County of Alameda
Information Technology Department

Alameda County

Data Sharing Initiative
Portfolio of Ideas

December 2015

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1 Internal Data Sharing – History

Alameda County's Board of Supervisors endorsed the goal of providing its residents a more transparent and open government with their Open Data Sharing Initiative. Alameda County officially kicked off its data sharing efforts in 2011 when the Alameda County Board of Supervisors created a Data Sharing Committee co-chaired by the Chief Information Officer (CIO) and the County Administrator's Office (CAO). The committee meets on a recurring basis and is attended by representatives of each agency and department in the County. The centerpiece of this effort is the Alameda County online data site, *data.acgov.org*, which was made available to the public in October of 2012 and refreshed in April 2014. The site offers easy-to-access links to 140 plus datasets of public information about County operations, i.e. crime reports, restaurant inspections, and information about local parks and transit districts.

To educate the community and promote the usage of open data, the County took the next step in the initiative by hosting three Apps Challenges (Hackathons) in December 2012, April 2013 and May 2014. The events focused on utilizing the datasets as a resource for the participants (developers, civic activists, youth, and the curious) to build mobile and web applications in a collaborative team environment that benefits the community as a whole (*code.acgov.org*).

Rethink AC was introduced to Alameda County employees by the CAO in September 2013. After two successful external Hackathons encouraging citizen innovation and participation with government and technology, it was only fitting and appropriate to take the same goal in-house with our very own County employees who have the knowledge, skills, and experience to improve County processes and services.

This document includes all community and employee apps and ideas created by the various initiatives launched from the Open Data Sharing Initiative.

2 Data Sharing Committee

The Data Sharing Committee is co-chaired by the CAO and CIO. It includes representatives from each County agency and department. It meets regularly, currently on a quarterly basis, to strategize and direct data sharing activities for both internal and external activities.

3 Data Portal

- **185+ Datasets**
- **Mobile friendly**
- **Refreshed in April 2014**
- *data.acgov.org*

3.1 Community Apps:

The County implemented a data portal in December 2012, from Socrata, that is a repository of County data made easily available to the public. The portal includes tools to encourage users to analyze, export and create data visualizations and to integrate the data with web and mobile applications. The open portal datasets serve as a valuable resource for developers, civic groups and anyone else interested in building their own applications to address the tough problems faced by local government today.

- **Bookit –** The Bookit app allows users to scan the barcode of any book with a smartphone and then to check whether that book is available in a County library branch (Apple Store).
- **Alameda County Parks & Recreation (ACPR) Finder –** This app won 2nd place at Alameda County's first hackathon, ACApps Challenge 2012. The ACPR Finder app displays information about parks and recreation areas within the County. You can select park features like hiking trails and volleyball courts and the app will let you know which parks have those features.
- **Alameda County Tax Calculator –** This app uses Alameda County's property tax and assessment datasets to show financial information about a property.
- **AcPaFi** (Mobile and Desktop) **–** The Alameda County Path Finder app is a versatile 4-in-1 application that serves as a digital pocket guide for citizens in Alameda County. You can use AcPaFi to find new restaurants, schools, libraries, hospitals, etc. in your area.
- **GreenByME –** GreenByME locates certified green businesses in Alameda County – built with the goal of engaging residents and visitors with sustainable green practices of their community.
- **Alameda County Info –** The Alameda County Informational app helps its residents to find information about the County. It includes restaurant inspections, crime stats, schools, parks, hospitals, health clinics, senior centers, and emergency shelters.
- **Alameda County Access –** Alameda County Access enables residents and visitors to stay up-to-date with County news and events. Citizens can share information with others through social media.
- **Is It Green –** This app allows users to quickly check if a business is green certified by searching for the business by name. The app is designed to be simple, attractive and responsive.
- **Is the Biz Green -** Tells you whether or not you're inside a green business.

4 Apps Challenges – Castro Valley Library

- **120 Participants**
- **24 Teams/Ideas**
- **6 apps**
- *code.acgov.org/2012*

4.1 Winners:

- **1ST PLACE – BOOKIT!** – The BookIt! app connects Alameda County residents to their local libraries. One of the cool features of the app is that you use your smartphone to scan the barcode on a book. The app will then search Alameda County libraries for that book. It displays the availability of the book and allows you to reserve it at the local library branch.
- **2ND PLACE – ACPR FINDER** - Alameda County Parks & Recreation or ACPR is an app that displays parks and recreation information in Alameda County. The map interface lists all parks and recreation locations. But, the best part of the app is that you can search for parks and recreation areas that include specific features like playgrounds, hiking trails, basketball courts, etc.
- **3RD PLACE – SNAPMAPPER!** - the Yelp for food stamp users, the mobile app helps people make the most of their funds by finding the store that meets their needs whether that is distance, price or quality. SNAPMapper lets users rate stores and identify the ones gouging shoppers or that should not qualify to accept SNAP, the new name for food stamps. The app will also offer directions and AC Transit routes.

4.2 Honorable Mentions:

- **ACPOI –** An app that displays points of interest in Alameda County.
- **Alameda Seniors –** Uses Alameda County datasets to show where senior services are available.
- **Click.Find.Help**! **–** Helps public find services based upon their zip code.
- **ParkSafe –** App not only displays available parking but uses Alameda County crime data to show the "safest" places to park.

