MSC Use Cases

Use Case #: RPT10 – “Case Name Search”

Working Session: August 2, 2023

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10.0 Use Case Background:

10.1 Business Case (RPT10) - Case Name Search:

RPT10 - Case Name Search

10.2 Use Case Context:

This proposed Case Name Search use case would replace the following two systems by consolidating their functionalities and introducing new features to improve user experiences and data security. This use case will be divided into two separate phases for our two user categories: Secured and Public.

The JDW's Name Search Application (NSA) is a critical component of the state's judicial infrastructure, providing judges, court administrators, probation officers, and others with near real-time secure access to case information. It serves as a comprehensive statewide search platform that allows authorized users to access relevant case details from the centralized JDW. It contains cases from nearly every trial court in Michigan, but due to limited ability to provision users and the presence of PII, the NSA is not available to the public.

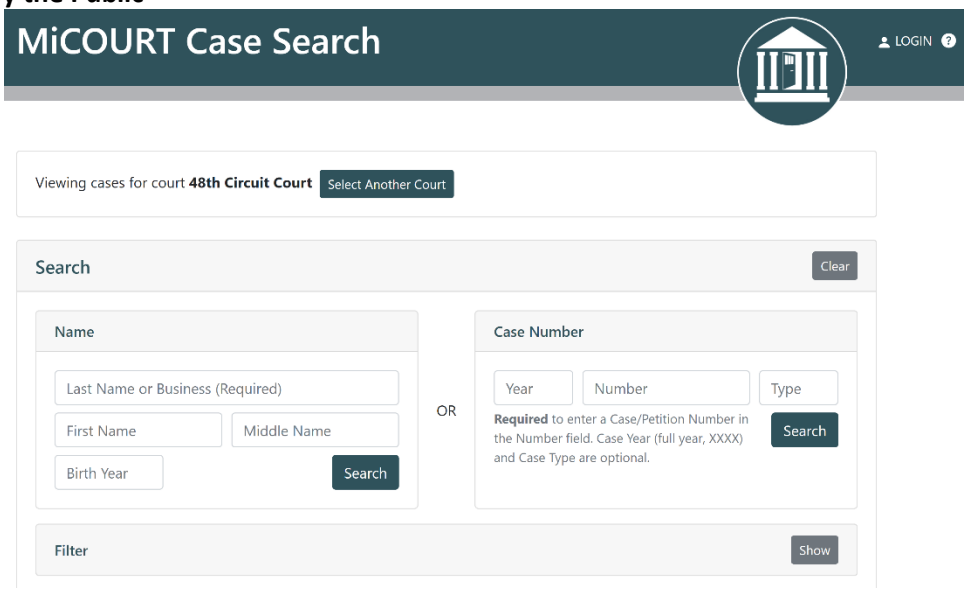
A separate system is available to the public and authorized background checkers. For example, the MiCOURT Case Search application allows the public and authorized background checkers to search JIS case management systems by name or case number. Background checkers are authorized to see the defendant's date of birth to confirm they have the right person. The system requires searches to be done for only one court at a time, which may be due to the lack of a centralized data lake for JIS courts. The largest circuit courts in Michigan, including Wayne, Kent, Macomb, Ingham, and Washtenaw counties use a non-JIS case management system and provide their own case public case search systems. Eventually, all courts will use a JIS-supported case management system. In the meantime, the new D & A Platform should ingest data from both JIS and non-JIS systems.

- The MiCOURT Case Search application is a web, cloud-based application. It currently has 187 different court locations that are searchable by full or partial name and case number. Background check users have an additional search that renders exact match results to the name and date of birth (DOB). The data is retrieved from a SQL database that is synced to the AS400/iSeries databases for courts using the JIS case management systems. We have Captcha in place as a layer of security to prevent bad actors and bots from scraping the site or using the data illegally. The background check users do have a log in to access their search screens.

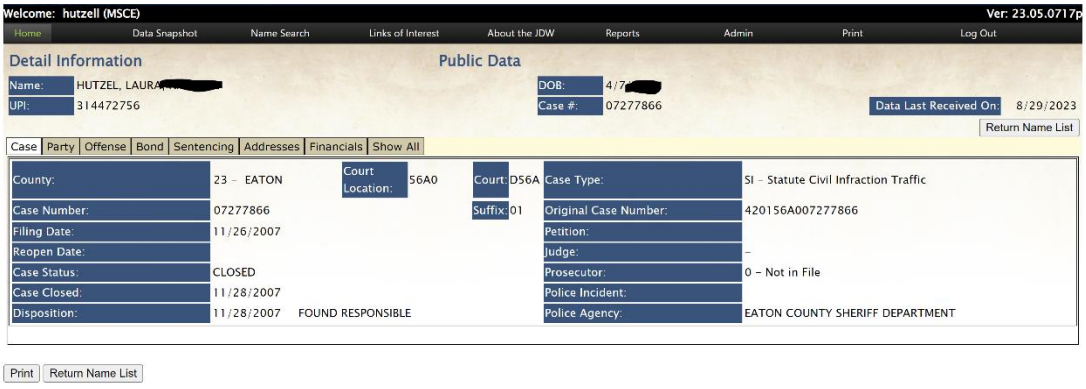
JDW-NSA Search Screen for Authorized Users:



