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White House Utility District, TN

Agenda

- Process
- Portal Deployment
- Solutions Approach
- Demos

Challenges

- Water Loss / Pressure / Outages
- Aging Infrastructure
- Growth and demand
- Outdated Business Process
- Older technologies
- All Staff used same MXD
- Limited Access to Real-Time Spatial data
- Old or no integration of large systems

"What Esri has developed is more than just GIS. At its core, ArcGIS is a vehicle that can transform a utility's culture in such a way that it can mirror sound business practice."

Bill Thompson
General Manager
White House Utility District
Esri Water / Wastewater Brochure

Collaboration / Partnerships







road closure. 7 op "X" outage customed add pressure Web trace > CSR outage map - public facing map - Dashboard Hydrants -> map of hydrants (operable insperable)/subnit hydrant issue/submit usage/ Contact Name Contact Name Contact Name Contact Name Operable Yes/No (reg)

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Configure Esri Solutions

- Water Distribution Network
- Sanitary Sewer Network
- Water Utility Network Editing
- Data Reviewer for Water Utilities
- Map Change Request
- Utility Isolation application
- Outage Viewer
- Valve Exercise
- Night-time Flow Analysis
- Fire Hydrant Flow Inspection
- Water Utility Capital Planning

Foundational Solutions

A collection of services and maps to get started with ArcGIS for Water Utilities.



Water Distribution Network

The Water Distribution Network map provides information about water distribution network assets.

- ♣ Download
- > Try it Now
- 8 Learn More



Sanitary Sewer Network

The Sanitary Sewer Network map provides information about separated and combined sanitary sewer network assets.

- ▲ Download
- > Try it Now
- 2 Learn More

Fully Deploy Mapping Portal

- Let mapping portal be tool to deliver your GIS
- Let AGOL host data for you
- Use the entire platform
- Give Everyone Access

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Create Solutions

- COTS Approach
- Configure first
- Limit Integrations
- Modify Workflows based on technology
- Quickly deliver apps to staff
- Approach is iterative

Mapping Portal Content

300 +

Maps, Layers, and Apps on WHUD Mapping Portals

Demonstrations

- I & I with contractors Using AGO
- Water Loss Dashboard

Value

- Map change request solution
 - Over 400 request
- Logger Planner and Valve Inspection Solutions
 - Save staff several hours a day for each
- Water Loss
 - See huge returns on quickly addressing leaks

Closing

- Find your organizations needs & utilize the Esri solutions meet them
- Fully Deploy your portal entire Utility
- Quickly role out your own solutions to staff & outside agency

Other WHUD Presentations

GeoEvent Processor for Water and Sewer Utilities
Tuesday, 8:30 AM
Carl Alexander, GIS Director

White House Utility District's Use of Esri ArcGIS for DMA Workflow Management Map Gallery, Map ID 824 Pat Harrell, District Engineer