4.3 Other Apps Presented:

1. Eats
2. L & L
3. OMT
4. Fee Me
5. One for All
6. Road Scope
7. Alameda Explorer
8. Pool Tool Tool Pool
9. Team Green
10. Smart Property Tax
11. Eat Fresh
12. Orgit Eyes
13. Certified Green Business
14. Alameda Fixit
15. PreCrime
16. Martins
17. Vostimonial

5 Apps Challenges – Berkeley High School

- **150 Participants**
- **20 Teams/Ideas**
- **6 apps**
- *code.acgov.org/2013*

5.1 Winners:

- **1ST PLACE – GREEN BY ME!** – This winning app displays Alameda County green businesses. It includes a map showing where the businesses are located. The cool part of this app is that you can check-in at the businesses and earn badges for doing so.
- **2ND PLACE – WHERE TO DUMP IT?** - An app that attempts to answer the question, "Where Do I Dump My Hazardous Waste?'' The app uses Google maps to display disposal locations, and allows users to filter the map by types of hazardous waste like batteries, paint, and solvents.
- **3RD PLACE – HOME SCHOOL** - An app designed to help parents make a more educated decision when buying a house. The premise is to provide parents with public school ratings and private school costs in a particular area, letting the user factor in education costs when determining the affordability of a neighborhood.

5.2 Honorable Mentions:

- **Helping Hands –** Honored for Best Non-Tech Pitch. The app is designed to help connect students to their local community through listings of jobs and volunteer opportunities.
- **ALAMAP –** Honored for its Creativity. The app that allows you to see what is happening around you today. It includes local/County events, emergency notifications, and social media updates.
- **AC SeekIt –** Honored for Design. The app allows users to share what places they are interested in. They can check-in at different points-of-interest and share that with friends.

- **Awareness –** Honored for Presentation. This app presented by two Berkeley High School students makes you "aware of what is there". Includes categories for crime reports, hospitals, and schools. You can also place pins on the app to mark things like potholes to share with other users.

5.3 Other Apps Presented:

1. Sexy Bedbugs
2. eDocs - Drawing Assistant
3. Graffiti Reporter
4. Neighborhood Match
5. I-School App
6. Community Helper
7. ACPaFI
8. Adrien Lamothe
9. Momento
10. Emergency Shelter
11. AC Critters
12. Property Tax Calculators
13. Alameda Voice

6 Apps Challenges – Dublin High School

- **170 Participants**
- **22 Teams/Ideas**
- **2 apps**
- *code.acgov.org*

6.1 Winners:

- **1ST PLACE – ACCESS HELP** - ACcess Help is an app that helps you be prepared for a disaster. It also includes information that would be useful after the disaster with information about local shelters and the ability to text your location to emergency responders if you need assistance.
- **2ND PLACE – IS THIS BIZ GREEN?** - A quick-to-use location based app that tells people whether local businesses are certified green businesses. It uses the Alameda County Green Business dataset and can be accessed at: http://bit.ly/isthisbizgreen.
- **3RD PLACE – ALAMEDA MOVE** - Alameda Move aspires to make a positive impact in the health of the community by reducing obesity rates. The app would engage users with their friends and connect them to each other and activities in local parks, etc. It will encourage kids to have fun outside and be fit with their buddies. It will encourage healthy habits in a fun way.
- **ESRI AWARD – AC JOBS** - A platform that helps people find job opportunities or community services in Alameda County. It includes career opportunities but also uses Esri technology to map local opportunities for people to earn money such as walking dogs, house cleaning, or yard work.

6.2 Honorable Mentions:

- **My Farmer** - The My Farmer app is like Yelp! for farmer's markets. However, it does more than just list and rate farmer's markets. It also includes features for low-income users such as whether or not food stamps are accepted by the farmers at the market.
- **GALA** - Helps to find venues in Alameda County that are available to book.

6.3 Other Apps Presented:

1. Alameda Food Safety
2. Walking Buddy
3. ACE (Engage Citizens)
4. Smart Shower
5. SafeWalk
6. A La Bike
7. My Closet
8. AC Smart Eats
9. Crime Blasters
10. Mis Cosas
11. Mindit
12. Project Community Connect
13. Civic Reports
14. CEBES (Points of Interest)
15. Team Rocket
16. Project Arclite
17. CIBE (Check IT Before Eat)

7 Apps Challenges – James Logan High School (Union City)

- **140 Participants**
- **22 Teams/Ideas**
- ***code.acgov.org***

7.1 Winners:

- **1ST PLACE – AC-SMART ECO - DRIVE** - This is an app for GPS enabled mobile devices that reduces fuel consumption and protects the environment. This app also gives the most efficient route.
- **2ND PLACE – DISASTER PREPAREDNESS** - An app that provides shelter locations, alert subscriptions, emergency phone numbers, safety kit, info, etc.
- **3RD PLACE – LET'S PLAY** - This app connects Alameda residents who desire to play a sport at a local park, but have insufficient amount of players.

7.2 Honorable Mentions:

- **Cyber Sense** - Website/App to raise awareness amongst Alameda County Tweens/Teens about safety when using different forms of social media that are popular.
- **ServAC** - A community service app that will help people find volunteer opportunities that are interesting to them easily.

- **On the Go** - On the go helps find the closest bathrooms to your current location. Operations on County's data and user feedback as well.

7.3 Other Apps Presented:

1. UVI
2. Alameda Crime Watch
3. Eat.edu
4. Be Water Smart
5. Hype
6. Housing Trend

7. Breathe Alameda
8. Safely Park-It
9. Unity in the Community
10. ACHP – Senior Health Care
11. Aconnect
12. DirectMe

13. Where2Go
14. Earthquake Readiness/Response
15. AC Budget Master
16. Urban Mosaic

8   Rethink AC 2013

- **130+ Participants**

- **18 Teams/Ideas**

- **5 Winners**

- **5 Products**

8.1   Winners:

- **BEST OF THE BEST**: ALCO Services Direct - a mobile app that would provide information on community services and resources in many categories, including food, housing, child care and transportation.
- **INNOVATION:** 4 Aces - a mobile app and online calendar called ACE 4 Me provides users with a user-friendly listing of County-related events that can be easily filtered by event type – public meetings, media events, farmer's markets, etc.
- **COLLABORATION:** My ACcount - a web and mobile app concept that would allow users to develop their own secure accounts providing up-to-date information about the latest Alameda County services and the status of any pending business they may have with the County related to issues such as housing, health care, food and other services.
- **TECHNOLOGY:** Right Here - a project that would help users to navigate the large number of County facilities by posting QR Codes outside County buildings. These codes could be quickly read by smart phones or other imaging devices, and provide detailed information to customers about where to go to get the services they need.
- **GREEN:** ALCO Pay - a mobile and web-based app concept that would help speed up the process of paying the County's many contractors through an electronic invoice system to replace a process

where contractors seek payment by mailing paper invoices to the County. The system promises to save reams of paper and cut down on employee processing costs. It also would allow users to track the status of pending payments up to the minute.