Partial Search by the Public



Sample Search Result in the JDW



10.3 Benefits and Potential Gains:

Without a centralized data lake and extensive security controls, SCAO has developed and maintains two separate name search applications. By consolidating these in the new system, SCAO would eliminate

redundancies and allow the public and background checkers to conduct searches for all courts at one time. By using a new D&A Platform, users could filter results to those cases of greatest interest. With a cloud-based solution, SCAO could eliminate the token process for users outside the state's firewall.

- Statewide search capability, replacing the need to search through multiple separate court websites.
- Dynamic information display based on user privileges and filtering options.
- Personalization of search options for individual users.
- Automation of user access request processes, reducing manual interventions.
- Eliminate token maintenance.
- With federated login, SCAO gains the ability to see the searches conducted by the public.

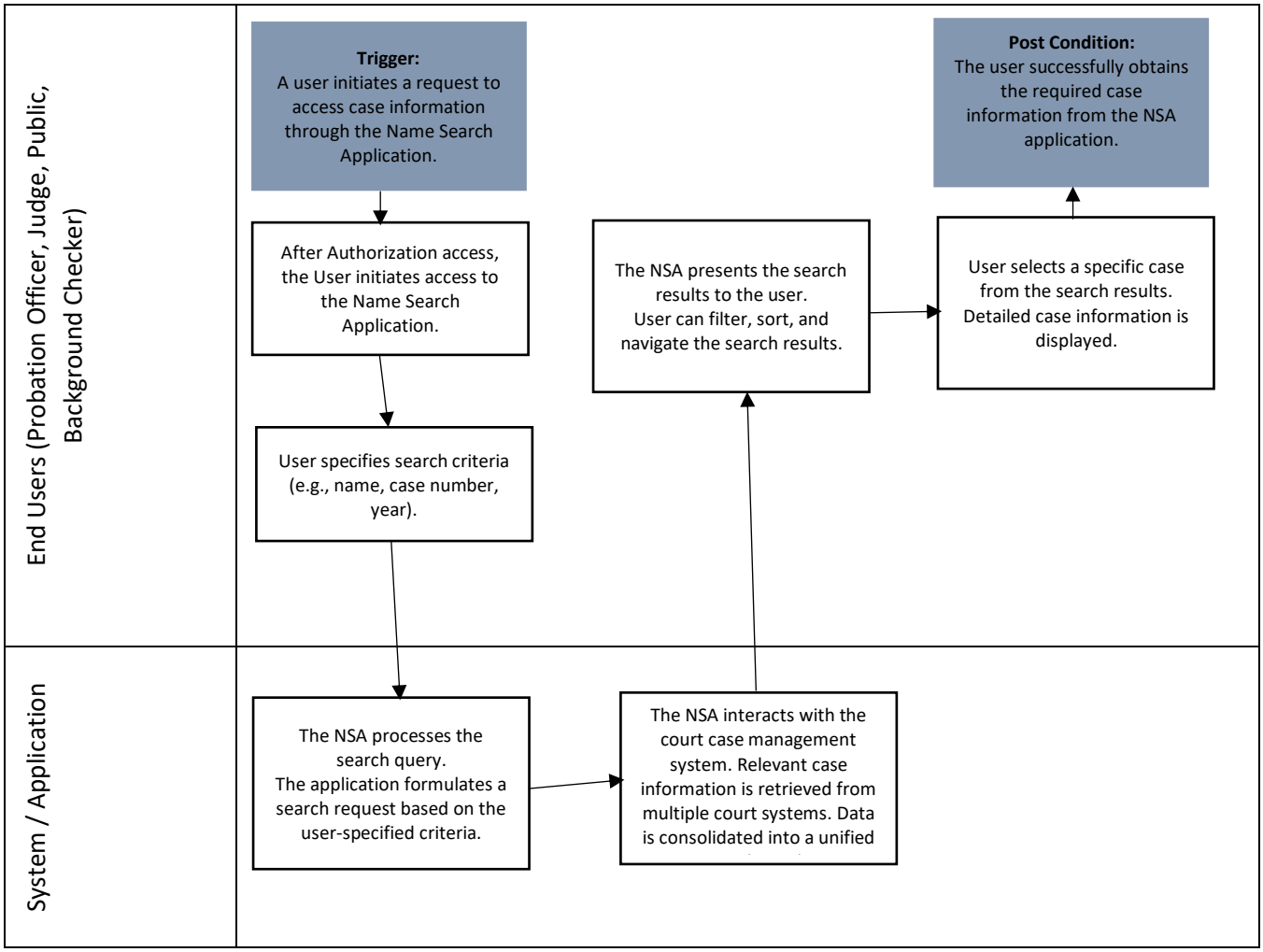
10.4 Use Case Detail and Process Flow:

RPT10 - Case Name Search	
Objective	To provide a one-stop shop for searching all court data across the state, dynamically provide information based on user privileges, and allow users to personalize their search options. Automate the user access request and approval process. Two user categories: Secured and Public.
Primary Actor	• Probation Officers • Judges or Court Staff • Member of the Public • Background Checkers
Pre-Conditions	• Case data has been loaded into the new D&A Platform. • Set Aside/Juvenile Diversions (if present) are indicated as such and restricted. • Certain users have requested and been approved by SCAO to have advanced access in the new system. • Appropriate D&A Platform access and data access have been defined and provisioned for various persona. The public may need to use federated login. • Reports for each persona have been defined and configured in the D&A Platform. • Auditing and security reports have been defined and configured to give SCAO the ability to view all searches conducted by each IP address. SCAO should be able to whitelist or blacklist any IP address or user.
Trigger Event	A probation officer is preparing a presentence investigation report and needs to conduct a name search in the D&A Platform to find the defendant's court history.
User Story	1. A probation officer logs into the new name search application. 2. They see the terms of use to discourage inappropriate use of the data, including warnings of civil or criminal penalties. 3. Using a drop down or pick list, the user identifies the reason for their current search. The system captures that reason and filters the search results for that purpose. Some cases and some data elements may not display. 4. They see an intuitive, user-friendly search engine screen. 5. They enter a name, a misspelled name, a partial name, an alias, a nickname, a case number, a driver's license number, or a criminal tracking number into the search fields and submits the query. 6. The search query triggers the system to quickly look up cases from the court case management system in the new D&A Platform. It applies any filters or access controls based on person and reason for the search (only showing Set Aside or Juvenile Diversion data if appropriate), then returns a list of relevant cases. Must respond within 3-5 seconds for any name search with 50 or fewer records. 7. The results flag cases with an active warrant.

	8. The results can be further filtered or sorted by the probation officer, to exclude pending cases or focus only on pending cases. The PO can filter cases of a particular type or time period. Finally, the PO can select multiple UPIs or split apart a system-generated UPI. These user-selections should be used to generate the UPI summary report which includes calculations for the number of cases, number of felony convictions, and number of Failures to Appear (FTA) in court. 9. The probation officer also selects one case from the search results to view more details about that particular case.
Post-Conditions	The probation officer obtains a report with all relevant cases and case information for their pre-sentence investigation report. SCAO can view all searches conducted by the probation officer.
Data Required	• **Data Source** ○ **Court Case Management System:** The primary source of data is the trial courts case management systems. It contains information about court cases, including names, PII, case status, case type, and more. ○ **MDOC:** Data from MDOC shows the legal status and location for defendants associated with MDOC. This is not part of Phase 1, but will need to be incorporated when MDOC data is added. ○ **MDOS** (Michigan Department of State/Secretary of State): Shows addresses, in search results, for the matched individual. This is not part of Phase 1, but will need to be incorporated when MDOS data is added. • **Data Elements** ○ Court ○ Court Location ○ County ○ Region ○ Case Number ○ Case Type ○ Offense Codes for Criminal Cases ○ Filing Date ○ Unique Person Identifier (UPI) ○ Defendant Name and Aliases ○ Defendant Race/Ethnicity, Gender, Age ○ Disposition Method ○ Disposition Date ○ Case Status ○ Sentence Type Imposed ○ Sentence Term Imposed ○ Sentence Date ○ Warrant Status ○ Etc

10.5 RPT10 Process Flow:

RPT10 - Case Name Search


End Users (Probation Officer, Judge, Public, Background Checker)
System / Application
Trigger:
A user initiates a request to access case information through the Name Search Application.
After Authorization access, the User initiates access to the Name Search Application.
User specifies search criteria (e.g., name, case number, year).
The NSA processes the search query.
The application formulates a search request based on the user-specified criteria.
The NSA interacts with the court case management system. Relevant case information is retrieved from multiple court systems. Data is consolidated into a unified
The NSA presents the search results to the user.
User can filter, sort, and navigate the search results.
User selects a specific case from the search results.
Detailed case information is displayed.
Post Condition:
The user successfully obtains the required case information from the NSA application.