

*Serving our customers*

# Tacoma Water GIS Utility Network Migration

PUB Study Session

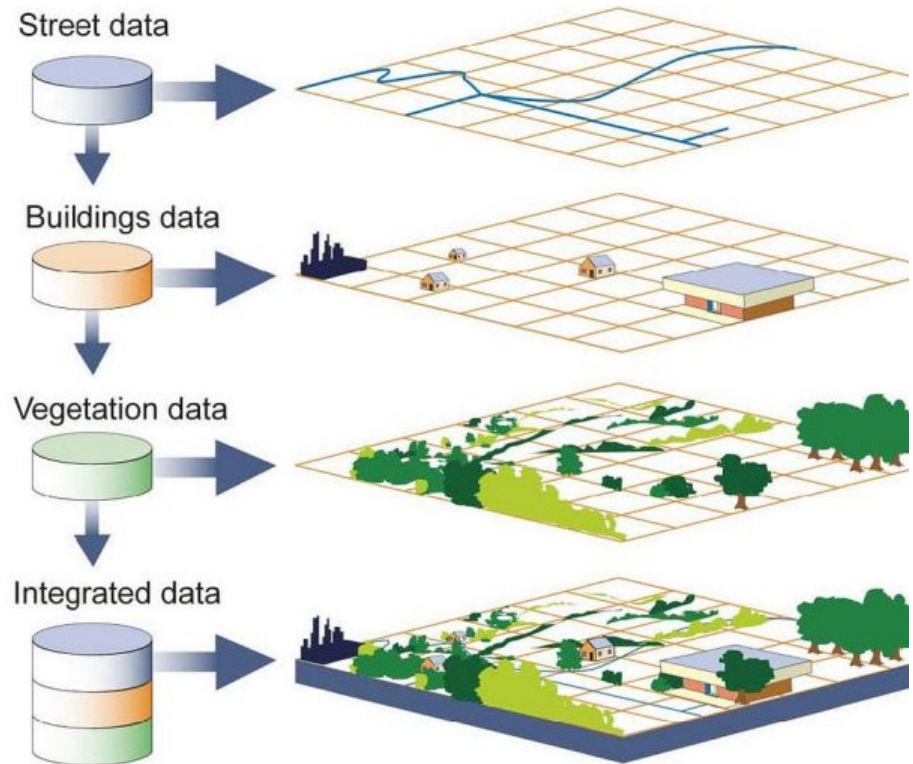
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# OBJECTIVES

- **Background**
  - Tacoma Water's GIS
  - Business need
  - Why now + strategic alignment
- **Project overview**
- **Project approach**
  - Timeline
- **Recap + Questions**

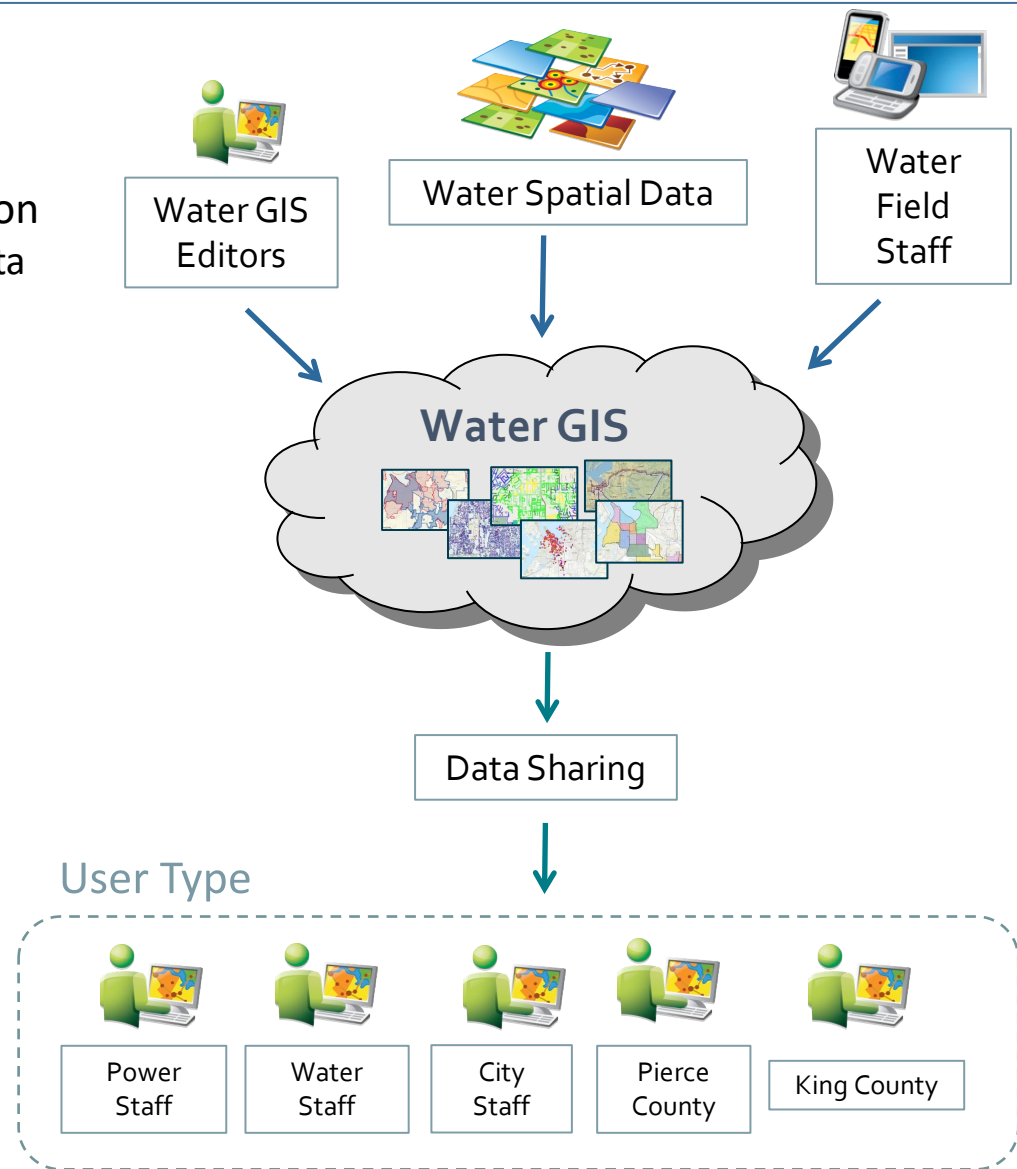
## What is GIS?

