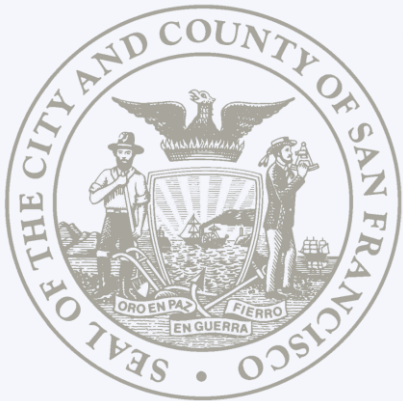# JUSTIS Executive Council

July 2021

JUSTIS Council Meeting
July 20, 2021

Join on your computer or mobile app

[Click here to join the meeting](#)

Or call in (audio only)

[+1 415-906-4659,,603476454#](#)   United States, San Francisco

Phone Conference ID: 603 476 454#

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- Callers will be placed in queue for comments: press*5 to raise your hand to speak and you will be notified when to speak by the host
- Written public comment can be submitted vial email to dtis.helpdesk@sfgov.org, title question JUSTIS Executive Committee Meeting
- Board Members please mute your mic when not speaking. Chat is not enabled.

JUSTIS Council Agenda for July 20, 2021

- Call to Order/Roll Call
- Approval of Meeting Minutes from 12/2020
- General Public Comments
- Executive Sponsor Update: City Administrator
- JUSTIS Program Status
  - Budget
  - Mainframe Migration and Lifecycle Testing
  - Data Center of Excellence
- Advisory Committee Updates
- New Business
  - JUSTIS Data for Coordinating Responses to Prevent Repeat Offenses
- Adjournment

JUSTIS Program Status

July 2021

JUSTIS Program
Key Objectives FY21/22

- <u>Mainframe Retirement</u>: migrate mainframe reports, transactions, and queries by redeveloping them to run on the JUSTIS Data Hub

- <u>Modernize JUSTIS Hub Data Design</u>: migrate the JUSTIS data from the flat file structure inherited from the mainframe to a relational database

- <u>Superior Court C-Track Interface</u>: JUSTIS team is developing an interface to exchange data with C-Track (CMS replacement system). This interface is required for C-Track go live which in turn enables the retirement of CMS on the mainframe.

- <u>Data Center of Excellence</u>: design and implement the data analytics capabilities required to support the reporting needs of the criminal justice agencies and their stakeholders
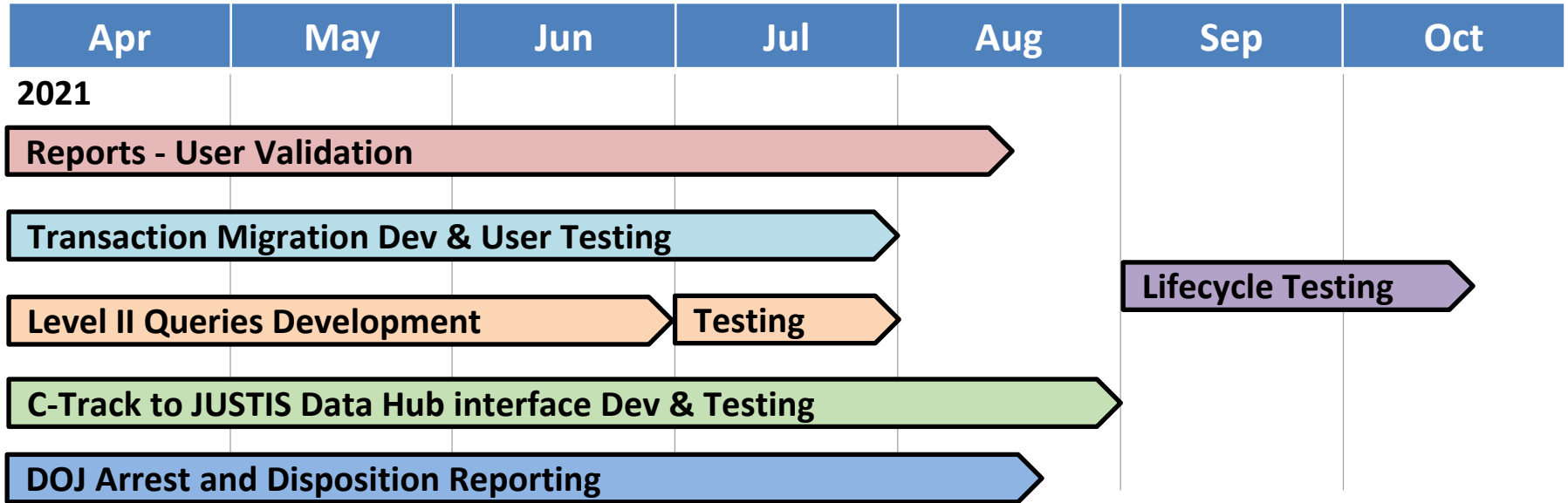
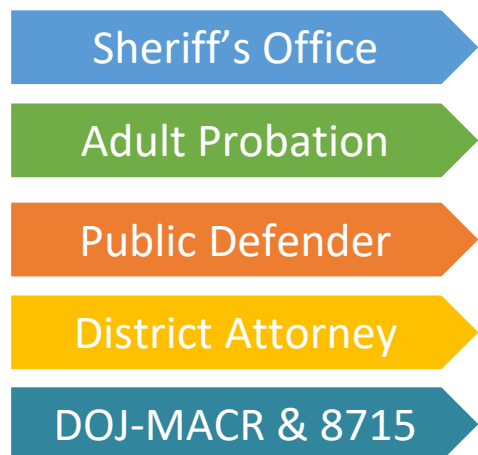# COIT Budget

