

# Sealing of Criminal Court Records

*2022 Update*

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## Introduction

- Based on the current identified scope of the criminal sealing implementation project, OES's Department of Judicial Technology (DJIT) has developed a plan for implementation that includes changes to existing systems along with building a new centralized criminal sealing orchestration service to automate workflows across all OES and non-OES court systems.
- The project is currently on schedule to be completed by July 1, 2025.



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## Progress Highlights

- Project Management
- Analysis
- Architecture & Design
- Requirements Elicitation
- Development & Quality Assurance



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## Project Management

Established a dedicated DJIT Criminal Sealing Project Team.

- 1 Project Manager, 2 Business Analysts, 2 Java Developers, 2 QA Testers, and 1 Solutions Architect.

Established a cadence for frequent and ongoing engagement with OES and VSP stakeholders.

Built project management infrastructure to promote and support Criminal Sealing Project Team documentation and standard methods for communication and collaboration.



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# Analysis

## Criminal Sealing High-Level Workflow Analysis

Completed analysis featuring no exceptional or error conditions for the following three types of sealing: (1) VSP-initiated, (2) court-initiated, and (3) petition-initiated.

## CMS Data Quality Analysis

Performed in-depth data quality analysis for appealed cases from GDC to CC.

Started data quality analysis for appeals cases from J&DR to CC.



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Finalized criminal  
sealing architecture.

Completed design &  
architecture for new  
sealing orchestration  
microservice.

## Architecture & Design

Completed and  
finalized database  
design with OES  
Architecture Board.

Implemented baseline  
framework to support  
sealing workflows.



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## Requirements Elicitation

### GCMS

- Completed 85% for implementing court-initiated sealing for sealing single/multiple case(s).
- Completed 50% for implementing the sealed case search functionality.

### JCMS

- Started requirements elicitation for implementing court-initiated sealing process workflow.

### CCMS

- Started working on high-level process workflow for court-initiated sealing.
- Engaged with VSP CJIS to finalize the high-level workflow for VSP-initiated sealing and define the interfaces required between OES and VSP Criminal Rap Back Information System.



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## Development & Quality Assurance

### GCMS

Started development of single case sealing in GCMS for court-initiated sealing.

Created and reviewed the Quality Assurance Test Strategy plan.

### Orchestration Service

Started development of the orchestration service using mocked interfaces and dependencies.



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## Continuing Work

- Identify the full breadth of requirements for necessary changes to the systems and applications affected by the sealing legislation.
- Build new batch and real-time interfaces for communication with VSP for automating sealing and unsealing workflows.
- Identify and implement mitigation strategies to address challenges as they arise.
- Continue work noted in progress highlights categories.



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## Challenges

- The scope and complexity of the criminal sealing project is increasing as detailed requirements analysis and design progresses.
- New resource onboarding.
  - ⑩ DJIT has not been immune to industry wide staff turnover. New resource onboarding and knowledge transfer has budgetary, team performance, and work capacity effects.
- Analysis of the changes required to the existing interfaces with VSP are yet to begin and could be significant.
  - ⑩ The complexity of the criminal sealing project will not allow for additional electronic interfaces to be added without the need for additional time and funding.
- Any significant substantive changes to the sealing legislation would require additional funds to be appropriated and delay completion of the project.



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# OES Systems Affected by Sealing Project



