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GIS for Utilities and Communications

Water Services

| Main | Water | Wastewater | Stormwater |

Build a sustainable water utility.

Reliable water services come from having one go-to repository of data. GIS is no longer your single-function tool for locating pipes and facilities. It's now a whole platform for understanding and optimizing water operations. Integrate information from sensors, meters, crews, pipes, and more, through the common language of location. Store this data in your GIS. Share interactive maps in the boardroom; push functional maps to field devices. When your data flows, so does your water.

"With GIS, we have saved roughly 50 percent of our time in water main shut-offs just by being able to access maps."

Alan Lee, Capital Projects Manager, Opelika Utilities

Insights   More ➔

Spatial Data a Catch for Pierce County [PDF]

Pierce County increased efficiency by replacing field laptops and manual database reconciliation with iPads running ArcGIS Online. Suddenly, staff and supervisors accessing dozens of apps and dashboards were looped in to the same real-time GIS intelligence.

Read more [PDF]

Building a Sustainable Wastewater Inventory [PDF]

A proactive Stormwater Management Program (SMP) relies on iOS devices and ArcGIS Online applications to standardized, strengthen, and streamline inventory and inspections of 400 miles of stream assets.

Read more [PDF]

Coweta County Asset Inspection Goes Mobile [PDF]

To shave time off compliance with local inspections regulations, Coweta County, Georgia, looked to mobile solutions. Its iPad-based inspection workflow used Esri's Collector for ArcGIS app to put the county ahead of inspection schedules. Read more [PDF]

Norwich Public Utility Connects with Other Cities—and Internally [PDF]

Consolidating to a full GIS platform not only improved Norwich Public Utility's (NPU) accuracy but also saved time. How'd NPU get better data faster? It started with a data migration, the ArcGIS platform, and several prebuilt Esri apps and templates. <u>Read more</u> [PDF]

Tennessee Gets Centered on GIS

White House Utility District (WHUD) in Tennessee didn't have to move out of the Smoky Mountains to maximize operational efficiency. WHUD slashed paper-map use, got to customers faster, and improved internal communications with GIS. <u>Here's how</u>

Videos

White House Utility District

WHUD uses the ArcGIS Platform as their cornerstone to get all the information they need on a daily, monthly and yearly basis.

Runtime: 3:27

Salt Lake City, Utah

The Department of Public Utilities in Salt Lake City, Utah, improves efficiency with the Esri platform.

Runtime: 6:36

Community & Events

View All Events ➡

Esri Community

Stay in touch with others in the water, wastewater, and stormwater industries who are interested in GIS. Join the conversation at GeoNet.

Join the Discussion

Connect with the Esri Water Utilities Group on LinkedIn.

Cityworks User Conference

May 20 – 22, 2015

Salt Lake City, Utah

American Water Works Association Annual Conference and Exhibition

June 08 – 10, 2015

Anaheim, California

Team Water Meeting

July 18, 2015

San Diego, California

Esri User Conference
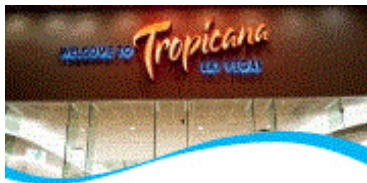
July 20 – 24, 2015

San Diego, California

Water Environment Federation Technical Exhibition and Conference

September 26 – 30, 2015

Chicago, Illinois

American Water Works Association Water Infrastructure Conference

October 13 – 16, 2015

Bethesda, Maryland

California-Nevada American Water Works Association Annual Fall Conference

October 26 – 29, 2015

Las Vegas, Nevada

Partners & Solutions

Esri is proud to team with leading organizations to bring you the right solution.

Maintain comprehensive asset records, coordinate capital improvement projects, and optimize operations with ArcGIS for Water Utilities.

Read more

DHI advances technological development and competence within the fields of water, environment and health.

Read more

More than 450 users worldwide use Cityworks for powerful, scalable, affordable asset management, permitting, and licensing.

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applications,
professional
meet the tech
needs of wate

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Have a Question?

Ask an Expert

An Esri representative is ready to help. Send us your question and we'll make sure to respond promptly. We have industry experts to help you learn more about how to solve problems and add value with Esri. We can also assist with product, pricing, and technical questions.

First name

Last name

E-mail

Phone

What do you need help with?

Organization

Twitter

Message

Send

Not sure who to contact? Call: 1.800.447.9778

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- Industry Newsletters
- Esri Insider Blog
- Esri Nonprofit Program
- Enterprise License Agreements

Products
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- Data
- Location Analytics
- All Esri Products

Services
- Professional Services
- Project Services
- Implementation Services
- Premium Support Services

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- Hardware Promotions
- Learn About Partners

Understanding GIS
- What Is GIS?
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