COIT FY21/22 JUSTIS Budget: $511K

- This program will result in the redesign and implementation of the JUSTIS Data Hub in modern technologies that will lower the cost of maintenance and increase operational resiliency.

- $100K   Design and implement monthly and weekly CA-DOJ reporting processes currently on the mainframe to run on the JUSTIS Data Hub.

- $100K   Design and implement new reusable API message broker for agency replacement systems - i.e. JMS, C-Track, e-Prosecutor.

- $300K   Data Center of Excellence: design and implement advanced data analytics tools and data repositories in support of justice department needs.

JUSTIS Mainframe Migration Activities

Apr	May	Jun	Jul	Aug	Sep	Oct

2021

Reports - User Validation

Transaction Migration Dev & User Testing

Lifecycle Testing

Level II Queries Development | Testing

C-Track to JUSTIS Data Hub interface Dev & Testing

DOJ Arrest and Disposition Reporting

Mainframe Report Migration

	In Development	User Validation	Complete	Total
Sheriff's Office	0	0	3	**3**
Adult Probation	0	21	26	**47**
Public Defender	0	0	4	**4**
District Attorney	0	4	4	**8**
DOJ-MACR & 8715	2	0	0	**2**
Total	**2**	**25**	**37**	**64**

Mainframe Transaction Migration

	Pending Dev	In Dev	User Test	Complete	Total
APEX Dev	3	3	28	0	**34**
Level II Queries	0	1	14	1	**16**
Total	**3**	**4**	**42**	**1**	**50**

- In support of the SFPD's effort to migrate their applications off the mainframe, in April, the JUSTIS Team agreed to develop the replacement for the 2 Arrest Systems. That added 6 additional transactions to the scope.

- There are 15 of the Level II queries that were identified as no longer needed so they were removed from scope in April. We also identified one additional query that was added to the Level II query scope. The total Level II queries in scope is 16.

