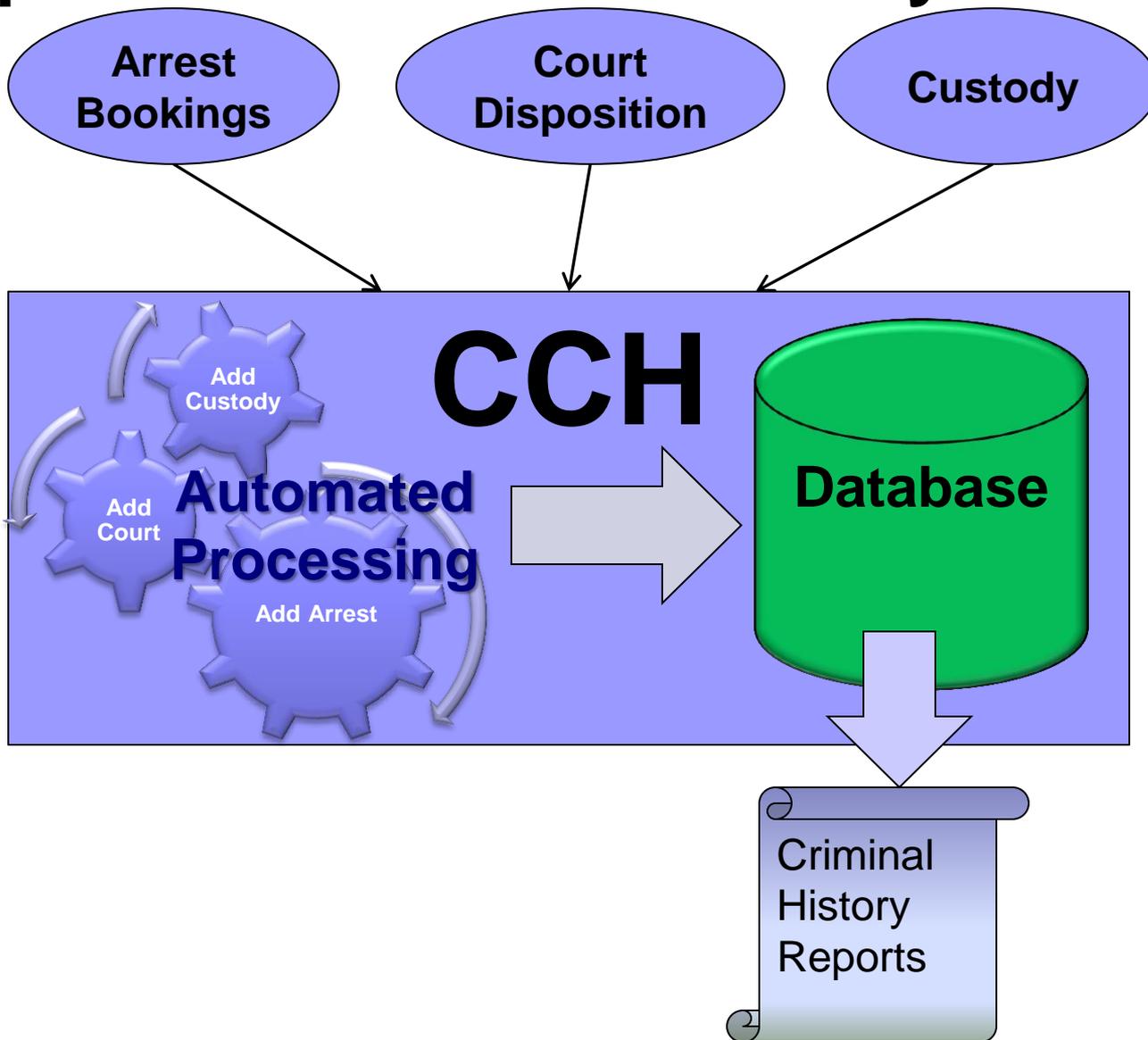
Agenda

- Criminal History System Overview
- Benefits Expected
- Build vs. Buy
- Status & Next Steps

What is CCH?

- Computerized Criminal History
- System for identifying, recording and indexing criminal records in accordance with Minn. Statute 299C.09

Computerized Criminal History



How is Criminal History Data Used?

