



ThinkChicago: Lollapalooza 2017 Civic Tech Challenge

On your ThinkChicago application you identified a problem and tech solution that Mayor Emanuel could implement to make life better for Chicago residents. We were impressed with the responses and would like you to use your creativity to address a specific problem we have identified beforehand.

You were asked to rank your preferences between the following prompts:

- Leveraging Array of Things data to help Chicago residents
- Data on Chicago's homeless population
- Proposing a 2FM vehicle and equipment dashboard

Directions: You have been grouped with other participants to work on one of these projects. Please break into these small groups based on the team name printed on your nametag and begin putting together a proposal to pitch your solution to the City of Chicago. By Thursday at noon, your group will submit a typed one-page proposal outlining your idea. You will need at least one laptop or tablet per group to type up your proposal. Make sure to include the following:

- Identify the data that will help you to solve your problem (Why is this relevant to solve your problem?)
- Introduce your solution. (Is it a product or service? Paid or free?)
- Evaluate your market. (Who are the target users? Why?)
- Describe the business model and how it works. (Is there enough need to warrant the city supporting your proposed tech idea? Is it viable?)

List your team name and the individual names of your team members at the top of the page. Send your proposal to civictechchallenge@gmail.com as a PDF saved in the following format: ThinkChicago_Team_Name.

Next steps: The top proposals will be selected at the end of the Thursday. Teams whose proposals are selected to advance, and a "wildcard" group announced before the finals, will pitch their ideas to a panel of judges on Friday morning. After the final pitches, the judges will select one winning team and the grand prize will be announced.



Think Chicago: Lollapalooza Tech Challenge Prompts

1. Array of Things

Leveraging AoT data to help Chicago residents. In August 2016, Chicago became the first city to launch Array of Things, installing nodes around the city that measure urban features. Propose a way to use this data (using the Array of Things "If This Then That" [IFTTT] module or in another format) to allow the City of Chicago to better understand what's happening and/or to improve the overall experience of Chicagoans living in the city.

2. Department of Family and Support Services (DFSS)

Homelessness is a real challenge facing populations in major cities all across the United States, including Chicago. Every year, the City collects data on the homeless population as part of an annual homelessness audit. Perform a thought experiment that identifies ways to use or improve the data collected, among other information publicly available to the City of Chicago, to inform and justify potential policy, technological, or other types of interventions.

3. Department of Fleet and Facility Management (2FM)

2FM vehicle and equipment dashboard. The Department of Fleet and Facility Management (2FM) manages and maintains over 14,000 pieces of vehicle equipment. Over the past year, they implemented Fleet Focus M5, which is a system managing all aspects of the city's fleet. 2FM relies on the data collected by the system to make informed decisions. Propose a "dashboard" design that would allow managers and supervisors to see performance levels in real-time, allowing management to quickly respond and address issues