Justice Reinvestment Policy Oversight Board

CJ360 Cross Tracking Platform Roadmap - 2023

9/29/2022

Background: CJ360 Cross Tracking Phased Approach

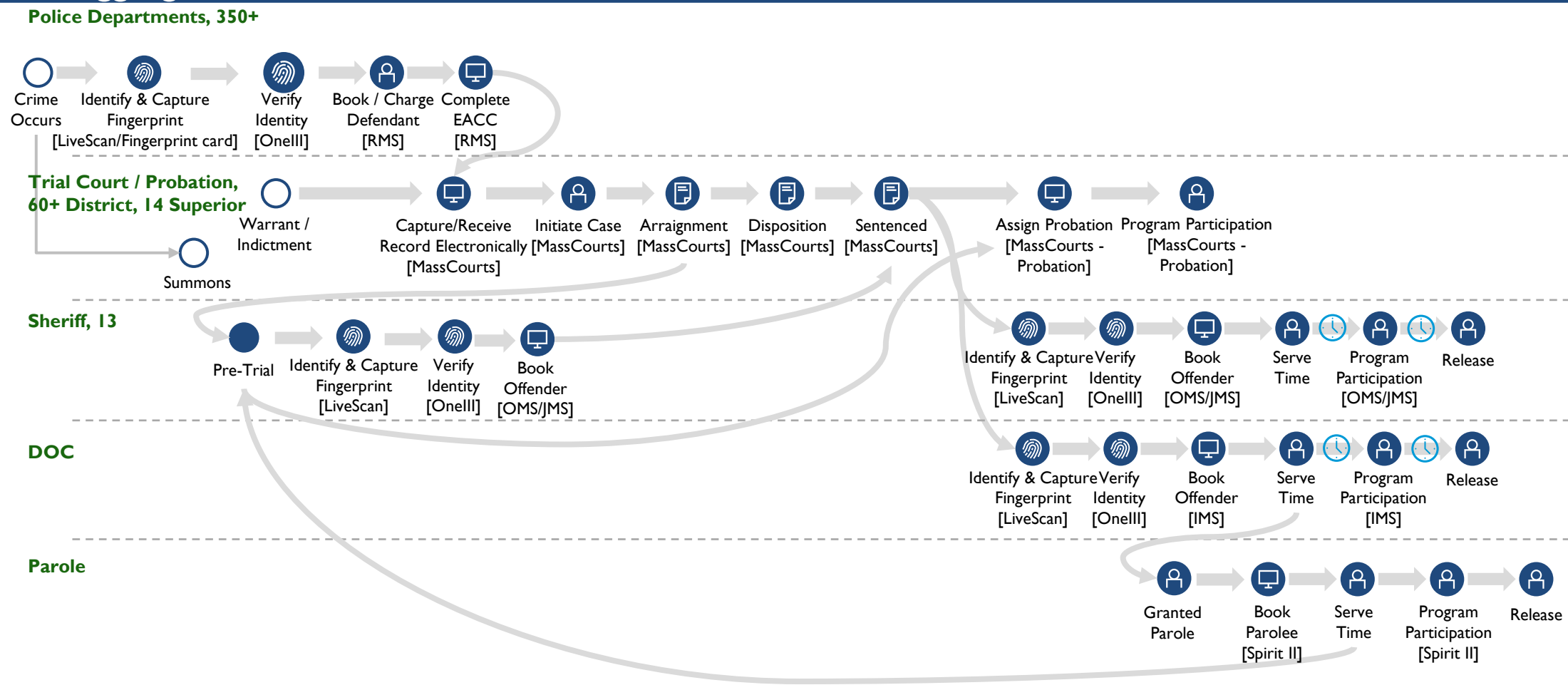
In partnership with participating agencies and Google/SpringML, EOPSS and EOTSS planned a phased approach to develop the cross-tracking platform:

1. **January '21-August '22**: Established platform foundation, updated and standardized data intake across DOC and Sheriff Offices, and identified areas for data quality improvement
2. **August-November '22**: Enhance platform capabilities to include recidivism reporting capability, refine data quality, and automate refresh of the data
3. **December '22-December '23:** Full compliance with the Criminal Justice 2018 Reform Bill via expanded Criminal Justice Agency participation (including Trial Courts and Law Enforcement) and improved platform capabilities and analytics

With the CJ360 foundation now in place after last month's Phase 1 launch, EOPSS and EOTSS will look to participating agencies to:

- Update data collection practices to comply with standard operating procedures
- Establish, monitor and report on metrics to track agency compliance
- Implement IT infrastructure updates and continuously transmit quality data into the new platform

CJ360 Prior State: Our 400+ criminal justice agencies had disparate processes and technologies that operated independently of each other without streamlined data sharing or a centralized platform to aggregate offender data