8.2   18 Teams/Ideas:

1. ALCO Services Direct
2. The 4 Aces
3. MY AC
4. ALCO Pay
5. Right Here
6. For the People
7. The "Y Nots"
8. HD Mobile
9. The Fruit Tree Finder
10. Talent Database
11. Ulysses
12. Aud-ballors
13. VIP Solutions
14. The PA Team
15. Waste Food Processing
16. AC Public Nurse Share
17. ALCO Watch
18. ALCO Bennies

8.3   5 Products:

- **Calendar Mobile App** – a mobile calendar app that provides up-to-date information about local events. It is a simple calendar/event mobile app for both the public and AC employees to easily access up-to-date County events such as: public meetings, workshops, trainings, festivals, farmer's markets, etc.   See *http://calendar.acgov.org*.
- **Automated Invoicing** – a web-based solution for providers to submit claims and invoices to the County that greatly reduces paper storage needs. Departments use FileNet to scan images with a link to ALCOLINK with automated approval workflow. Invoices are no longer sent for scanning or to Iron Mountain for storage. This process has resulted in reduction of verification time from 40 hours to 8 hours while also reducing scanning and storage costs by approximately $500,000 annually.
- **Electronic Vendor Payments** – a new system that ensures prompt payment to providers through electronic funds transfers, saving significant printing and postage costs - eliminates the need to create and mail checks. Development was included with the PeopleSoft Financials upgrade.
- **Automated Personal Expense Claims** – a paperless electronic process for employee claims that eliminates the need to process paper forms. AC$BIZ automates employee-related claims eliminating slow and cumbersome manual form processing for personal expenses, flexible spending account reimbursements, stipends, etc.
  - o   Short-term – Created an excel spreadsheet to make item entry and calculations easy.
  - o   Long-term – Requirements and exploration scheduled for Q4 2014.
- **Medi-Cal Reporting** – an automated reporting system to assist Behavioral Health Care and community based partners in helping clients with mental illness. Facilitates assistance for clients with mental illness, by creating an automated report to be broadcasted to case managers to notify them of when their clients have Medi-Cal paperwork due, and whether the paperwork was submitted.

9 Rethink AC 2014

- **125+ Participants**
- **13 Teams**
- **6 Winners**
- **30 Ideas**

9.1 Winners:

- **BEST OF THE BEST:** ALCO PAL - One site information portal for permitting process in unincorporated Alameda County.
- **INNOVATION:** My VFD (My Visual Fire Department) is an app that will allow the residents of Alameda County to communicate directly with fire fighters and paramedics using technology that is in nearly everyone's pocket. Dispatchers will be able to connect 911 callers to emergency responders. Using a camera equipped smartphone or tablet, the caller can send real-time video that will enable responders to make assessment and decisions that can currently only be made on-scene. This app will allow resources to be used more efficiently and will save lives by helping firefighters and paramedics to make faster and better decisions about personal and equipment response**.**
- **ENTREPREUNERSHIP:** ALCO BIZ - Enhances the existing Alameda County Procurement website to create one centralized location for all county departments. Allows public to easily access and apply to contracting opportunities for their smartphones.
- **COLLABORATION:** LEAP - (Leveraging Education and Professionalism) aims to increase the workforce and economic well-being of businesses, colleges, and job sectors by reducing unemployment, increasing job retention, engaging workforce, increasing profits and fulfilling job demands through education.
- **TECHNOLOGY:** AC eShare - Alameda County e-share, or ACE Share, is a secure file sharing program that allows employees to access information in an efficient, cost-effective, green conscious way.
- **GREEN:** ALCO Assist - A mobile app that would list closest urgent services to your current location - local medical, police and fire assistance.

9.2 Honorable Mentions:

- **HONORABLE MENTION:** ALACO VIPS - Minimizes long lines, wrong lines and overall time spent waiting. Design an app or mobile device to be used by customers from home or while waiting. Or staff use to "Triage" long lines. Get customers to the right place right from the start.
- **HONORABLE MENTION:** Find it Service Link - User friendly keyword search for public to easily find services.

9.3 43 Ideas and Pitches:

1. ALCO Pal
2. ALCO Assist
3. Happy @ ACGOV
4. ALACO VIPS
5. ALCO Biz
6. My VFD
7. AC Career Connect
8. ALCO Guardian
9. AC eShare
10. Find it Service Link
11. LEAP
12. Career Connect
13. AlcoSafe
14. Talent Match
15. Surplus Select
16. Parenting App
17. AC Civics Team
18. AC Apps
19. ALCO Source
20. Service Locator
21. Share Talent
22. ALCO Health
23. Streamline Services
24. ALCO Permit
25. ALCO CPS Case Plan
26. Facetime 4 Emergencies
27. Online Payments
28. Ideas App
29. Fun App
30. ACWork
31. VIP Solutions
32. The PA Team
33. Waste Food Processing
34. File Sharing
35. Public Safety
36. Emergency Services
37. Pulse Survey
38. Kitcode
39. Dental Health
40. ALCO Med
41. Icare
42. Survey Ap
43. Central Procurement

10 Leadership Academies

10.1 Youth Leadership Academy – Mini-Hackathon 2014

- **40+ Participants**

- **6 Teams/Ideas**

The Alameda County Youth Leadership Academy (YLA) is a free, award-winning program that gives high school juniors and seniors the opportunity to learn about and discuss County programs and services, develop leadership skills and meet other students from schools throughout Alameda County.

