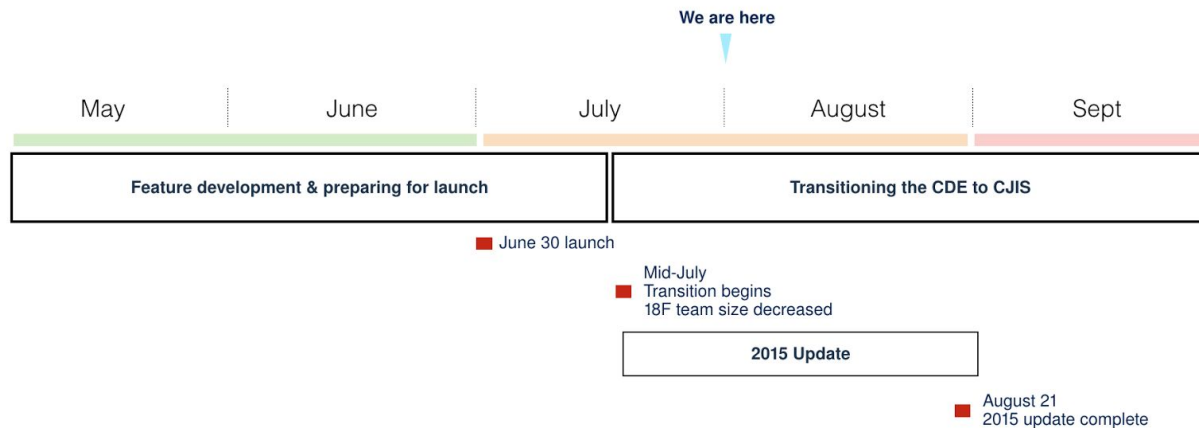**FBI Crime Data Explorer**

Status Report (7/13)

18F

Project plan

The remainder of the project will consist of the following phases: 1) preparing the CDE for launch and 2) transitioning ownership of the CDE to CJIS. Below is a high-level overview of the project approach and it's key milestones:

Executive Summary of Activities:

18F is currently wrapping up the final development sprint, which will end next week on Tuesday, July 18th. Key goals for the sprint include:

- Continue to monitor the site for performance and data integrity issues, now that it is live and attracting users, and respond to critical (P0) and major (P1) issues as necessary.
- Make arrest and supplemental homicide datasets available for download as defined in earlier discussions with CJIS.
- Show the location of a selected agency in the Explorer based on location data provided by the Crosswalk file.
- Start on the 2015 database update and continue to keep CJIS posted on progress.
- Make minor design and content optimizations as time allows.

The transition phase will officially start on Wednesday, July 19th, at which point the 18F team will be reduced in size and shift its focus towards documentation and knowledge transfer. No new features will be delivered during the transition phase; however, 18F will continue to address bugs and look for opportunities to orient and acquaint the transition team with the CDE codebase. Additionally, 18F will work to add 2015 data to the CDE and collaborate with CJIS to outline a broader strategy for maintaining the CDE. While transition begins next week, 18F is planning a workshop at CJIS during the first week of August (dates TBD) to share lessons-learned from the project, align stakeholders around the future direction of the CDE, and review goals for the phase as a whole.

2015 data update:

Expected delivery date: August 21st, 2017
Status: On track

We estimate that updating the CDE with 2015 data will take approximately 6 weeks to complete. This process involves several steps (see below) and includes documenting and automating selected aspects in order to make future updates easier. While we have confidence in hitting the August 21st delivery date, this is the first time 18F has attempted this process and so there are still unknowns. 18F recommends that CJIS sets expectations appropriately with senior management based on weekly progress towards this goal.

Key steps for the 2015 update:

- **Our first step is to upload the 2015 data provided by CJIS to the 18F database that powers the CDE. This can be time-consuming, as we'll look to automate several aspects of the process to make future updates faster. To complete the upload we'll need to make sure that the new data matches our schema and handle any irregularities as they are identified. - WE ARE HERE**
- **Once the data is completely loaded, we'll repurpose and run our transformation scripts to process only the new 2015 data. This process isn't work intensive, but will still take some time because of the amount of computational resources required. Careful steps have to be taken during this step to minimize downtime of the CDE. If downtime is required, we'll need to coordinate with CJIS so that relevant stakeholders are aware of the disruption in service.**
- **When the new aggregated data is built we will need to verify the results.**
- **Once verified, we can expose the new data to the Explorer web interface.**
- **Finally, we'll wrap-up the process by documenting key aspects for future updates. This will be an excellent opportunity to collaborate with the transition team so that they understand how this process should work in the future.**

Open Issues:

- **What is the status of the CDE launch post that will be published on 18F's website?**
- **Let's confirm dates and participation for the transition workshop at CJIS - we are tentatively planning for 2-days during the first week of August.**
- **We should continue to advocate for a new CDE URL with "FBI.gov" in it. The current URL does not meet best practices in government and may lead to confusion about who owns the product.**

Key Risks

- **Managing expectations: There are many stakeholders involved in this project and different perspectives on what the CDE should do and why. Aligning around what is both feasible and of highest value to users will be key to achieving the best possible result and managing expectations going forward.**

- **Limited opportunity: The CDE is limited to** *presenting* **the data that's available from the FBI. It will not directly affect the volume, quality, or timeliness of the data it displays.**

- **Dealing with uncertainty: There is uncertainty around what data will be available, what it can support, and how it will be updated.**

- **Agile, user-centered design, and open data: 18F works in ways that are new to the FBI and may present organizational and cultural challenges.**

- **Providing visibility around decision-making and approval: How might shared responsibilities among the project core team, the FBI's ATO process and the Office of Public Affairs influence our ability to make decisions in a timely manner?**