Key
- Trigger
- Key Process Step
- Time Passage

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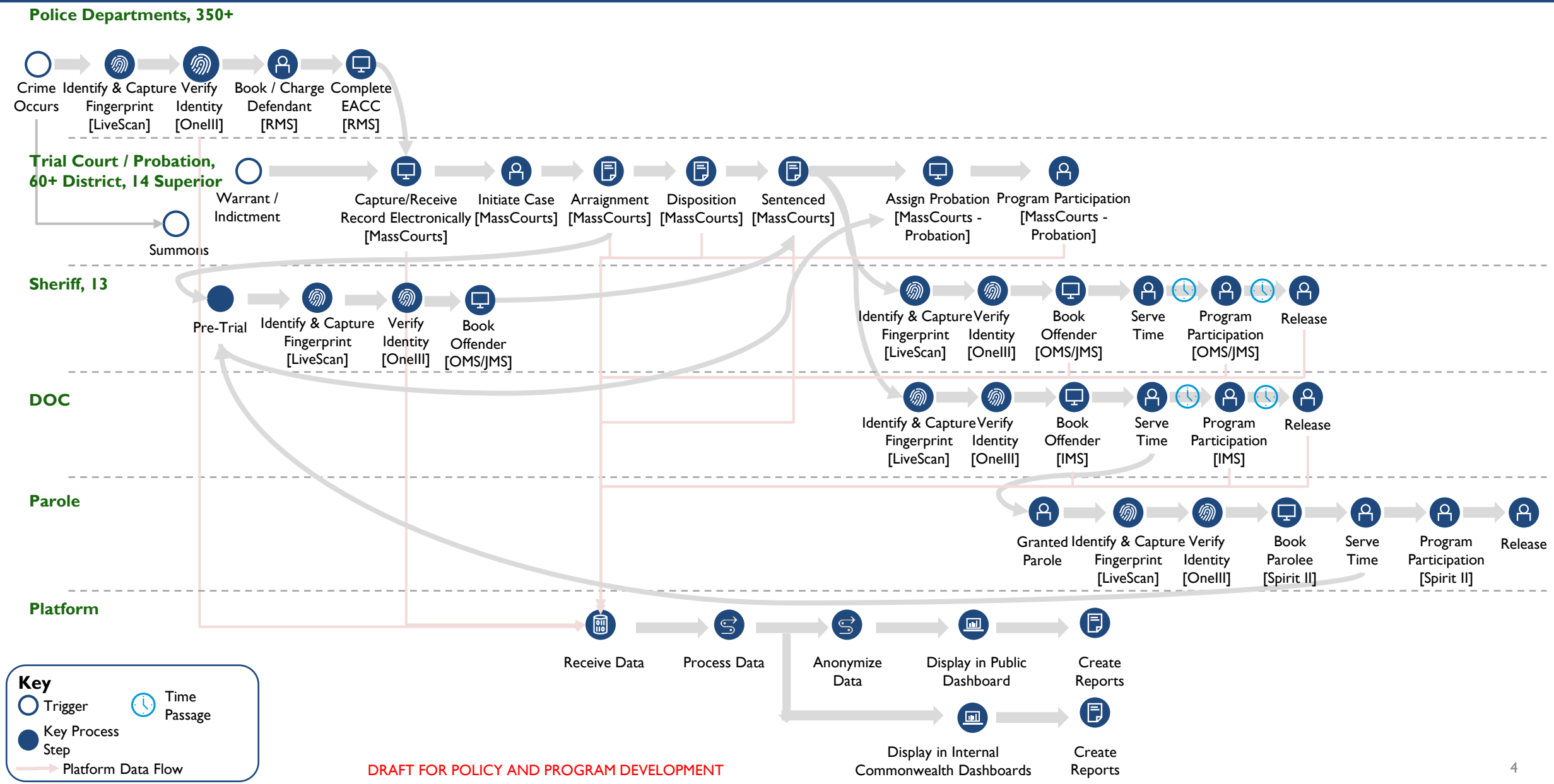
CJ360 Target State: Sustainable, high quality, reliable & standardized, fingerprint supported data that can be used for data-driven decisions and recidivism analysis for the Commonwealth