The Youth Leadership Academy program for 2014 included a mini-version of a full day hackathon.

Ideas from the Youth:

- **AC Care** – A one-stop app to track medical prescriptions. Includes built-in reminders, prescription instructions, refills schedules, locations and maps, etc.
- **MyAC Mobile** – Provides general County services like parks and recreation info, crime statistics, property info, social services, events, school districts, documents and forms, etc.
- **Know B 4 U Go!** – An app that allows teens and children to determine the safety of a destination prior to their arrival by looking at crime history.
- **GM Get Money** – Alameda County job search app that looks at the County and local business job opportunities.
- **AC Street M**e – Provides a simple and intuitive platform to identify and view public works safety concerns (stop lights out, construction congestion, road damage, clogged drains, etc.).
- **STVITP** – The Stop the Violence, Increase the Peace (STVITP) app will allow people to anonymously report crimes or dangerous situations. The app includes four main sections: Report, Call 911, News & Stats, and Camera.

10.2 Youth Leadership Academy/Youth Radio – Mini-Hackathon 2015

- **40+ Participants**
- **6 Teams/Ideas**

The Alameda County Youth Leadership Academy (YLA) and Oakland-based Youth Radio (YR), two award-winning programs, joined forces in an interactive session (a mini-version of a full day hackathon) where they teamed up to create mobile app concepts and info-graphics designed to bring youth perspective to issues of public importance.

Ideas from the Youth:

- **Tinics - Teens Looking for Clinics!** – Teens use Tinics to find clinics, hotlines, therapy, and shelters. Hotlines gives you answers to questions whether by phone, messaging, or FAQs in a way that you are most comfortable. Shelters will locate shelters nearest to you if you want to avoid living on the street or further away if preferred. Therapy will find a therapist closest to you.
- **Pathway App - A Path to the Ideal Future!** – Guides youth ages 14 to 20 to their future career. Includes job and internship postings and reviews. Allows youth to sign-in and enter profile with photo, name, # of miles willing to commute, education, skills and resume. Employer enters company information and potential careers and internships. Applying to jobs is easy with this app.

- **Super Safety - If You Need Help, Call for Help!** – This app includes three sections; Call for Help, Maps/Directions and Probation & Support. Call for help includes police, medical, fire, animal control and other. Support services includes neighborhood watch, places to return guns anonymously, etc. Maps and Directions give you directions to the closest service based on your location.
- **Hire Me - Facebook For Jobs!** – Need a job, need help finding a job, use Hire Me! Search for a job near you, build a profile and get points for how many people look at your profile. Enter your zip code and a map gives you the ability to drill down on jobs in the area. There is information on both the employer and the prospective employee. 90% of users find a job!
- **Commuticate - Commute and Communicate with Commuticate!** – How to get where you are going by bike, as a pedestrian or a commuter in a car. Get gas prices, locate hazards, and use social media. Enter your destination, how you want to travel and get instant directions. Login and post videos, pictures, blogs and use social media to warn of traffic or incidents.
- **Vote-ed - Getting Voters Informed!** – An interactive website that informs Alameda County residents of voting age information about who the candidates are, Propositions and Measures, and where to vote. It has a map of Alameda County that shows voting locations and a login page for user specific information.

10.3 Adult Leadership Academy – Mini-Hackathon 2014

- **40+ Participants**
- **6 Teams/Ideas**

The Adult Leadership Academy program for 2014 included a mini-version of a full day hackathon.

Ideas from the Adults:

- **AC Health Tracker** – AC Health Tracker app helps users monitor their health with a simple click. It provides advice and information based on the user's symptoms. In the event of an emergency, it lists the hospitals around the user's location and provides easy access to call 911. All the user needs to do is "tap the app".
- **ACYelp** – The Enabler - is a one-stop application which provides information to residents of Alameda County regarding Social Services (adult, foster and child care information), transportation, parks and recreation, bike routes, restaurant reviews and ratings, tax filing providers and other info. It has features like voice search and navigates to other existing apps and URLs to provide information that the user needs.

- **AC Free** – AC Free is a mobile app which allows a user to search for free or inexpensive local activities/events based upon criteria (kids, family, seniors, etc.) or specific location. The results will give the user information such as: costs/fees, event dates, event hours and an event description. In addition, AC Free allows users to upload their own community events that the public may attend.
- **Smart Voter** – Smart Voter is a mobile application to assist County residents with voting and provides election information. The app allows voters to be more informed before they go out to vote and includes the following tabs: Candidate Profiler, Issues That Matter to You, Polling Locations and Registration Information.
- **Build Me Up** – The 'on-the-go' job coach, Build Me Up, provides job search functionality for the Alameda County region with the focus on finding a job that fulfills your passion. Take a personality survey to see what types of jobs are the right fit and submit your qualifications to get the correct match. The app also provides resources to help Build You Up with links to motivational videos, quotes, tips/tricks, job networking guide, direct connections to agencies, and more. Employers can also submit job openings directly from their phone. Build Me Up provides the resources to prepare you for a career and match you to the job that is the right fit for you.
- **PWORKS** – PWORKS is a mobile application that will help provide residents with an easy way to communicate safety concerns (road hazards or obstructions, graffiti, illegal dumping, etc.) to Public Works as well as provide a platform for residents to access already reported safety concerns while they are out and about. The user has the ability to setup notifications within the mobile application to alert the user of current Alameda County Public Works safety concerns by zip code as well as notification of resolved concerns submitted by the user. This provides an opportunity to foster an easy and positive collaboration through a mobile application platform.

