Agenda

- Introductions
- ArcGIS for Water Utilities Overview
- Meeting Common Needs with ArcGIS for Water Utilities
- Getting Started with ArcGIS for Water Utilities
- Demonstrations
- Your Feedback
ArcGIS for Water Utilities

A product for Esri’s water, wastewater & stormwater customers

• Maps and apps focused on water utility work
  – Freely available to Esri customers
    – As a module of ArcGIS for Local Government
    – Fully supported
    – Configurable & extensible
  – Leveraging the full ArcGIS platform
  – Complementary Esri services & partner offerings
ArcGIS for Water Utilities Mission

*Help you increase the value of GIS in your organization*

- Make it easier to deploy ArcGIS
  - Deliver applications quickly throughout your organization
  - Create a geospatial platform that can be leveraged by everyone
  - Stay current with future releases / avoid legacy technology
- Address common constraints in water utilities
  - Size and skills of staff
  - Budget and time available to implement
- Empower the community to contribute
  - Users
  - Partners
A Legacy Approach to Meeting GIS Needs

Piecemeal & Custom

Your Needs

- Organizational Needs
- Industry Specific Needs
- General GIS Platform Needs

Your project

Cost Time Risk

...No longer viable for most organizations
The ArcGIS System Enables a Better Approach

A Single & Comprehensive System for Geo-Spatial Information

Your Needs

Organizational Needs

Industry Specific Needs

General GIS Platform Needs

ArcGIS Platform (Desktop, Mobile, Server, Online)

DIY

3rd Party Apps

Consulting

Your project

Cost Time Risk

Water Utilities are Embracing a Single Geo-Spatial Platform
Water Utilities Have Common Needs & Challenges

ArcGIS for Water Utilities Extends the ArcGIS Platform for Water Utility GIS

Your Needs

Organizational Needs

Industry Specific Needs

General GIS Platform Needs

ArcGIS for Water Utilities

Focused Maps & Apps
Harmonized information model

ArcGIS Platform
(Desktop, Mobile, Server, Online)

Consulting

3rd Party Apps

DIY

Your project

Cost

Time

Risk

...Enabling you to focus on true organizational needs
ArcGIS for Water Utilities Builds on Our Solution Patterns

Asset Management
Store, manage & maintain accurate asset records

Planning & Analysis
Transform data into actionable intelligence

Field Mobility
Get information into and out of the field

Operational Awareness
Disseminate knowledge where & when it’s needed

Stakeholder Engagement
Share information with stakeholders

Water Utility
And Encompasses the Maps & Apps from our Templates

- Local Government Data Model
  - Water, Sewer & Stormwater
- Network Editing
  - Data Reviewer
    - Asset Information Management
- Operations Dashboard
  - Operational Awareness
- Customer Interaction
  - Stakeholder Engagement
- Resource Center
- Mobile Map
  - Field Mobility
- Capital Improvement Planning
  - Planning & Analysis

...An evolution, not a revolution
ArcGIS for Water Utilities Includes an Online Community
Flexible Deployment Options

ArcGIS for Water Utilities can be Implemented in the Cloud

- On Premise
- Cloud Hybrid
- In The Cloud

...More Cloud Options On the Horizon
Implementing ArcGIS for Water Utilities

Simple Steps to Get Started

- Identify business priorities
- Identify business requirements
- Migrate data to information model
- Publish your Maps
- Configure and deploy the apps
The Local Government Information Model

• Supports ArcGIS for Local Government maps & apps
  - Encompass water utility, base mapping & ancillary data
  - Easy to adopt and extend
  - Fully documented
  - Safe FME support (coming this summer)

• Includes GDB schema, services & map documents

• An evolution of Esri’s Water & Wastewater Data Models
Configure vs. Customize

Reduce cost, time and risk by maximizing configuration and minimizing customization

Benefits of configuration:
- Implement quickly
- Easy to add new capabilities
- Simple to maintain
- Easy to extend

Configuration starts at the geodatabase schema
## ArcGIS for Water Utilities Demonstration

<table>
<thead>
<tr>
<th>Asset Management</th>
<th>Utility Coordination</th>
<th>Non-Revenue Water</th>
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</thead>
<tbody>
<tr>
<td><img src="image1" alt="Asset Management" /></td>
<td><img src="image2" alt="Utility Coordination" /></td>
<td><img src="image3" alt="Non-Revenue Water" /></td>
</tr>
<tr>
<td><img src="image4" alt="Capital Planning" /></td>
<td><img src="image5" alt="Inspections" /></td>
<td><img src="image6" alt="Executive Dashboards" /></td>
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<td><img src="image7" alt="Route Optimization" /></td>
<td><img src="image8" alt="Mobile Applications" /></td>
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- **Asset Management**
- **Utility Coordination**
- **Non-Revenue Water**
- **Capital Planning**
- **Inspections**
- **Executive Dashboards**
- **Mobile Applications**
Summary

ArcGIS for Water Utilities is:

- Maps and apps for water, wastewater and stormwater utilities
- Designed to be configured
- Freely available to Esri customers
- Fully supported
- A platform for Esri business partners to deploy solutions
We Want Your Participation and Involvement

- Download the maps and apps
- Provide feedback on existing content
- Help us identify opportunities for new content
  - Ideas.ArcGIS.com
  - Water Utility Forums
  - At the User Conference
Other Sessions @ UC

**Thursday**
8:55 - 9:15 - ArcGIS for Local Government’s Planning Apps - An Introduction
   An introduction to the ArcGIS for Local Government planning and development module
10:15 - 11:30 - ArcGIS for Water Utilities - Configuring
   How to configure the ArcGIS for Local Government water utilities maps and apps
1:30 - 2:45 - ArcGIS for Land Records - Configuring
   How to configure the ArcGIS for Local Government land records maps and apps
3:15 - 3:35 - ArcGIS for Local Government’s Election Apps - An Introduction
   An introduction to the ArcGIS for Local Government election module
4:05 - 4:25 - ArcGIS for Land Records - Improving Data Quality
   An introduction to a set of ArcGIS Desktop Parcel Editor tools to improve parcel accuracy

**Friday**
9:00 - 10:15 - ArcGIS for Local Government – An Introduction (Second Offering)
   An introduction to the ArcGIS for Local Government maps and apps
Questions

Please fill out your surveys...

www.esri.com/sessionevals

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