■ Criminal justice purposes

- Crime investigations
- Presentencing investigations
- Jail/prison housing decisions

■ Non-criminal justice purposes

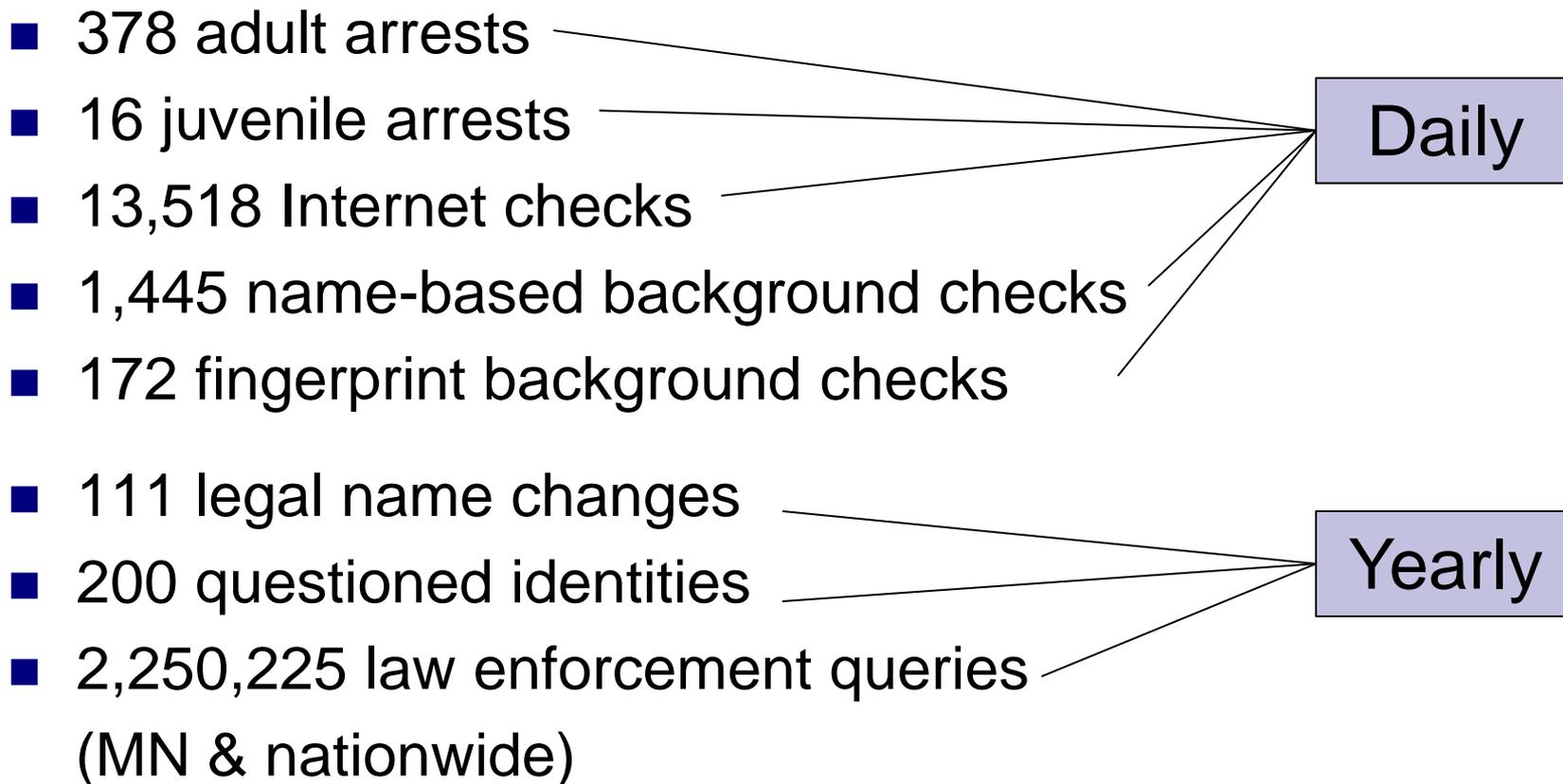
- Employment, Licensing, Housing background checks
- Adoption & child placement checks
- Public background checks on Internet
- Individuals requesting their own data
- Firearms purchases and permits

How Much Data is in the System?

- Over 1,011,000 adults
- Over 51,700 juveniles
- Over 2,304,000 adult arrests
- Over 71,500 juvenile arrests

Breaking Down System Activity

(2011)



Benefits of New System

- Work-based benefits
 - Easier to maintain and update
 - Legislation and business needs changes implemented much faster
 - Reduction in manual processes
 - Ability to integrate with other systems

Benefits of New Criminal History

- Results-based benefits
 - Better data quality
 - More comprehensive criminal history response
 - Improved security controls for data access
 - Criminal history reports easier to read
 - New/improved methods to significantly reduce Suspense (Court dispositions that are not on a record)

Build vs. Buy

- No decision at this time
- We have estimated costs and looked at other state's recent CCH implementations and costs
- We have requirements that must be met
 - Flexibility
 - Scalability
 - Fit into MNJIS SOA (not a monolith app)
- Planning to issue RFI

Status & Next Steps

- Developing Legislative Funding Proposal
- Planning for implementation
- Preparing RFI

Questions?

For More Information:

Jerry Olson

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bca.dps.mn.gov





eCharging - Project Update

Vendor Conference

October 17, 2012

Tom Miller, eCharging Project Manager, BCA

Topics

- Overview of eCharging
- Project Status
- Next Steps

eCharging is...