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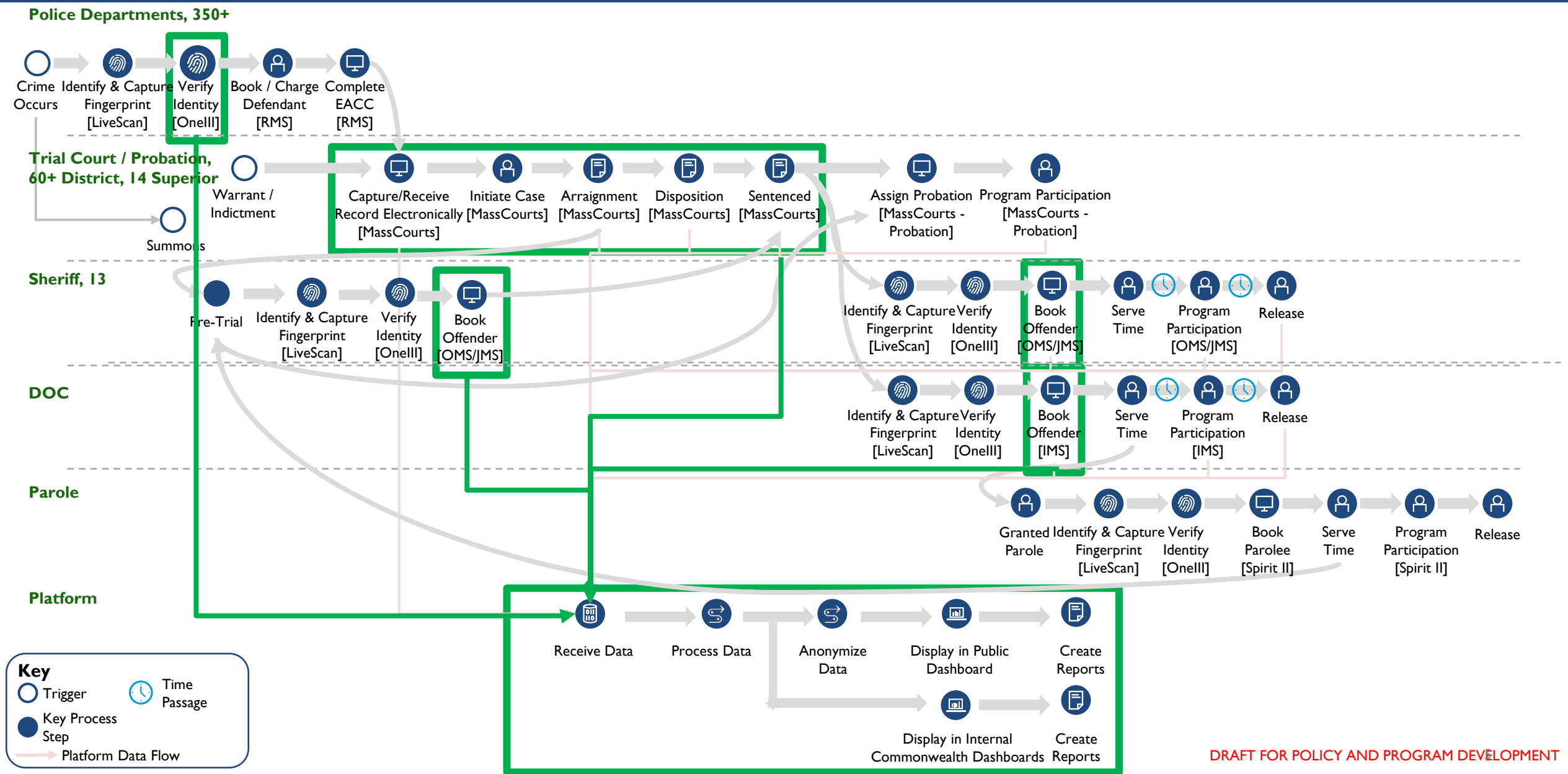
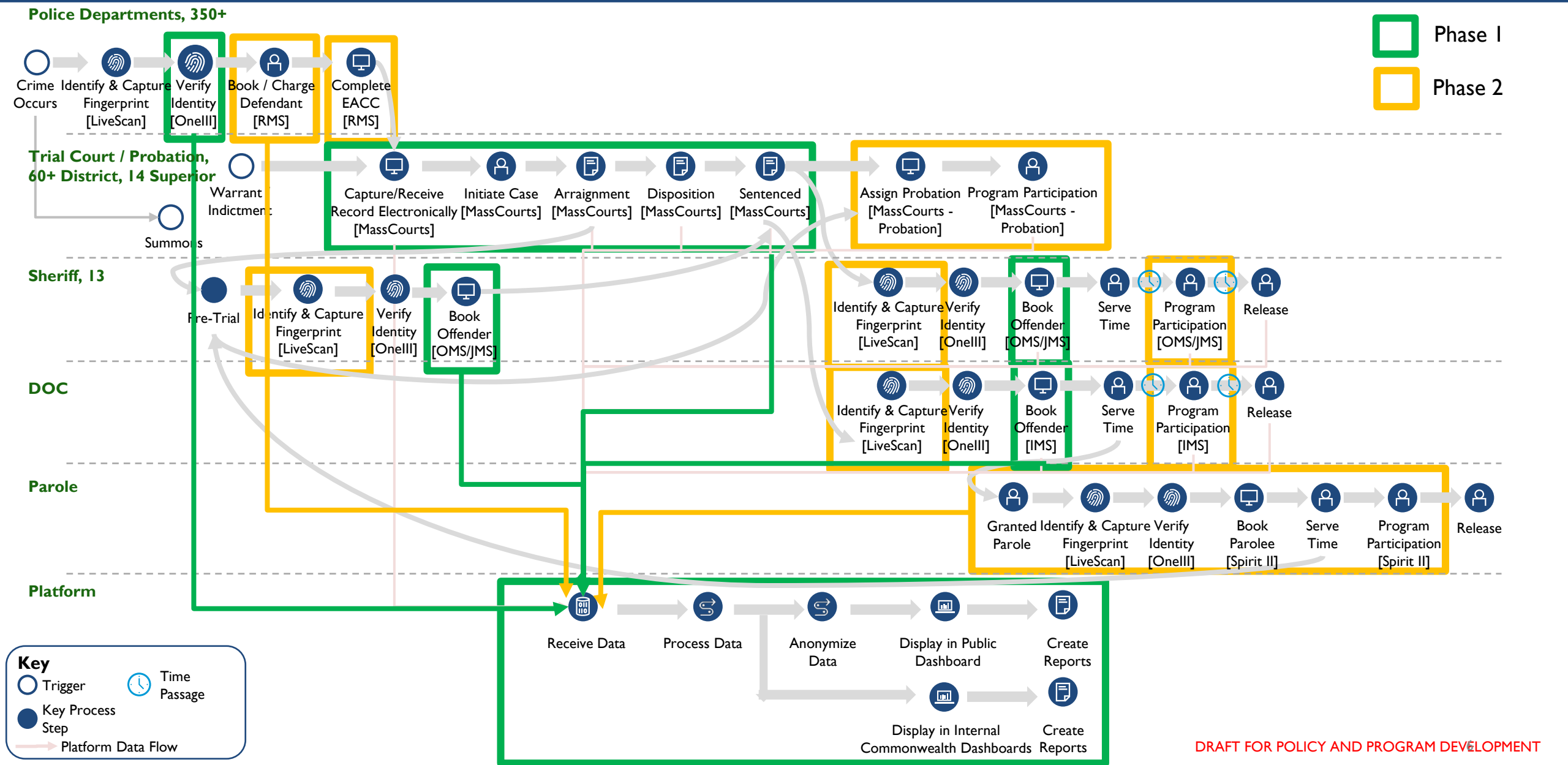
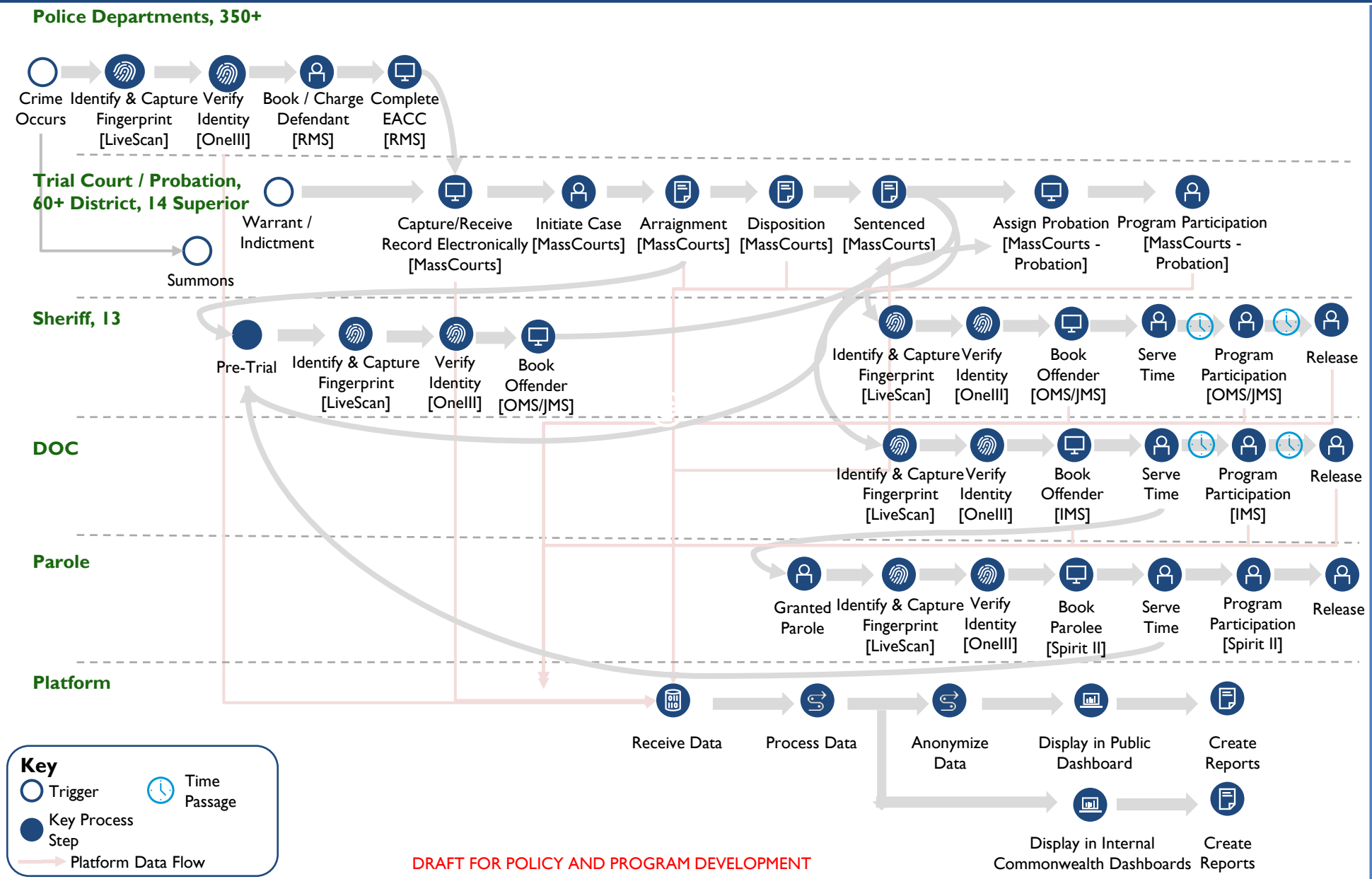
CJ360 Phase 1: Data Connections Built Between State Police, DOC, Sheriffs and Courts to a Cloud-Based, Secure Platform Capable of Presenting Anonymized Criminal Justice Data



