



Election Day Troubleshooter Tracking

July 12, 2017



Los Angeles County

- For a county wide election the Registrar-Recorder/County Clerk must provide services to the citizens of the county taking into account the following:
 - 1. Total area of the county – 4105 square miles
 - 2. Number of Vote at Poll precincts – approximately 4500
 - 3. Roadways covered by Vote at Poll precincts – 33500 miles
- Given a limited number of resources and staff, there is a need to maximize the work effort and minimize the waste in covering these areas and distances.



County Wide Elections

RR/CC dispatches Troubleshooters on Election Day to solve problems arising at polling places.

1. Election Day Troubleshooter Dispatching.
 - a. Each Troubleshooter is assigned to a route of approximately 90 polling places.
 - b. Average area covered by a Troubleshooter is 50 square miles on average.
 - c. Critical problems require prompt attention.
 - d. Closest Troubleshooter to a polling place may not be the one assigned to that route.



Dispatching

- Needed a solution for tracking Troubleshooters so that they could be more quickly and efficiently dispatched by showing their location on a real time map.
- Map also needed to show the location of all polling places in the county as well as other county data relevant to the election.
- Ability for both Dispatchers and Troubleshooters to be able to see the same map. Dispatchers on their computers and Troubleshooters on their smartphones.

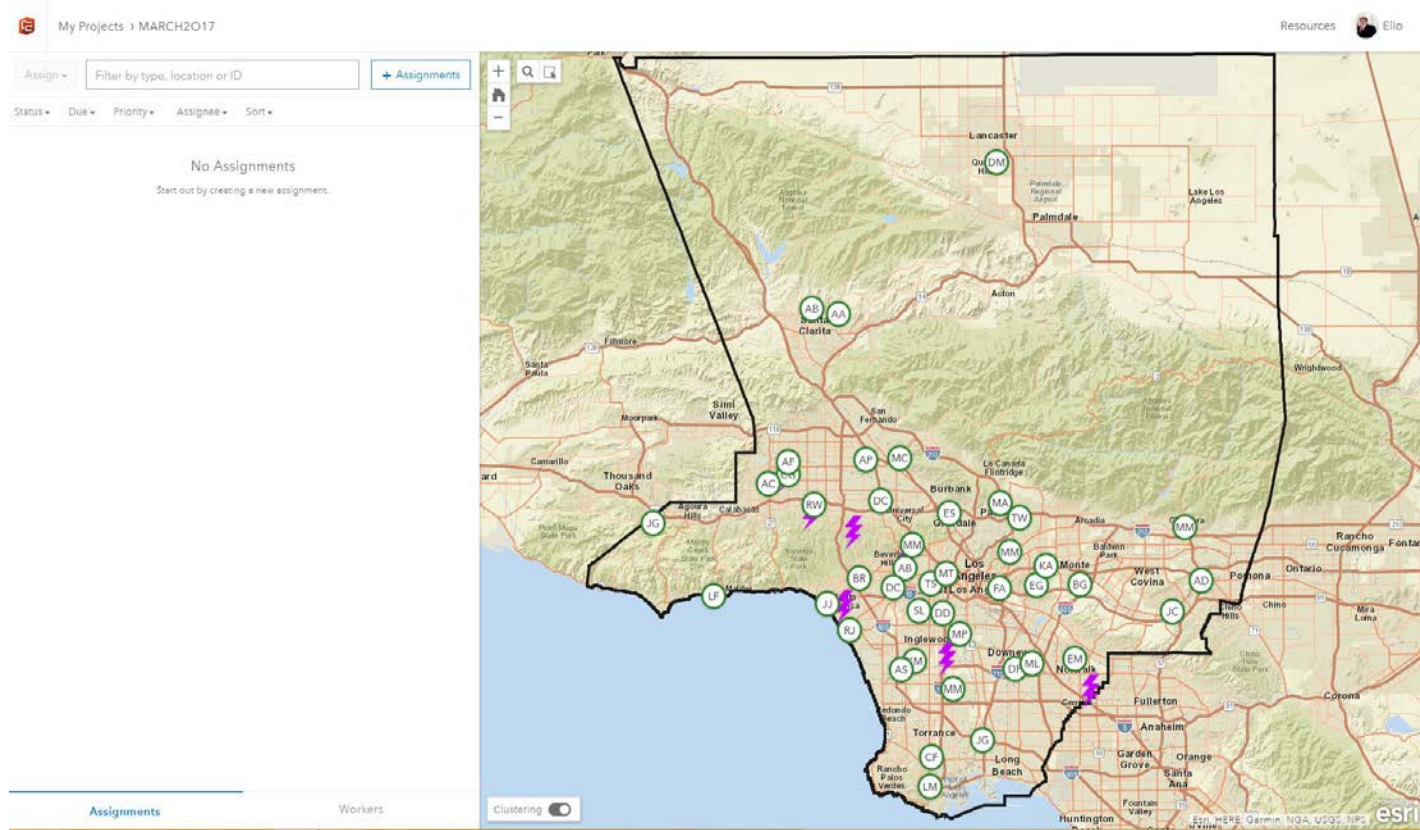


ESRI Workforce

- A web based map application that enables a common view in the field and the office. The map in the office is used to track staff in the field and create work assignments. The staff out in the field see the same map through the use of the mobile app, and are able to work through their assignments which appear on their personal To Do list.
- Real-time awareness provides insight from the office into the status of work assignments.
- Integrates with existing GIS applications and data. Maximizes efficiency by displaying only the data required for your operation.



Map showing location of Troubleshooters and polling places with critical problems.





Map showing location of polling places, check in centers, and Troubleshooters.

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Assign = + Assignments

Status ▾ Due ▾ Priority ▾ Assignee ▾ Sort ▾

No Assignments
Start out by creating a new assignment.

Assignments Workers



Map showing list and status of work orders.

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Assign Filter by type, location or ID + Assignments