Lifecycle Testing

Timeline
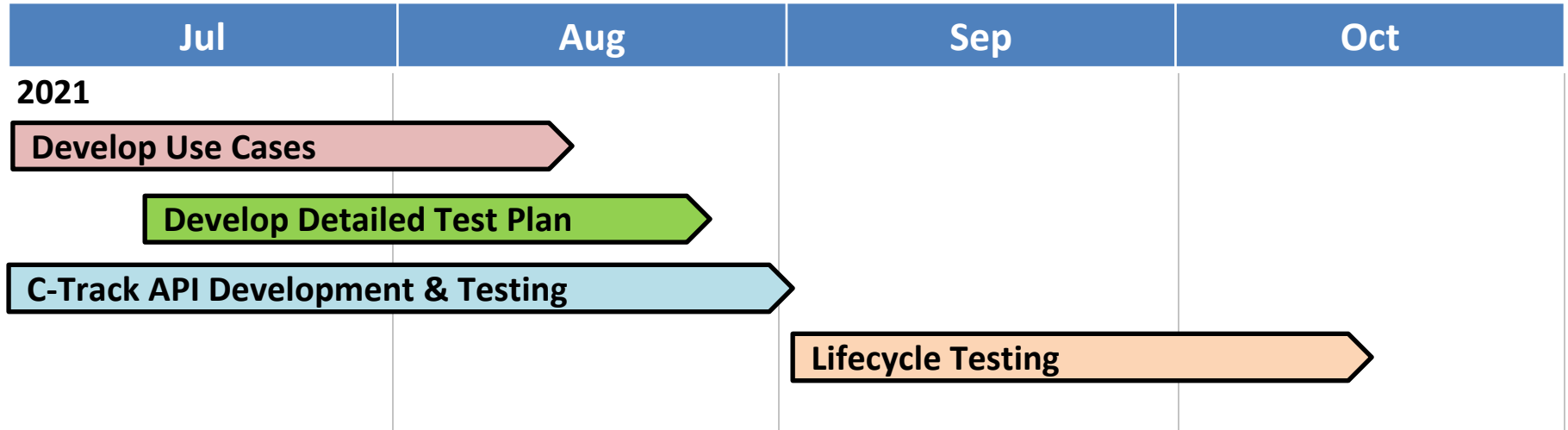
Jul	Aug	Sep	Oct

2021

Develop Use Cases

Develop Detailed Test Plan

C-Track API Development & Testing

Lifecycle Testing

- The level of participation for the JUSTIS partner agency resources is 2 hours per week from July through mid-August
- The level of agency participation for Sep & Oct will be defined during the development of the Detailed Test Plan

Lifecycle Testing
Why and What

Why?

- The C-Track implementation requires significant changes to the JUSTIS Data Hub:
  - A new data exchange interface (i.e. API) between JUSTIS and C-Track
  - A new JUSTIS database that accommodates the new and expanded data fields made available by C-Track
- Additionally, the mainframe reports and transactions redeveloped for the JUSTIS Hub need data validation testing since the underlying data will now be sourced from C-Track instead of CMS

What?

- Lifecycle operations testing with the JUSTIS partners is needed to confirm production readiness of the JUSTIS Hub changes

Production Readiness Testing
Upcoming Activities

- **Use Case Development**
  - › JUSTIS Team will lead the use case planning effort
  - › We need participants from the JUSTIS partner agencies to work with us on the use case development

- **Test Plan Development**
  - › JUSTIS Team will develop of the detailed API C-Track test plan which will include the approach, specific test events, resource plan and the schedule
  - › We need participants from the JUSTIS partner agencies to work with us on the test plan development

- The level of participation for the JUSTIS partner agency resources is 2 hours per week from July through mid-August

Production Readiness Testing
Scope of the Testing Effort

The following JUSTIS Hub services are in scope for data validation testing

1. C-Track-to-JUSTIS Data Exchange
2. JMS-to-JUSTIS Data Exchange
3. JUSTIS-to-Gideon Data Exchange
4. JUSTIS-to-Damion Data Exchange
5. Migrated mainframe reports
6. Migrated mainframe transactions
7. Level II queries migrated to JUSTIS
8. DOJ Reporting
   a. MACR
   b. 8715 Disposition Reporting

Go-Live Support Planning

Timeline

Sept	Oct	Nov	Dec

2021

Lifecycle Testing

Go Live Support for C-Track
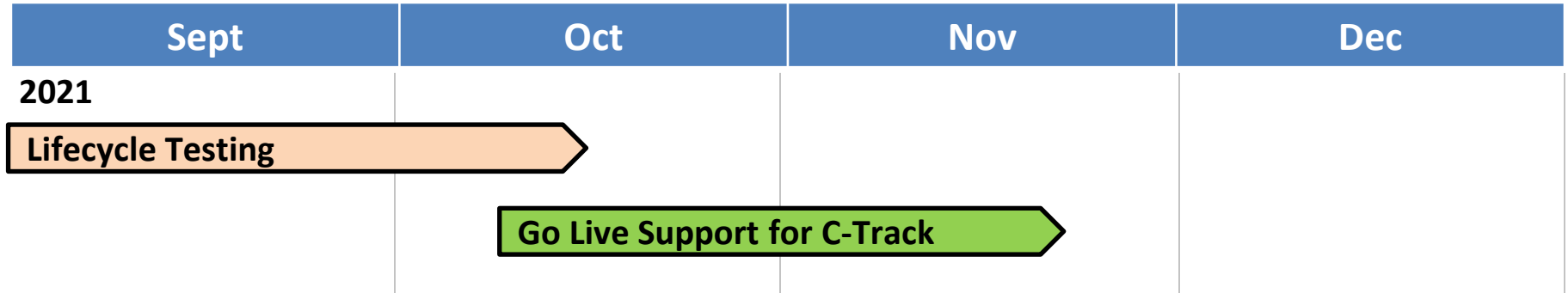
Successful Go-Live Planning