CJ360 Phase 2: Build data connections to new LEA and Parole data sets. Updates and upgrades to Phase I focused on people, process and technology that will increase the quality and reliability of data



CJ360 Phase 2: Planned Key Outcomes for 2023



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Key Outcomes

- Publicly-available reporting for recidivism for rearraignment, reconviction and reincarceration tracked over 1-, 2- and 3-year periods and include categorizations by race, ethnicity, gender and age
- Ability to track individuals through criminal justice agencies with all criminal justice agencies and the judiciary using the SID assigned to each person who enters the criminal justice system
- Standardize methods of reporting and transmitting all required data (e.g., race and ethnicity) to facilitate assessment of the composition of the criminal justice population of the Commonwealth and make anonymized cross-agency data available to the public for analysis
- Active monitoring and reporting by participating agencies on compliance and increased use and electronic transfer of SID/OBTN across systems
- Access to internal dashboards with quality cross-agency data allows agencies to increase efficiency, collaboration and build data driven policy and operation decisions

Phase 2 Roles and Responsibilities

EOPSS

- Design overall roadmap
- Assist with fingerprint technology distribution and SOPs
- Promulgate regulations
- Maintain and operate the CJ360 platform
- Platform vendor management
- Develop recidivism reports
- Establish and operate data governance

Participating Agencies

- Develop and manage workplan, including status, dependencies, and resolving delays
- Implement business processes, people, and technology changes to execute workplan
- Financing and operational planning for sustainable participation in CJ360 platform by 2023
- Oversight and management of agency's participation in the CJ360 platform, including data quality
- Identify data champions to participate in data governance

CJ360 Workplan: Q3/Q4 2022

	Trial Court & Probation	Law Enforcement	Sheriffs	DOC	Platform	Governance
Lead	Trial Court – Joe Jackson Probation – TBD	EOPSS – Abir Sohel MSP – Keith Paquette LEA - TBD	EOPSS – Kevin Crowley Sheriff – Carrie Hill	DOC – Shawn Jenkins	EOPSS – Srini Paruchuri and Greg Organ	EOPSS – Maria Michalski and Vamsi Vandrangi
Deliverables	▪ Public Dashboard will provide monthly snapshot population and demographic data (from 1/1 annual snapshot currently shown) ▪ Additional public dashboard for Admission and Release data for custodial agencies with drill down/analysis provided by event type ▪ Additional programmatic dashboard published to show programs being run by DOC and Sheriffs for inmates across Massachusetts ▪ Automated, weekly data loads to CJ360 from MSP, DOC, Sheriffs and Courts ▪ SID Reporting and Matching algorithm initiated for the purpose of increased identity matching records and data where no SID or fingerprint records exist ▪ Data Quality Dashboard with reporting on operational and data stats along with auditing and error identification ▪ Recidivism rules developed and data set collected to allow platform recidivism reporting in 2023 ▪ Metrics and reporting established for agency compliance and increased use of SID through the booking process					
Critical Tasks	▪ Electronically submit required recidivism data set (e.g. charges and dispositions) to CJ360 platform ▪ Describe and explain EACC use constraints and recommend process and technical improvements (Nov. 1, 2022) ▪ Prepare MassCourts to accept SID electronically from OneIII ▪ Include CJ360 as part of court initiatives and investments for 2023/2024	▪ Begin upgrade of RMS to capture 501 CMR Data elements (to be completed by Feb 28, 2023) ▪ Needs assessment complete of Live Scan, RMS and EACC interface capabilities (Nov. 7, 2022) ▪ Standardize Booking procedures to include Fingerprint arrests (SOP to be released early October)	▪ Identify data and policy/operations SME teams in each Office for both program and admission/release data ▪ Submit program, admissions and release data to CJ360 platform (Oct 1, 2022) ▪ Prepare to have OMS accept SID electronically from OneIII (Nov. 15, 2022) ▪ Implement standardized booking process per published SOP and monitor, refine, measure and report (Nov. 30, 2022) ▪ Establish and review metrics on CMR compliance (Nov. 30, 2022)	▪ Submit program, admissions and release data to CJ360 platform (Oct 1, 2022) ▪ Prepare IMS to accept SID electronically from OneIII(Nov. 30, 2022) ▪ Implement standardized booking process per published SOP and monitor, refine, measure and report (Nov. 30, 2022) ▪ Establish and review metrics to report on CMR compliance (Nov. 30, 2022)	• Collect, process and publish custodial and demographic population data with Monthly Snapshots (from current annual snapshot) (Nov. 2022) • Collect, process and refine Platform Data (Nov. 2022) • Collect, process and publish custodial Admissions and Release Data (Nov 2022) • Initiate SID Reporting and Matching algorithm for Internal Dashboard (Nov. 2022)	▪ Establish Charter for Data Governance Council (Oct. 10, 2022) ▪ Communicate expectations and name Data Champions/Stewards (Oct. 24, 2022) ▪ DGC Kick-Off (Nov. 14, 2022)
Dependencies	▪ **[Nov. 1, 2022] Trial Courts:** Provide input and recommendations for EACC improvement and report on monthly usage and support increased education on use of EACC ▪ **[Nov. 1, 2022] Sheriffs and DOC:** Data standardization of the admissions and release data may be a challenge due to the various methods of capturing this data at each of the sheriffs and DOC ▪ **[Nov. 7, 2022] Law Enforcement:** Assessment of required technology investments that may be required to enable increased EACC use and RMS upgrades for CMR compliance ▪ **[Nov. 31, 2022] EOPSS:** Further technology investment identified and requested for OneIII, ABIS (AFIS replacement project), IMS, CJIS broker, Platform, Parole (Spirit application), and EACC web modernization					