10.4 Adult Leadership Academy – Mini-Hackathon 2015

- **20+ Participants**

- **4 Teams/Ideas**

The Adult Leadership Academy program for 2015 included a mini-version of a full day hackathon.

Ideas from the Adults:

- **Insta Health – "Health on Demand!"**

This app provides the ability to enter your health profile, your symptoms and also gives you instant access to health care services such as local doctors, hospitals, 911, urgent care and advice nurses. Features include: Profile page, Symptom Checker, ability to activate GPS, and health alerts.

- **Golden Age Network – "Loved One Look Out"**

This app enables loved ones to alert each other when an elderly family member is injured or needs medical attention. Features include: Registration page, Location Tracker page, and Profile Page (which has medical history and primary doctor contact information for the elderly family member(s).

- **CRAPP (County Response App)**

This app provides you with constant updates on response times for your emergency calls. Updates include: officer assigned, response time, priority information and report information. With this app, you will have the ability to rate the service you received. Another feature/function of the app = Non-emergencies can be directed to the appropriate responders.

- **Snap Vote – "Making Voting a Snap"**

This app makes voting easy – it will determine your GPS location and tells you the closest polling location. Voters can enter their voter information and view an electronic ballot.   Voters can also learn more about measures, propositions and candidates (priorities, bio, candidate statement, etc.) You can vote electronically on your smart phone and bring your phone to sync up with the scanners at the polls - no more filling out paper ballots!

10.5 Citizens Academy – Mini-Hackathon 2015

- **20+ Participants**

- **5 Teams/Ideas**

The Citizens Academy program for 2015 included a mini-version of a full day hackathon.

Ideas from the Teams:

- **Walk Share**

Find a group or a walking buddy for safety or recreation. The App will help those who want to walk at certain times, routes, along with other characteristics, such as walking with dogs, with the elderly, etc. spontaneously (similar to Uber). Users can input preferred-buddy characteristics, date, time, meeting location and route they need a walking buddy. Users can rate the safety, road conditions (crime, lighting, etc. data) for both their walking buddies and road conditions.

- **AC Zoom**

An easy way to find out the various transportations options that users have to reach their destination. The search for transportation options will be based on personal preferences: cheapest option, fastest option, scenery, physical exercise, etc. The user can save various preferences and reuse them in finding the optimal transportation option based on preferences. The user will insert their destination and the starting point will always be the current location. The Settings screen is where the user sets up their preferences: cost, time or bike, car, Uber, bus, BART, walk, scenery for tourists. The search will present all the transportation options based on the selected settings. The map with the highlighted route will be displayed once an option is selected. The option will also consider traffic conditions: accidents, construction work affecting the traffic. The app will also offer a way to report a traffic light that takes too long or it does not function correctly.

- **RE: Resource, Report, Respond**

A geolocation-enabled app designed to be a platform where citizens and Trained Cert Responders of Alameda County can both receive and report information on an array of emergency situations – from broken streetlights to missing persons. Trained Cert Responders can log in, find a listing of events in need of response, mark that they are available or unavailable and the app will tell them where to report to. Citizens will have access to a variety of resources, information, and tools in the event of an emergency or disaster situation. There will be an area for information such as weather alerts or street closures, and an area where one can find resources such as shelters, drinking water, or location of missing persons. With the reporting functionality, a citizen can tap a button and inform others – including Trained Cert Responders – of anything from a found pet, to a robbery, to someone smoking on a BART train. RE will consolidate emergency alerts and provide a platform for citizens to do their part in making our beloved county a safer place.

- **FunFinder**

Do you ever want to know what events are available in Alameda County? Here is an app that will locate fun events in Alameda County for you on the go. Enter when and what you would like to do and the app will tell you what is available.   Once you choose your event, it will allow you to buy tickets, tell you when the event starts and give you directions to get there.

- **How Can I Help? – The Matchmaker for Volunteers!**

This app connects people interested in volunteering to Community Based Organizations (CBOs) looking for volunteers. The individual could setup a profile listing their areas of interest to volunteers along with their availability. The CBO, likewise, could setup a profile of volunteering opportunities explaining what they are looking for and when. When the individual's availability matches with the needs and time of the opportunity the system would connect them. This app would also allow the individuals to donate their gently used items with the CBO.

11 Executive Development Program

- **20+ Participants**

- **4 Teams/Projects**

- **21 Ideas**

The Executive Development Program for 2015 included a mini-version of a full day hackathon.

Team Projects:

- **PIE - Portal for the Integrated Employee** – An employee dashboard that is personalized for the info you need in the work place. It includes different modules such as a career map (promotional and lateral), a link to the payroll system for time entry/pay info, ACERA for retirement info/planning, an ALCO feed that includes Facebook and Twitter, the Shuttle Schedule, and personal Wellness/Fitness info. A great tool for employee communication with a CAO Corner, County Corner, and department specific announcements.
- **Be There - Drive Less, Save More** – The County spends $1.1 Million on mileage reimbursement, loss in productivity from employees driving to meetings, environmental impact and stress. Save approximately $500K annually by encouraging employees to use county cars, increase employee productivity and reduce stress, improve access to county cars and reduce emissions through alternative transportation options by creating an app that will supply employees with the following meeting options:
    - Virtual Meetings – description and how-to's
    - Events - How to Ride Share
    - Locate a County car near you
    - Take alternative transportation (Bikes, BART, etc.)
  Rollout includes quantifying costs by department and introducing county-wide competition.