- Geographic Information System
- Management of spatial assets
- Visual representation of system
  - Tacoma Water distribution and environmental watershed
  - Aids decision-making
  - Critical system in digital age
- Industry standard
  - Environmental Systems Research Institute (Esri)



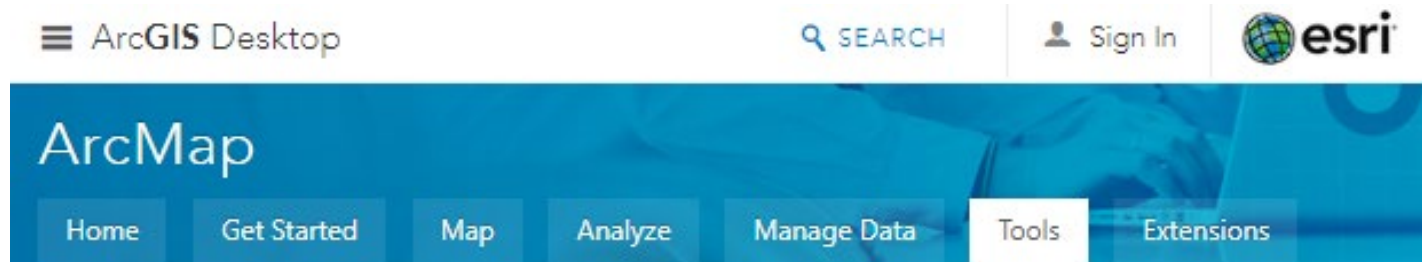
## How we use GIS:

- Map services
  - Tools and applications
- Data capture and correction
  - Create and edit spatial data
- Various user types
  - Creators and Consumers
- One platform



## End-of-Life

- Current technology being retired March 2026
  - Loss of Esri support
  - Must migrate to mitigate Water GIS asset data risk
  - Maintain business continuity
  - Avoid potential business-critical GIS system outage



ArcMap 10.8 | [Help archive](#)

ArcGIS Desktop is in mature support and will be retired March 1, 2026. There are no plans for future releases of ArcGIS Desktop, and it is recommended that you migrate to ArcGIS Pro. See [Migrate from ArcMap to ArcGIS Pro](#) for more information.