CJ360 Workplan: Q1/Q2 2023

	Trial Court & Probation	Law Enforcement	Sheriffs	DOC	Platform	Governance
Lead	Trial Court – Joe Jackson Probation – TBD	EOPSS – Abir Sohel MSP – Keith Paquette LEA - TBD	EOPSS – Kevin Crowley Sheriff – Carrie Hill	DOC – Shawn Jenkins	EOPSS – Srini Paruchuri and Greg Organ	EOPSS – Maria Michalski and Vamsi Vandrangi
Deliverables	▪ New Recidivism Public Dashboard published for Reincarcerations ▪ Recidivism rules developed and data set collected to allow platform recidivism reporting for Reconviction and Rearraignment ▪ Improve and enhance public dashboard for Admission and Release data for custodial agencies with drill down/analysis provided by event type ▪ Improve and enhance programmatic dashboard ▪ Improve and enhance SID Reporting and Matching algorithm for the purpose of increased identity matching records and data where no SID or fingerprint records exist ▪ Enhancements to EACC and increase use of EACC to 60% of criminal complaints filed ▪ Fingerprinting reaches 70% compliance for completeness and accuracy at Custodial Agencies and 50% compliance for completeness and accuracy across local PDs ▪ 70% of new records coming into the platform from Custodial Agencies have complete and accurate SIDs and 50% of records ingested into the platform from the Trial Court have complete and accurate SIDs					
Critical Tasks	▪ MassCourts accept and incorporate SID from OneIII ▪ Electronically submit all required data to CJ360 platform (June 30, 2023) ▪ Support, monitor and report on increased use of EACC (monthly) ▪ MassCourt enhancements to support CJ360 platform	▪ RMS upgraded to capture all CMR data elements (Feb. 28, 2023). ▪ RMS accept and incorporate SID electronically from OneIII ▪ RMS and Live Scan interface with EACC ▪ Each LEA has a livescan ▪ Implement standardized booking process across LEAs per published SOP and monitor, refine, measure and report compliance ▪ Data submission into CJ360 platform	▪ OMS accept and incorporate SID electronically from OneIII ▪ Refine required data for recidivism reporting ▪ Agencies continue to refine and report on booking process and increase fingerprinting of inmates ▪ Incorporating SID into OMS	▪ IMS accept and incorporate SID electronically from OneIII ▪ Refine required data for recidivism ▪ Agencies continue to refine and report on booking process and increase fingerprinting of inmates ▪ Incorporating SID into IMS	▪ Enhance the custodial and demographic population data ▪ Program Data Published ▪ Collect, process and publish recidivism data for reincarcerations ▪ Refine Public Dashboard by adding charge information (including other charge data) ▪ Improved/Enhanced SID reporting and matching ▪ EOPSS hiring	▪ Ensure each participating agency established required data governance foundations ▪ Refine and strengthen DGC role and responsibilities ▪ Build a Data Literacy program
Dependencies	▪ **[Feb. 28, 2023] Law Enforcement:** Technology investments may be required to enable increased EACC use and RMS upgrades for CMR compliance ▪ **[June 30, 2023] Trial Courts:** Ability of Court to commit to cleaning and incorporating quality Trial Court data is critical to build quality database in CJ360 (e.g. charges and dispositions) ▪ **[June 30, 2023] Sheriffs and DOC:** Commitment required to ensure booking process is standardized, data is captured and compliance is reported ▪ **[June 30, 2023] EOPSS:** Further technology investment identified and requested for OneIII, ABIS (AFIS replacement project), IMS, CJIS broker, Platform, Parole (Spirit application), and EACC web modernization ▪ **[June 30, 2023] All Agencies:** Active participation in DGC and agency support to standardize offense and charge data will be required for governance to succeed					