Status Due Priority Assignee Sort

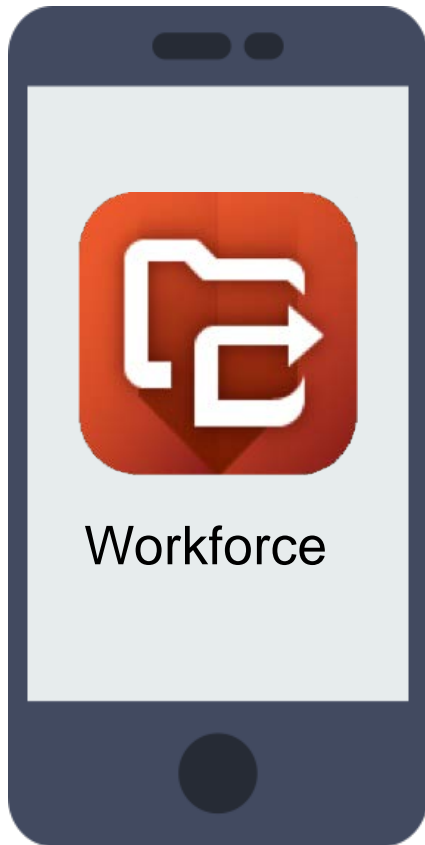
12 assignments

- Polling Place / Pollworker**
Poll - 6250045A, ST ANNE CHURCH & SHRINE, 2011 COLORADO... JJ
High Priority
- Polling Place / Pollworker**
Poll - 9000259A, ST MARYS ASSYRIAN CHURCH, 5955 LINDLEY A... RW
High Priority | Due in 8 hours
- Polling Place / Pollworker**
Poll - 0700003D, WOODLAWN AVENUE ELEMENTARY, 6314 WO... DP
Critical | Due in 8 hours
- Opening Polls: Set-up / Staff**
Poll - 3300023A, WINDERMERE PARK, 15261 CHESHIRE ST, LA ML... ML
Critical
- Polling Place / Pollworker**
Poll - 9000968A, FILIPINO AMERICAN COMM OF LA, 1740 W TE... MT
High Priority
- Polling Place / Pollworker**
Poll - 1780075A, SOUTH POINTE MIDDLE SCHOOL, 20671 LARKS... AD
Medium Priority
- Polling Place / Pollworker**
Poll - 9001049A, LAKE ENCINO RACQUET CLUB, 18111 CHARDO... RW
Critical
- Poll Watchers / Electioneering**
Poll - 1780014A, DIAMOND BAR UN CHR OF CHRIST, 2335 S DIA... AD
Low Priority
- Polling Place / Pollworker**
Poll - 9001841A, ALBION ELEMENTARY SCHOOL, 322 S AVENUE... MM
High Priority
- Polling Place / Pollworker**
Poll - 9000348C, WALTER REED MIDDLE SCHOOL, 4525 IRVINE A... AF
Critical | Due in 8 hours
- Polling Place / Pollworker** [icon]

Assignments Workers

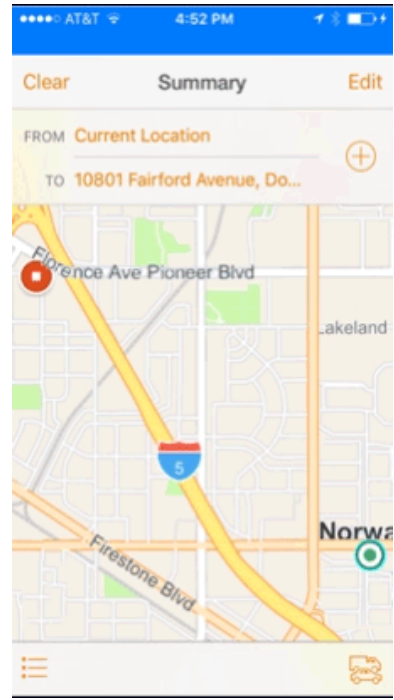
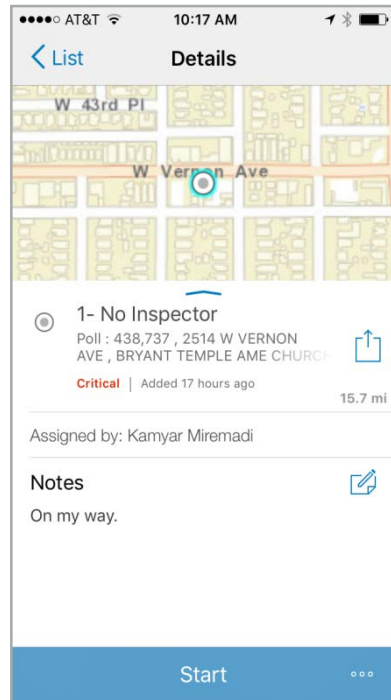
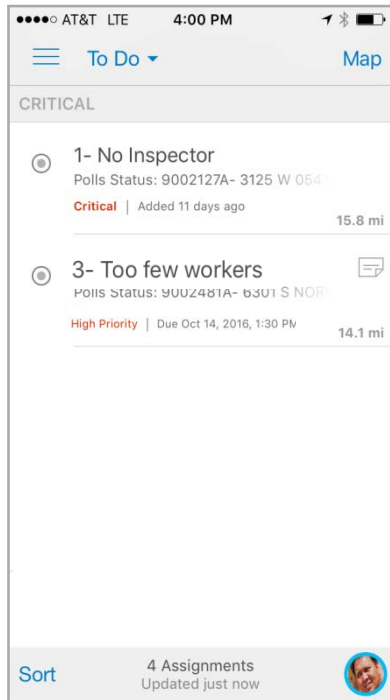


Workforce application on the mobile phone.



Real-time Awareness

Maximizes Efficiency





LIVE DEMO

Q & A