## Why Now?

- End-of Life platform – must migrate before March 2026
- Industry-accepted technology
- Modernize GIS
  - Align technology with rest of organization

## Strategic alignment

Tacoma Water Goal:

- Enabling Technology

TPU Objectives:

- Customer Experience
- Employee Experience
- Operational Excellence



Our Vision



Our Objectives



## Tacoma Power Migration Effort

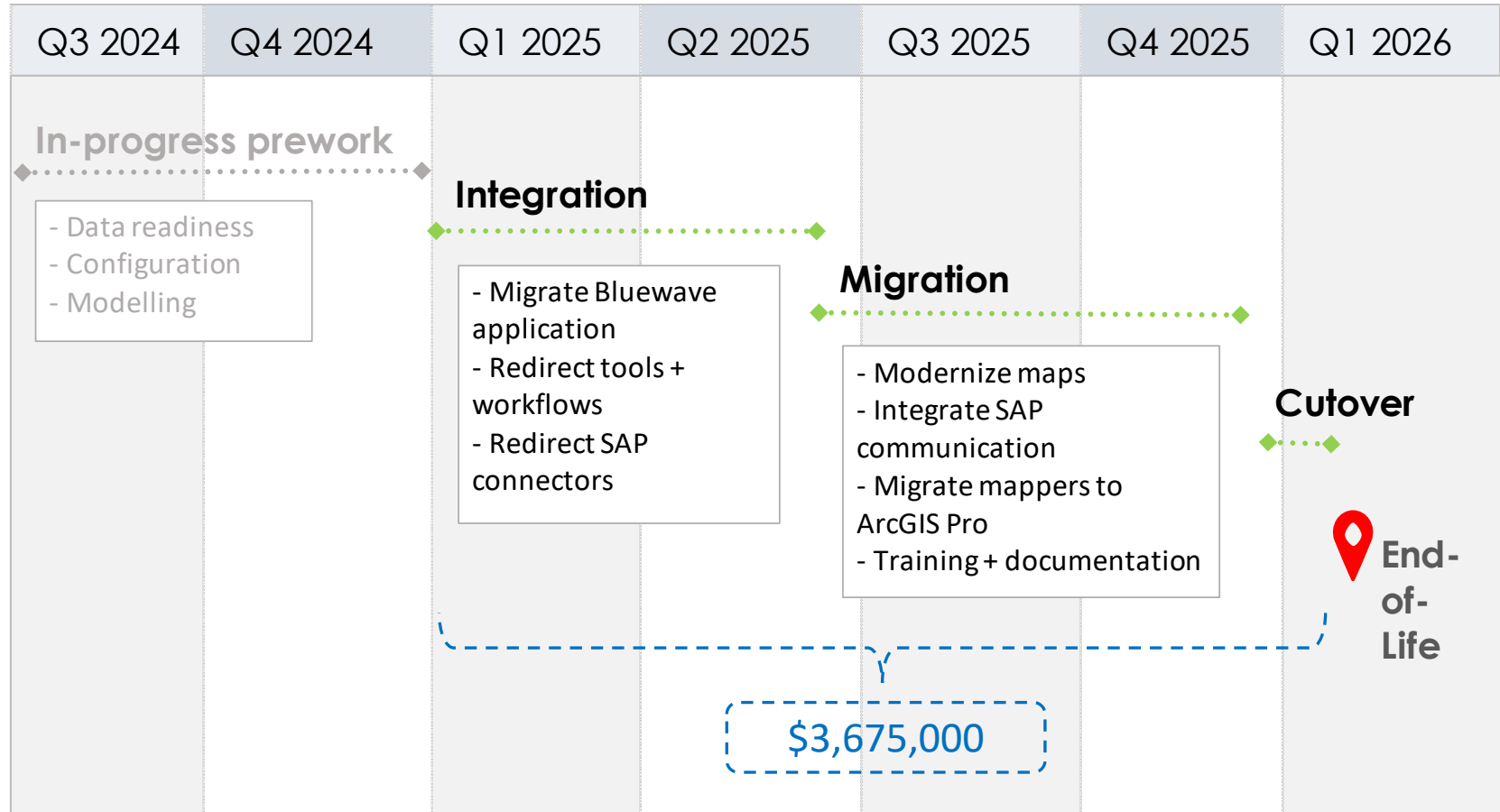
- “Destination 1”
- Migrating from GE Smallworld to Esri
- Contractor-supported migration by Locana
  - Solicitation: COT Request for Proposals

## Tacoma Water Migration Effort

- Similar but smaller
  - Migrating from Esri to Esri
- Contracted-supported
  - Use existing umbrella contract with Locana
  - Work beyond current migration would trigger new solicitation
- Coordinated effort
  - Approved project via TPU technology governance
  - Continue working with UTS, Power, COT partners
  - Meetings to discuss guidance, issues, pitfalls



## Project: TW Utility Network Migration





**Seeking Approval = \$ 3,675,000**

**Capital = 100%**

**Allocation Factor = 100% Water Funds**



**Questions?**