CJ360 Workplan: Q3/Q4 2023

	Trial Court & Probation	Law Enforcement	Sheriffs/DOC	AGO/DAs Parole/SORB	Platform	Governance
Lead	Trial Court – Joe Jackson Probation – TBD	EOPSS – Abir Sohel MSP – Keith Paquette LEA - TBD	EOPSS – Kevin Crowley Sheriff – Carrie Hill DOC – Shawn Jenkins	TBD	EOPSS – Srini Paruchuri and Greg Organ	EOPSS – Maria Michalski and Vamsi Vandrangi
Deliverables	▪ Pilot (July 2023) and Publish (Dec 2023) Recidivism Reporting for Reconviction and Rearraignment ▪ Enhance dashboards with data related to Risk/Needs, Caretaker and Repro Health Needs ▪ Improve and enhance Recidivism Public Dashboard published for Reincarcerations ▪ Improve and enhance public dashboard for Admission and Release data for custodial agencies with drill down/analysis provided by event type ▪ Improve and enhance programmatic dashboard ▪ Improve and enhance SID Reporting and Matching algorithm for the purpose of increased identity matching records and data where no SID or fingerprint records exist ▪ Increase use of EACC to 80% of criminal complaints filed ▪ Fingerprinting reaches 85% compliance for completeness and accuracy at Custodial Agencies and 65% compliance for completeness and accuracy across local PDs ▪ 85% of records coming into the platform from Custodial Agencies have complete and accurate SIDs and 65% of records ingested into the platform from the Trial Court have complete and accurate SIDs					
Critical Tasks	▪ Electronically submit all required data set to CJ360 platform (Oct. 31, 2023) ▪ Support, monitor and report on increased use of EACC (monthly) ▪ Provide Risk/Needs Data (October 31, 2022) ▪ MassCourt enhancements to support CJ360 platform	▪ Monitor, review, refine reporting and data submission (monthly) with focus on fingerprinting and use of SID ▪ Support, monitor and report on increased use of EACC (monthly) ▪ Enhancements of RMS to support CJ360 platform	▪ Electronically submit all required recidivism data set to CJ360 platform (Oct. 31, 2023) ▪ Provide Risk/Needs, Caretaker and Repro Health Needs data to platform (Oct. 31, 2023) ▪ Agencies continue to refine and report on booking process and increase fingerprinting of inmates ▪ Report on % of records electronically incorporating SID into OMS/IMS and into CJ360 Platform (monthly)	▪ SORB and Parole electronically submit required data to CJ360 Platform (Sept 30, 2023) ▪ Incorporate the SID into the agencies record keeping or case management systems	▪ Collect, process and publish recidivism data for Reconviction and Rearraignment ▪ Enhance public dashboard with new data sets (Risk/Needs, Caretaker and Repro Health Needs Data) ▪ Improved/Enhanced SID reporting and matching – including uniform use of SID electronically across all systems	▪ Refine and strengthen Governance ▪ Roll out Data Literacy program and training to all participating agencies (Sept. 30, 2023) ▪ Build standard data dictionary and standardize key data sets (Sept 30, 2023)
Dependencies	▪ **[Sept. 30, 2023] EOPSS:** Further technology investment identified and requested for OneIII, ABIS (AFIS replacement project), IMS, CJIS broker, Platform, Parole (Spirit application), and EACC web modernization ▪ **[Sept. 30, 2023] All Agencies:** Active participation in DGC and agency support to standardize offense and charge data will be required for governance to succeed ▪ **[Dec. 31, 2023] Law Enforcement:** Commitment required to ensure booking process is standardized, data is captured and compliance is reported ▪ **[Dec. 31, 2023] Trial Courts:** Ability of Court to commit to cleaning and incorporating quality Trial Court data is critical to build quality database in CJ360 (e.g. charges and dispositions) ▪ **[Dec. 31, 2023] Sheriffs and DOC:** Commitment required to ensure booking process is standardized, data is captured and compliance is reported					

Appendix

Commonwealth Direction

(What we will accomplish)

We will improve the criminal justice system by enhancing the integrity, accuracy, consistency, and transparency of information.