- Electronic data passage
 - Incident to prosecutor
 - Prosecutor to court
 - Law enforcement to court (citations)
 - Law enforcement to DVS (DWI)
- Electronic workflow
 - Signatures
 - Workflow management
 - Monitoring
- Criminal Justice Data Integration
- Live in 42 counties in Minnesota – 37k+ complaints and 290k+ citations successfully submitted to court to date

eCharging Goals

- Save time (re-entry, travel, waiting)
- Increase data accuracy and consistency
- Enable workflow management and visibility to charging documents and DWI forms
- Improve data integration
- Improve Public Safety

System connectivity - RMS

- Adapter = connection between local systems and BCA
- Law Enforcement System Adapter
 - Necessary for incident referral
 - CIS, LETG currently submitting
 - ProPhoenix adapter in pilot
 - Tac 10, New World, CJIIN adapters in development
 - In discussions with others

System connectivity - CMS

- Prosecutor system Adapter
 - Optionally can use eCharging web site
 - Necessary for Complaint and charging decision submission in high volume agencies
 - MCAPS, Damion Prosecutor, Lens, Compleat Prosecutor, Practice Manager currently submitting
 - Legal Edge in progress
 - Others in discussion

System connectivity - Citation

■ Citation system Adapter

- Necessary for submission of citations to Court
- Damion Shield, APS, LETG, Brazos, CIS currently submitting
- ProPhoenix in Pilot
- Tiburon, CJIIN in progress
- Others in discussion

Highlights in past year

- Hennepin County cities
- Dakota County cities
- Over 900 DWIs processed per month, doubled since beginning of year. Almost half of DWIs in the state.

Technical points

- Submissions are web service calls
- Schema must be MCJE 3.3.5
- Binary attachments supported for incident reports
- Validation rules!!!
 - Mapping to enumerated values
 - Statutes, statutes, statutes
 - Relaying error messages to users and allowing resubmissions
 - Possible new UI fields needed to comply
- Can receive data as well
 - Court file numbers
 - Charging decision
 - PDF of complaint

Vendors should know

- New features will continue to come available
- Funding for adapters potentially available. Application needs to come from local agency.
- Interested in additional adapters and agencies. Contact the BCA for more info.

Next Steps for eCharging

- Additional complaint/referral Counties
 - Additional Metro cities (Dakota cities, St. Paul)
 - Additional greater Minnesota deployments (McLeod, Steele, etc.)
- Additional Adapters
- Citation deployments
 - Switchover from court schema submissions
 - New counties
- Additional development
 - NEIS fingerprint status lookups
 - Push Notifications

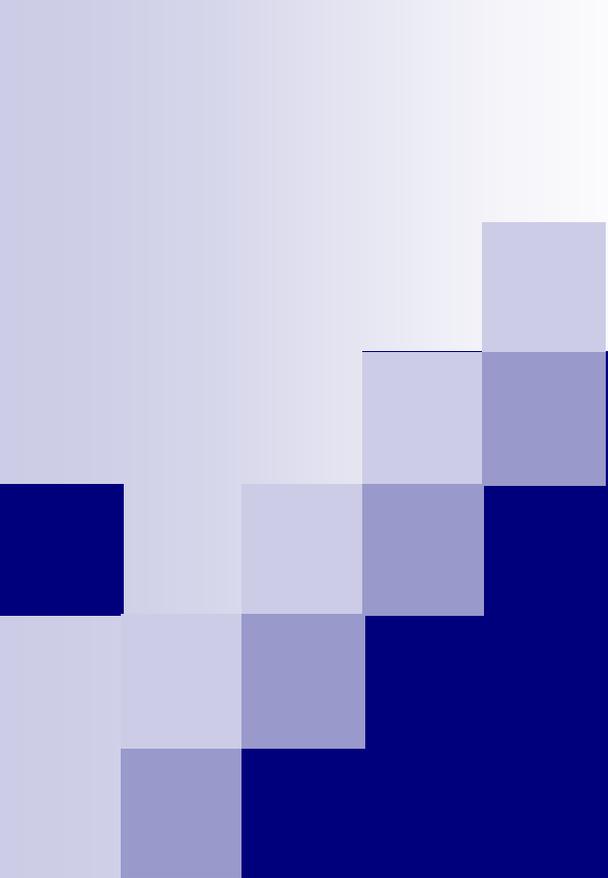


Thank You

Questions Regarding eCharging:

- Tom Miller, Project Manager

Phone: 651-793-2707 email: Thomas.C.Miller@state.mn.us



New Statute Service

Paul Schoen
Project Manager

Questions?

Next Vendor Conference

Wednesday, April 10, 2013

9 a.m. – 11:30 a.m.

Bureau of Criminal Apprehension

Thank you!

For More Information:

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