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<b>GCMS</b> <ul style="list-style-type: none"> <li>Court Initiated Sealing</li> <li>Single/Multiple Case Sealing</li> <li>Validations &amp; Override</li> <li>Search &amp; View Sealed Case</li> <li>Update Sealed Case</li> <li>Void Sealed Case</li> <li>VSP &amp; Petition Sealing</li> <li>QDS Integration</li> <li>Orchestration Service Integration</li> <li>Seal Traffic Infractions (batch)</li> <li>Reports (new &amp; existing)</li> </ul>	<b>JCMS</b> <ul style="list-style-type: none"> <li>Court Initiated Sealing</li> <li>Single Case Sealing</li> <li>Validations &amp; Override</li> <li>Search &amp; View Sealed Case</li> <li>Update Sealed Case</li> <li>Void Sealed Case</li> <li>VSP &amp; Petition Sealing</li> <li>QDS Integration</li> <li>Orchestration Service Integration</li> <li>Seal Traffic Infractions (batch)</li> <li>Reports (new &amp; existing)</li> </ul>	<b>CCMS</b> <ul style="list-style-type: none"> <li>Court Initiated Sealing</li> <li>Single/Multiple Case Sealing</li> <li>Soft Warning Validations</li> <li>Search &amp; View Sealed Case</li> <li>Update Sealed Case</li> <li>Void Sealed Case</li> <li>VSP &amp; Petition Sealing</li> <li>QDS Integration</li> <li>Orchestration Service Integration</li> <li>Reports (new &amp; existing)</li> </ul>	<b>ACMS (CAV)</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> <li>Search Sealed Case</li> <li>Update Sealed Case</li> <li>Orchestration Service Integration</li> <li>Reports (new &amp; existing)</li> </ul>	<b>ACMS (SCV)</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> <li>Search Sealed Case</li> <li>Update Sealed Case</li> <li>Orchestration Service Integration</li> <li>Reports (new &amp; existing)</li> </ul>	<b>FAS (GD/JDR/Circuit)</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> <li>Search Sealed Case</li> <li>Load Sealed Case</li> <li>Update Sealed Case</li> <li>Seal Fund</li> <li>Receipting</li> <li>Orchestration Service Integration</li> <li>Reports (new &amp; existing)</li> </ul>
<b>GDMS</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> <li>Seal Case Images &amp; Docs</li> <li>Seal Warrant/Sealing Order</li> <li>Orchestration Service Integration</li> <li>GCMS Integration</li> <li>Reports (new &amp; existing)</li> </ul>	<b>JDS</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> <li>Seal Case Images &amp; Docs</li> <li>Seal Warrant/Sealing Order</li> <li>Orchestration Service Integration</li> <li>JCMS Integration</li> <li>Reports (new &amp; existing)</li> </ul>	<b>CIS</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> <li>Seal Case Images &amp; Docs</li> <li>Seal Sealing Order</li> <li>Orchestration Service Integration</li> <li>CCMS Integration</li> <li>Reports (new &amp; existing)</li> </ul>	<b>Non-OES CMS</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> <li>Orchestration Service Integration</li> <li>Non-OES CMS Integration (Fairfax)</li> <li>VSP &amp; Petition Sealing</li> <li>Gateway to VSP</li> <li>Reports (new &amp; existing)</li> </ul>	<b>Non-OES Imaging</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> <li>Orchestration Service Integration</li> <li>Non-OES Imaging Systems Integration (Fairfax &amp; Others?)</li> <li>Gateway to VSP</li> <li>Reports (new &amp; existing)</li> </ul>	<b>VSOPS (Circuit/JDR)</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> <li>Search Sealed Case</li> <li>Pay Sealed Case</li> </ul>
<b>GD FORMS</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> <li>Sealing Order Template</li> </ul>	<b>FORMS</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> <li>Sealing Order Template</li> </ul>	<b>CAISFORM</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> <li>Sealing Order Template (Court Initiated)</li> <li>Sealing Order Template (VSP Initiated)</li> <li>Sealing Order Template (Petition Initiated)</li> </ul>	<b>RMS/COVERS (?)</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> <li>Reports (new &amp; existing)</li> </ul>	<b>VACES/DRS (?)</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> <li>Orchestration Service Integration</li> </ul>	<b>VICS (GD/JDR/Circuit) (?)</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> <li>Search Sealed Case</li> <li>Pay Sealed Case</li> <li>Accept Petition Fees</li> <li>Reports (new &amp; existing)</li> </ul>
<b>GD ODS</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> <li>Block Sealed Cases from Public View</li> <li>Enable Payments for Sealed Cases</li> </ul>	<b>OCIS 2.0</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> <li>Update P10L queries</li> <li>Block Sealed Cases from Public View</li> </ul>	<b>Circuit ODS</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> <li>Block Sealed Cases from Public View</li> </ul>	<b>CAV Public</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> <li>Block Sealed Cases from Public View in CAV Kiosk &amp; CAV Public Apps</li> <li>Reports (new &amp; existing)</li> </ul>	<b>SCV Public</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> <li>Block Sealed Cases from Public View in SCV Kiosk &amp; SCV Public Apps</li> <li>Reports (new &amp; existing)</li> </ul>	<b>EVPS</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> <li>Search Sealed Case</li> <li>Orchestration Service Integration</li> <li>Reports (new &amp; existing)</li> </ul>
<b>Sealing Orchestration Service</b> <ul style="list-style-type: none"> <li>Architecture &amp; Design</li> <li>Business Rules &amp; Case Matching Logic</li> <li>Sealing/Unsealing Workflow</li> <li>User Interface (reception queues &amp; search/reporting features)</li> <li>System Integration (OES subsystems, Public Facing Systems, VSP, etc.)</li> </ul>	<b>VSP Bridge</b> <ul style="list-style-type: none"> <li>Orchestration Service Integration</li> <li>Define &amp; implement interface Specifications (OES to VSP and VSP to OES)</li> <li>Exception Handling Logic</li> </ul>	<b>Existing VSP Interfaces (GD/JDR/Circuit)</b> <ul style="list-style-type: none"> <li>Analysis for Criminal Sealing Implementation</li> <li>Coordinate &amp; implement Changes with VSP</li> </ul>	<b>DB2 (GD/JDR/Circuit/FMS)</b> <ul style="list-style-type: none"> <li>Detailed Requirements</li> <li>Add Seal Flag to all DB2 tables in GD, JDR, Circuit</li> <li>Configure Row Column Level Access Control to restrict sealed cases</li> <li>Update Seal Flag</li> </ul>	<b>Data Replication</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> <li>Sealed Case Doc Modeling (GCMS, CMIS, CCMS)</li> <li>Sealed Person Doc Modeling (GCMS, CMIS, CCMS)</li> <li>Sealed Service Doc Modeling (GCMS, CMIS, CCMS)</li> <li>Couchbase Document Access Control</li> <li>Move Sealed Cases to a New Couchbase Bucket</li> </ul>	<b>EMAG</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> <li>Search Sealed Case/Charge</li> <li>Update Sealed Case/Charge</li> <li>Orchestration Service Integration</li> <li>Reports (new &amp; existing)</li> </ul>
<b>VBRC/DOBCon</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> <li>Respect VBRC from using Sealed Cases for DOB confirmation</li> </ul>	<b>CASS (Case Hearing Alerts) (?)</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> <li>Sealed Case Notification Alerts (?)</li> </ul>	<b>DOCBridge</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> <li>Update P10L queries</li> </ul>	<b>COBOL (GD/JDR/Circuit/FMS)</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> <li>Update GD COBOL Programs</li> <li>Update Circuit COBOL Programs</li> <li>Update JDR COBOL Programs</li> <li>Update RMS COBOL Programs</li> </ul>	<b>SCV Staff Attorney Case Reports (SACR) (?)</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> </ul>	<b>Electronic Signatures</b> <ul style="list-style-type: none"> <li>Analysis &amp; Design</li> <li>Detailed Requirements</li> </ul>