- **ALCO Hear - Text to Audio for the Website** – A text to audio feature that would provide access to Alameda County services especially to the aged, blind, disabled and those with reading difficulty as a time saving feature. It would be available to all Alameda County websites that would benefit anyone needing access to Alameda County info in a hands-free way.
  ALCO Hear would improve employee productivity and address ergonomic needs allowing time efficiencies and reducing eye strain. A way of meeting California Safe driving laws and reducing the societal foot print. It also translates languages allowing monolingual populations to have access to English only websites.
- S**oftware Square - Where Current Technology Lives –** A one-stop shop for common software at a pre-negotiated price reducing time to get needed software and providing a cost effective solution. The portal would contain common software like Snag-it, ADOBE or agency specific apps. Based on the enterprise negotiated price, it may be free or at a reduced cost. The system would recognize what department you are in and what software is required. It will provide the appropriate approval work flow. It would provide instant downloads of the most current versions or updates that will eliminate the need for IT to order and install, eliminate an RFP or 3 bids in some cases and automatically download the software saving time.

Individual Idea Pitches:

1. Private Sewer Lateral (PSL) – cost sharing grant program for county residents who are required to change the PSL. – As incentive and to provide assistance to residents with the cost.

2. Use QR codes at service points throughout county to provide real time customer services.
3. Central messaging board with blog for AC employees – with classified section. Charge nominal fee for classifieds. Also offer to businesses for small fee to advertise/offer coupons to employees, etc.
4. Employee dashboard – portal with social media component for public safety info, etc.
5. Provide citizens with link on our websites with resource info re: their personal disability concerns.
6. Software Central – a single place to find all software you need – click a button for immediate download of software needed – save costs – use enterprise contracts.
7. Transportation focus – "Find a County Car App" save about 20 cents per mile/$436k per year.
8. ALCO Services Direct – Central location where citizens can input general demographics – app would pull up a list of services the person is eligible for in one place, and info on where to get the services – could do as kiosk in libraries.
9. Contact homeowners in trouble with their mortgages to provide resources that might help them save their homes – proactive focus.
10. Shave off screening time of new hire process – using "match.com" approach – find a way to short cut this process.
11. App that would take all your retirement info, including ACERA allowance, etc., in one place so employees could see their total retirement allowances at one time
12. "Is it in the…" app – word search on personnel regulations to shortcut management time dealing with HR issues. Would include MOU, policies, etc.
13. Goal setting/tracking app – "Mindful Steward" to help people achieve and track personal goals.
14. Find a way to help County achieve "net zero" goals, "Net Zero Alameda County".
15. Virtual meetings access – find a way to increase opportunities for this – will save significant time.
16. Online payments – Streamline an open portal that will allow for online payments.
17. Solution to move internal documents in a safe and secure way with electronic signatures.
18. Add Audio text to acgov.org website for listening to county info.
19. Crowd funding for local initiatives – allow locals to put in money that will directly help them in their communities.
20. Online System to notify everyone of training needs to help ensure compliance.
21. Career Map – outline positions on a site that will link to a video clip of people in various positions speaking about what they do in the county to help people determine possible path- career map.
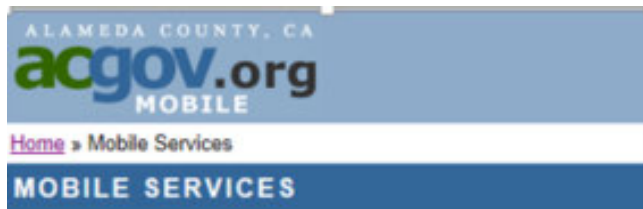
12 Mobile Apps/Mobile Services

12.1 Mobile Apps

- **Alameda County Property** - This app lets you lookup information about properties including property taxes, property assessment, and parcel maps. You can also pay property taxes right from the app.
- **Alameda County Voter Profile** - This app lets you look up your voter profile which includes information about your voter registration, polling place, sample ballot, vote by mail ballot status, language preferences, and which districts you are eligible to vote in.
- **Alameda County District Lookup** - Enter your address and see a list of districts that you currently reside in as well as any districts that changed as a result of redistricting.
- **Alameda County Library on the Go!** - Use your smartphone to search for books, place holds, ask questions, follow tweets and more. Try an easy way to search for books by typing the first couple of letters of words.
- **AlertID -** Protect your family and community with AlertID — a secure communication platform that allows you to share important information with your family, friends, neighbors, law enforcement and other public safety officials.
- **Mobile Citizen -** Report issues such as potholes, graffiti, illegal dumping and other requests for services by simply taking a photo and submitting it directly to the Public Works Agency.
- **Pulsepoint -** The Fire Departments of Alameda County, the City of Alameda, Fremont and Livermore/Pleasanton have deployed PulsePoint, an innovative, GPS powered app which will allow community members to provide life-saving assistance to victims of Sudden Cardiac Arrest.

12.2 Mobile Services

- **5 Mobile Service Apps**
- **6 Business Mobile Apps**

http://www.acgov.org/mobile/services/

- **Alameda County Shuttle** – Provides County employees and the public instant access to information – including schedules and details about stop locations – about the weekday shuttle service that connects key County facilities to BART and other public transportation hubs.
- **California Child Support Arrears Calculator** - Using this simple tool, you can estimate the total cost and time it will take to pay off your past due balance based on the arrears payment you are making.
- **My Candidate Profile** – Candidates can log-in and view their current filing status.
- **District Lookup** – Enter your address to search for your current districts, and to see how they may have changed as a result of redistricting. Subject to change as new district boundary changes are updated in the system.
- **Green Businesses** – Find businesses in Alameda County that have been certified "green" by the Green Business Program.