Outcomes

(Where we are going)

Drive Operational Efficiency and Effectiveness	Enable Linkages of Individual Records Across the Criminal Justice System	Increase Criminal Justice Data Availability, Quality, and Trust	Empower Data-Driven Decision Making and Monitoring	Analyze Disparities and Evaluate Effectiveness of Reform Programs	Enable Studies of Recidivism and Other Criminal Justice Research
Data provide insights into agency performance to understand how to improve operations	*Individuals are tracked consistently throughout the entire criminal justice System*	*Criminal justice data can be consistently and securely shared and reused*	*Data support key decisions for policies and budgeting*	*Data support understanding racial disparities and the success of reform programs*	*Data support criminal justice reform studies more intuitively and through easier access*

Strategic Focus Areas

(How we will get there)

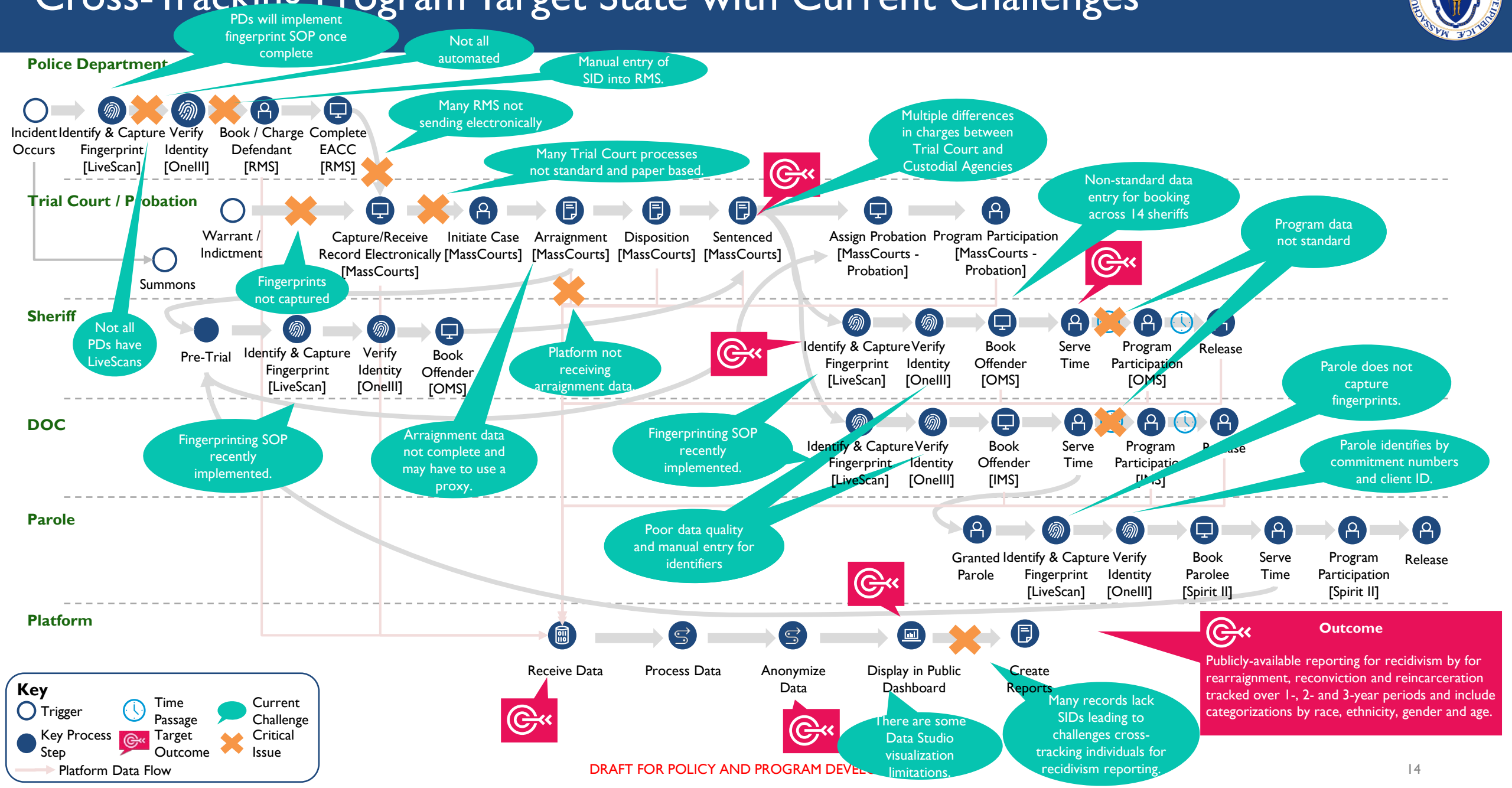
Common Data Definitions	Governance Framework	Cross-Agency Data Sharing	Execution Oversight
A common data language to support consistent data definitions	*Defined interagency roles, responsibilities, accountabilities, and processes*	*Requirements for the integration and development of supporting technology*	*Processes and procedures to operationalize and oversee target state implementation*

Key Capabilities

(What We Need to Put in Place)

Unique ID | Data | Governance | Process | People / Org. | Technology

Cross-Tracking Program Target State with Current Challenges



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