



EFFICIENTLY ENFORCING PET OWNERSHIP LAWS WITH THE ARCGIS PLATFORM



GIS Geographic
Information
Systems

OAKLAND COUNTY, MICHIGAN



EFFICIENTLY ENFORCING PET OWNERSHIP LAWS WITH THE ARCGIS PLATFORM

Introductions



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GISi





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Background: Oakland County, Michigan

- Population: 1.2 Million
- 62 Cities, Townships & Villages
- 910 Square Miles
- 10 highest incomes counties in the US
- Economic Initiative of “Automation Alley”



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Background: Land Management Technologies

“ *Our mission is to provide a progressive, location-based solution that promotes informed decision making, improves citizen services, and encourages collaboration across all levels of government.* ”



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Background: Oakland County Animal Control

- Oakland County Animal Control established in 1919
- Promotes enforcement of Michigan's pet licensing laws
- Responsible for animal bite investigations, animal cruelty complaints, and **conducts annual pet census**



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Program Challenges

- County size limits annual census
- Workflow high cost, low efficiency

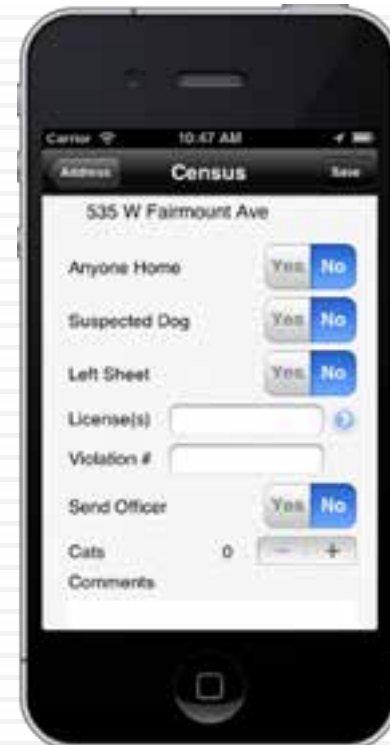
Goal: Eliminate paper, attain higher efficiency from field staff, and increase licensed pets for public safety



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Solution

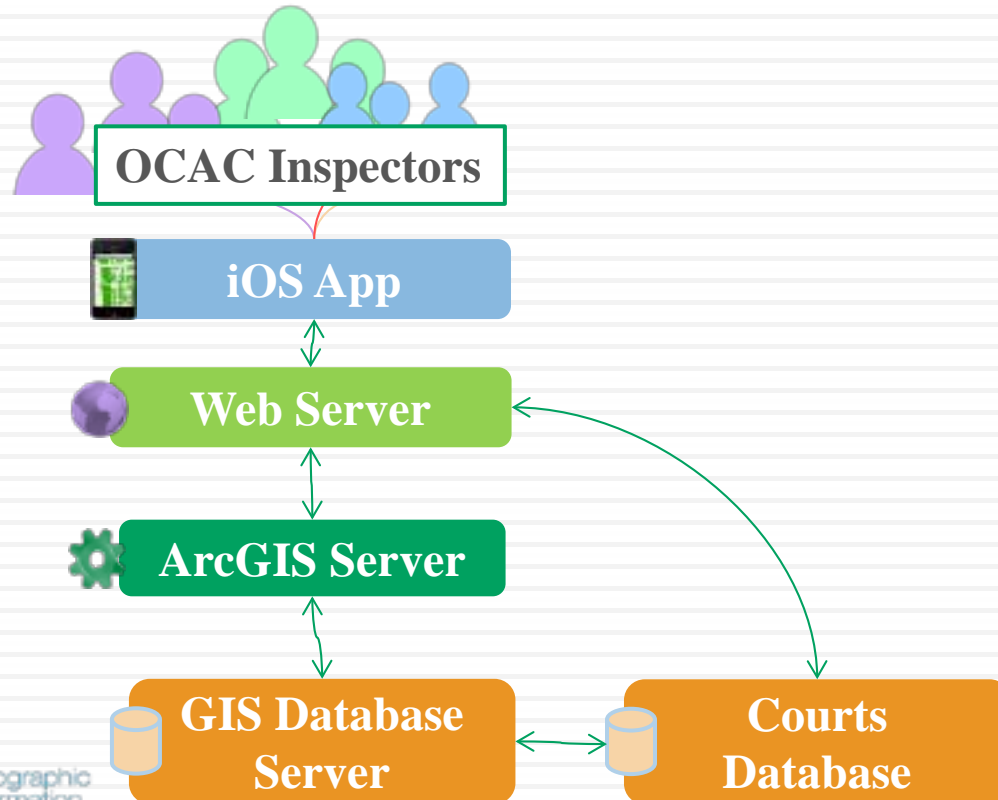
- Implemented native iPhone solution
 - ArcGIS 10.1 services on iPhone 4 devices
- Eliminated data entry
- Increased field staff as result, increased number of communities canvassed





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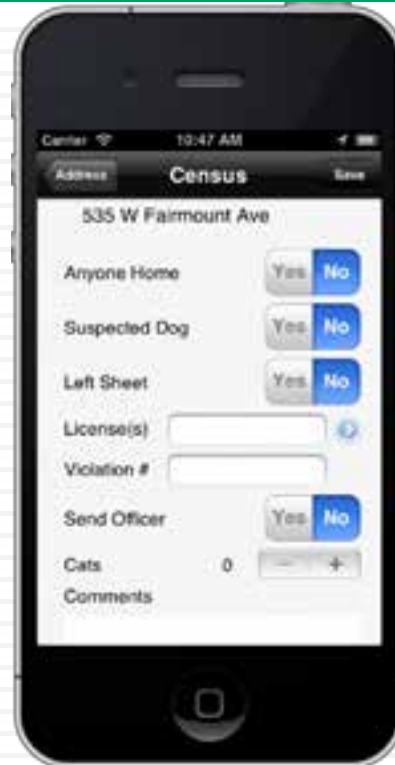
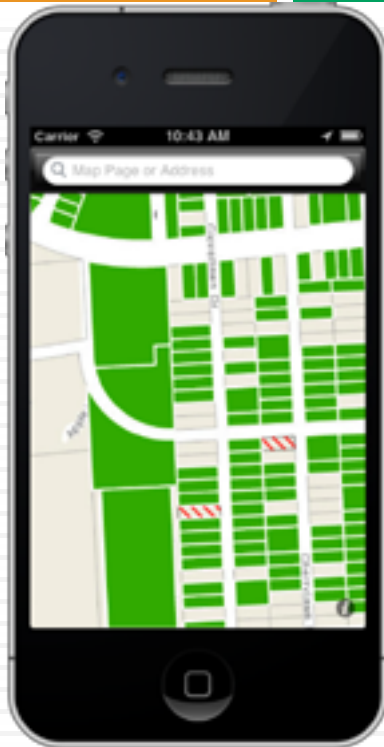
Application Architecture





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Application Workflow





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Census Program Results

- Increased accuracy & efficiency
 - Real time license data provided to inspectors
 - Eliminated redundant data entry
 - Productivity increased for field workers
- Increased pet-licensing, as result revenue increased
- Streamlined monitoring of census progress for supervisors
- Spatial dog license data now available to other GIS users



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Questions?

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Lost & Found