12.3 Business Mobile Apps

- **Urban Shield** – The Alameda County Sheriff's Office hosts a multi-day training exercise event that involves local, national, and international first responder Agencies. A mobile app was created in 2013 for participants, volunteers, and event hosts to view important event information. *https://urbanshield.acgov.org*

- **Emergency Preparedness App** – A successful redesign of the site includes rebranding the site color, layout, and logo; providing concise Emergency preparedness content (text, videos, graphics); providing easy search and navigation; ability to access the site from a desktop, tablet, and smartphone. *http://ready.acgov.org*

- **My Poll Worker** – Gives each poll worker specific data on their polling location, contact information for their support team, and allows them to view and update their scheduled training.

- **Calendar Mobile App** – A mobile calendar app that provides up-to-date information about local events. It is a simple calendar/event mobile app for both the public and AC employees to easily access up-to-date county events such as: public meetings, workshops, trainings, festivals, farmer's markets, etc. *http://calendar.acgov.org*

- **Budget Dashboard** – The Budget Dashboard is a portal for the public to view the County's finances, providing published budgets along with animated charts and a video abstract. *http://budget.acgov.org*

- **Canvassing App** – The BizChek Canvassing application enables the Assessor's Office to utilize mobile devices for their field visits resulting in efficiency and increased revenue.

- **SitStat** – An electronic mapping system (GIS) for County and Municipal Fire and Emergency Medical Services to track emergency incidents and responding units in real-time.

13 Social Media

Social Media used for marketing, promotion, and engaging the community:

1. **Facebook** https://www.facebook.com/AlamedaCounty
2. **Twitter** http://twitter.com/alamedacounty
3. **Twitter** https://twitter.com/acdata
4. **You Tube** http://www.youtube.com/AlamedaCountyCA
5. **Pinterest** http://pinterest.com/AlamedaCounty/
6. **MeetUp** http://www.meetup.com/ACAppsChallenge/
7. **Flickr** http://www.flickr.com/photos/alamedacounty/
8. **Github** https://github.com/AlamedaCounty/ACAppsChallenge2012
9. **Eventbrite** http://acappschallenge.eventbrite.com/

14 Interns

14.1 – 2013 Projects

- **Shuttle App** – This app was developed by two high school interns over the summer of 2013. The ALCO Shuttle App is used by employees and the public to get information needed to ride the shuttle between County Buildings while they are on the go. From a mobile device, users can find schedules, routes, pick up points, maps and get announcements if service delays occur.

14.2 – 2014 Projects

- **Emergency Preparedness Site Redesign** – A high school intern worked with the County Webmaster to update the look and feel of the County's emergency preparedness website. The redesign required rebranding the site color, layout, and logo; providing concise Emergency preparedness content (text, videos, graphics); providing easy search and navigation; ability to access the site from a desktop, tablet, and smartphone. The redesigned website will be launched as part of the Sheriff's Office Urban Shield training event. http://ready.acgov.org

- **Emergency Website App** – In conjunction with the emergency preparedness site, a high school intern developed a 2nd mobile friendly website (currently in development) that will provide Alameda County residents access to information that is important and necessary to have during an emergency. The site will include access to a map that displays locations of hospitals, fire stations and police stations and provide directions from your 'current location', filter and sort by hospital, fire station, or police station and mileage radius and link to the emergency preparedness site.

- **Women's Hall Of Fame Site Redesign** – The Women's Hall of Fame program honors outstanding women who make great contributions to the community. An event is held annually to recognize women who are nominated every year in several different categories. The current website provides the public information about the event but it was recognized that the site could be modernized. Two high school interns (a sophomore and junior) interviewed inductees and sponsors, gathered requirements, created a new design and presented a mockup of the website's new "look and feel" at the end of the summer.

- **Urban Shield App and Admin** – The Alameda County Sheriff's Office hosts a multi-day training exercise event that involves local, national, and international first responder Agencies. A mobile app was created in 2013 for participants, volunteers, and event hosts to view important event information.   For 2014, minor enhancements of the app were added including an administration module to maintain and update event information "on the fly". Case scenarios were created for the mobile app and the administration module. Working closely with the development team, QA and system testing were completed and bugs reported appropriately. *https://urbanshield.acgov.org/*

- **Shuttle App Admin Module** – The County shuttle routes across the County in three separate regions where County buildings are clustered. The Shuttle app allows riders to plan a trip between buildings on different shuttle routes by integrating the schedule of the public subway system, BART, with the schedule of the shuttles. Using the software development life cycle process (SDLC), a college intern created the GUI admin app using PHP to allow GSA to add and delete routes and add and delete schedules. This will eliminate the need for GSA to contact ITD to perform these updates from the backend.

- **Improve/Aptis Testing** – A college intern created a comprehensive test plan for the new on-demand reporting framework to be used for the Property Modernization Project based on approved functional requirements. The college intern created and revised the test plans for the Auditor Property Tax Information System (APTIS) including the SSRS reports. Executed test plans, documented defects in the OnTime system and completed full regression tests for the application.

- **Criminal Justice –** A high school intern developed SharePoint Workflow to request, manage, and track team leave requests. Implemented a JIRA database connection and executed a data transfer between the two databases.

