Deploying Fire Service Maps and Apps for Local Government

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Agenda

• Introduction to Local Government Solutions Program

• Fire Service Solution Overview

• Monitor Fire Incidents

• Fire Service Maps

• Getting Started

• Road Ahead, Questions, Resources
Fire Service Industry is Evolving

- Fire Suppression
- EMS Response
- Home Safety Inspection
- Code Compliance
- Training

- Special Operations
- Hazmat Response
- Swift Water Rescue
- High Angle Rescue
- Special Events

- Fire Fighter Safety
- Pre-Incident Planning
- Hydrant Inspection
- Mobile Incident Command
- Accreditation
GIS Has Evolved

Your GIS is an Interconnected Platform

Bringing Together Data, Technology, and People . . .

. . . Creating a Framework for Solving Complex Problems
ArcGIS Solutions for Local Government

Improving local government operations and enhancing services provided to the public

• Collection of useful maps and apps
  • Configurable and extensible
  • Freely available and fully supported

• Community of users (2000+ Meetup members)
  • Best Practices / Implementation Support

• Network of Esri Services and Partner offerings
  • Help users implement, sustain and enhance

…..Available on-premise or in the cloud
Mission

• Deliver maps and applications quickly throughout their organization
  • Roadmap for standard capabilities, improve service delivery, expand reach, innovation....

• Stay current with future releases / avoid legacy technology
  • Save time and money, leverage new ArcGIS offerings, focus on complex or unique problems....

• Unlock geospatial platform so it can be leveraged by many
  • Mitigate many organizational challenges, maximize technical expertise....

• Leverage the collective knowledge of the entire community
  • Best practices, industry tradecraft....
Fire Service Solutions

- Understand trends
- Analyze risks
- Develop plans
- Monitor inspections
- Allocate resources effectively
- Protect human life and property
Show Me!
What are Fire Service Maps?

- A configuration of ArcGIS Pro that can be used by mapping technicians.
- Create station wall maps and run books for each fire response district.
What is a Fire Run Book?

- Author up to date hard copy Run Books for individual stations or entire fire response district
- Contains cover page, index page, street index and map book pages
- Provided in both landscape and portrait orientations
- Use map series to produce map book
- Python scripts for generating street index and binding PDF’s into map book
What is a Station Wall Map?

- Large-format wall maps of each fire response district
- Provides navigation and general reference
- Ability to update data and generate new wall maps
- Use map series to produce multiple wall maps
How do I get started?

Automated Solution Deployment

• Deploy solutions quickly
  • Add-In to ArcGIS Pro
  • One-time install
  • Deploy most solutions in a single click
  • Deploy to your portal

http://solutions.arcgis.com/shared/help/deployment-tool/
Road Ahead

• Simply, simplify, simplify

• Analytics

• Special Events
The Community

It's not just about the technology
## See Us Here

<table>
<thead>
<tr>
<th>WORKSHOP</th>
<th>LOCATION</th>
<th>TIME FRAME</th>
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<tbody>
<tr>
<td>ArcGIS Pro: Producing Fire Run Books and Station Wall Maps</td>
<td>SDCC Demo Theatre 16</td>
<td>Thursday, July 12 12:15am – 1:00 pm</td>
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<tr>
<td>Pre-Incident Planning Maps and Apps: An Introduction</td>
<td>SDCC Demo Theatre 16</td>
<td>Thursday, July 12 11:15am – 12:00 pm</td>
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<td>Combating the Opioid Epidemic and Reducing Homelessness Using ArcGIS</td>
<td>SDCC Room 16 A</td>
<td>Thursday, July 12 1:00pm – 2:00 pm</td>
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<td>ArcGIS Solution Island</td>
<td>SDCC Exhibit Hall – next to the Esri Info booth</td>
<td>Wednesday, July 11 10:00am – 2:00pm</td>
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Thank you
Be innovative, aware, and know you are not alone

🔗 http://solutions.arcgis.com/#Local-Government
👥 http://meetup.com/ArcGIS-for-Local-Government/
🌟 @ArcGISLocalGov
🧩 http://esri.github.com
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