- Completed test plans for each agency
- Log questions in ServiceNow
- JUSTIS will establish incident severity levels, track defects and resolve based on severity
- Weekly or daily calls to coordinate fixes and retesting in the teams
- Expect 4-6 weeks to normalize operations

JUSTIS Advisory Committees

July 2021

Advisory Committees – Updates
Architecture and Data Sharing

FY21/22 Workplan

- With the retirement of the mainframe on the horizon, the work of the committee has shifted its focus to completing data-related workplans and tasks in an effort to develop the Data Center of Excellence (DCOE)

- The Data & Architecture Committee FY 21/22 workplan was developed in close cooperation with the workplan of the Performance and Strategy Committee and is designed to be supportive and complementary

- The committees will continue their close coordination and communications throughout the execution of the workplan activities to remain aligned

Advisory Committees – Updates

Performance and Strategy

Updates

- Established priority KPI Categories for 2021
  All with an emphasis on tracking racial and ethnic disparities:
  - Recidivism/ Subsequent justice system contact
  - Custody Holds
  - Well Being
- Created matrix documenting race and ethnicity categorization across justice system
- Finalized FY21-22 Goals, Activities & Deliverables
- Collaborated with Data and Architecture to establish data-sharing protocols.
- Committee Chair Transition
  - Tara Anderson, Director of Policy, SFDA-chair emeritus
  - Jason Cunningham, Program Manager, SFPD-new chair

FY21-22 Goals

Cross system Benefit

1. Establish source and methods for race and ethnicity variables for city-wide KPIs.
2. Establish source and methods for crime and case type categories for city-wide KPIs.

Recidivism

3. Validate and expand Justice Dashboard for tracking subsequent criminal justice contact.
4. Explore the use and impact of custody holds and processes related to them, establishing cross-departmental protocols and new JUSTIS workflows

Well Being

5. Expand knowledge about High User Analysis and make recommendations for well-being indicators.

Architecture and Data Sharing + Performance and Strategy Collaboration

Desired Outcomes for Committee Collaboration

- Establish shared definitions for key metrics (e.g. crime type, race and ethnicity) so that statistics and key performance indicators can be more easily standardized across departments.

- Develop processes, protocols, and documentation for creating shared data products.

  › Key resource: Justice Dashboard and its development process

- Integrate cross system goals associated with the Coordinating Responses to Prevent Repeat Offenses Initiative announced on February 24th.

New Business

July 2021

New Business:
JUSTIS Data for Coordinating Responses to Prevent Repeat Offenses
Agencies joining together to implement a coordinated response

- Develop communication tools across agencies to inform one another of identified persons who have committed repeated, recent offenses in the same category of crime;

- Ensure that when persons are booked into jail, their probation, parole, and/or federal probation status as well as the existence of any warrants will be immediately confirmed and communicated to justice partners;

- Ensure that every booking notification is reviewed and evaluated;

- Establish verification processes to ensure that holds are placed each and every time someone is arrested while on probation or parole;

- Communicate across agencies regarding any contextual information or specific issues that may warrant consideration for detention;

- Provide updated information to the Court regarding any previous noncompliance with court orders regarding conditions of release, including any failures to comply with electronic monitoring; and

- Establish communication procedures both to and from justice partners regarding any decisions to refer a case to another agency and any updates as to actions taken by that agency.

New Business:
Coordinating Responses to Prevent Repeat Offenses
Gartner Roundtable Visioning

Projecting forward to the January 2022 JUSTIS Council Meeting:

- What would be a successful *outcome(s)*?

- What cross-agency information did you need to *achieve* that success?

- What cross-agency information did you need to *measure* that success?

- What information did you *share* with your justice partner agency to achieve the overall outcome?

JUSTIS Executive Council

Next JUSTIS Executive Council Meetings:
September 8, 2021 @ 2:00-3:00
December 7, 2021 @ 2:00-3:00

March 2021

If you have questions please contact:
Linda Gerull, City CIO
Henry Bartley, JUSTIS Program Director