14.3 – 2015 Projects

- **CRIMS – Business Analytics and Metrics**
- **Redesign of the Urban Shield App**
- **BDM (Birth, Death, Marriage) Website**
- **Property Website Redesign**
- **CRIMS – Self Reporting Portal**
- **Probation Mobile Website**
- **DocuSign – Deferred Comp Forms**
- **Support Services**
- **Server Services**
- **Network Services**

15 Awards/Recognition

15.1 – 2013

- **California State Association of Counties (CSAC)** – 2013 Merit Award Recipient for the Alameda County Data Sharing Initiative.
- **Digital Government Achievement Awards (DGAA)** – Alameda County's Data Sharing Initiative honored in the category "Driving Digital Government - County Government".
- **Silicon Valley Leadership Group** – Recognized for Use of Innovative Technology for the Apps Challenges.
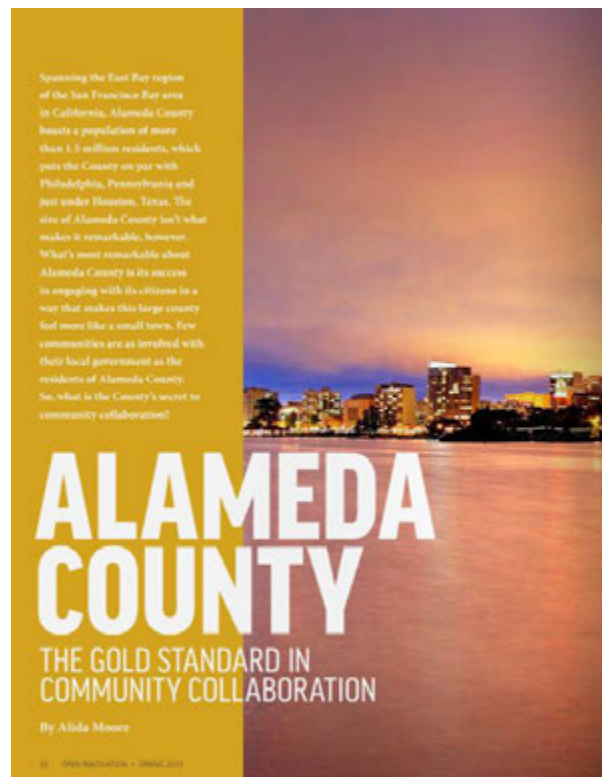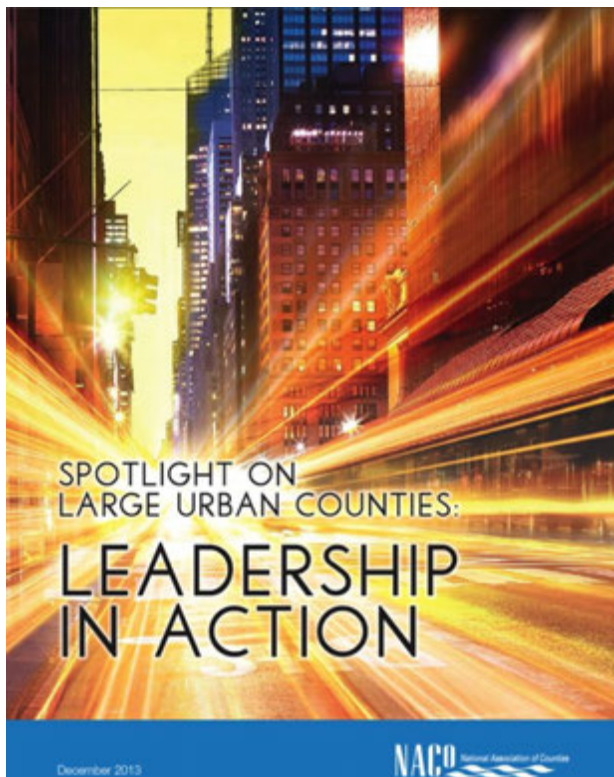- **Best of the Web** – First Place Winner County Category.

15.2 – 2014/2015

- **2015 Excellence in Technology Award** from the California Exposition and State Fair
- **National Association of Counties (NACO)** – 2015 Achievement Award for APTIS, eWarrants, PC-DEC, PREQ, Ready.acgov.org, and ROV Lease Card.
- **National Association of Counties (NACO)** – 2014 Achievement Award for Data Sharing Initiative, Election Apps, My Property App, Canvassing App and ALCO Shuttle App.
- **Public Technology Institute (PTI**) – 2015 Solutions Awards for Data Sharing Initiative, SitStat for Fire Department, Probable Cause Declarations (PC-DEC), Shuttle App, and ROV Lease Card System. Significant Achievement Awards for Canvassing App, eWarrants, Ready.acgov.org, Urban Shield Mobile App, APTIS, Position Request System (PREQ), and Election Mobile Apps Suite.
- **Digital Counties Survey** – 2015 - 7th Place with large focus on Data Sharing Initiative.
- **Digital Counties Survey** – 2014 - 7th Place with large focus on Data Sharing Initiative.
- **Best of California** – 2015 Best Application Serving an Agency's Business Needs: Shuttle Mobile App
- **GovDelivery Integrator Award – 2014** Automated Election Updates through Social Media.
- **CCISDA Innovation Award** – Assessor Canvassing App (BizChek).
- **CCISDA Innovation Award** – Emergency Preparedness.
- **Digital Government Achievement Awards (DGAA)** – Alameda County's Election Mobile Apps Suite honored in the category "Driving Digital Government - County Government".
- **California State Association of Counties (CSAC)** – 2015 Merit Award for the ALCO Shuttle App.
- **California State Association of Counties (CSAC)** – 2014 Challenge Award Recipient for the Assessor Canvassing App (BizChek).

15.3 *Miscellaneous*

- **California County Information Services Directors Association (CCISDA) –** Teaching Hackathons.
- **National Association of Counties - Large Urban Counties –** Alameda County recognized for Leadership in Action - Focus on Open Data Initiative.
- **Socrata Innovation Magazine –** Alameda County the Gold Standard, spotlight on Open Data, Apps Challenge, Rethink AC.
- **Socrata Webinar –** How an Employee Hackathon Saved Alameda County $500,000 http://www.socrata.com/webinars/employee-hackathon-saved-alameda-county-500000/.

16 Appendix A: Alameda County Contacts

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