

ArcGIS Solutions for Utility Data Management

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esri

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Agenda

- **Overview of Utility Data Management Solutions**
- **Utility Data Management Solutions for ArcGIS Online**
- **Utility Data Management Solutions for ArcGIS Enterprise**



What are ArcGIS Solutions for “Utility Data Management”?

- **Configure ArcGIS to create and manage industry specific data sets**
- **Free to deploy on top of Esri licensing**
- **Fully supported**
- **Esri Products**



Two Types of Utility Data Management Solutions

... for ArcGIS Online

- Requires:
 - ArcGIS Online
- Should have:
 - ArcGIS Pro
 - ArcGIS Field Maps

... for ArcGIS Enterprise

- Requires:
 - ArcGIS Enterprise
 - Utility Network
 - ArcGIS Pro



Utility Data Management Solution Availability

	Data Management for ArcGIS Online	Data Management for ArcGIS Enterprise
Gas	✓	✓
Electric	✓	✓
Sewer	✓	✓
Stormwater	✓	✓
Telecommunications	✓	✓
Water Distribution	✓	✓
District Energy	Q3 2021	Q3 2021



Data Management Solution Considerations

- **When available these solutions the foundational starting place for managing data with ArcGIS**
 - Starting place for new users
 - Starting place for modernization of existing implementations
- **Data Management Solutions are a foundation for users to leverage additional capabilities**
 - Core capabilities from ArcGIS
 - New ArcGIS Solutions
 - Partner Solutions
 - Customizations

...we've done the initial work enabling you to put time and resources into more valuable activities

The background features a vibrant, abstract design with overlapping shapes in shades of purple, pink, orange, and blue. A faint, stylized map or topographic overlay is visible in the upper right quadrant, with a thin yellow arc curving across it.

Data Management For ArcGIS Online Solutions

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Data Management for ArcGIS Online Overview

Data Management for ArcGIS Online	
Computing Environment	SaaS + Native Apps
Deployment	Instant
Data representation	Simple Features
Data Model	Typical Industry Assets and Attributes
Extendibility	Medium
Customizable	Low
Localization	Difficult
Ideal For	Small, Simple, Have no GIS data, Just want map, want a separate publication or sharing environment, AEC firms

Data Management for ArcGIS Online Apps



Deploying Data Management for ArcGIS Online Solutions



Potential Next Steps:

- Add users to groups
- Extend data model
- Configure dashboard
- Collect data
- Import existing data
- Build additional maps and apps



Demonstration: Water Distribution Data Management for ArcGIS Online

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Utility Data Management Solutions for ArcGIS Enterprise

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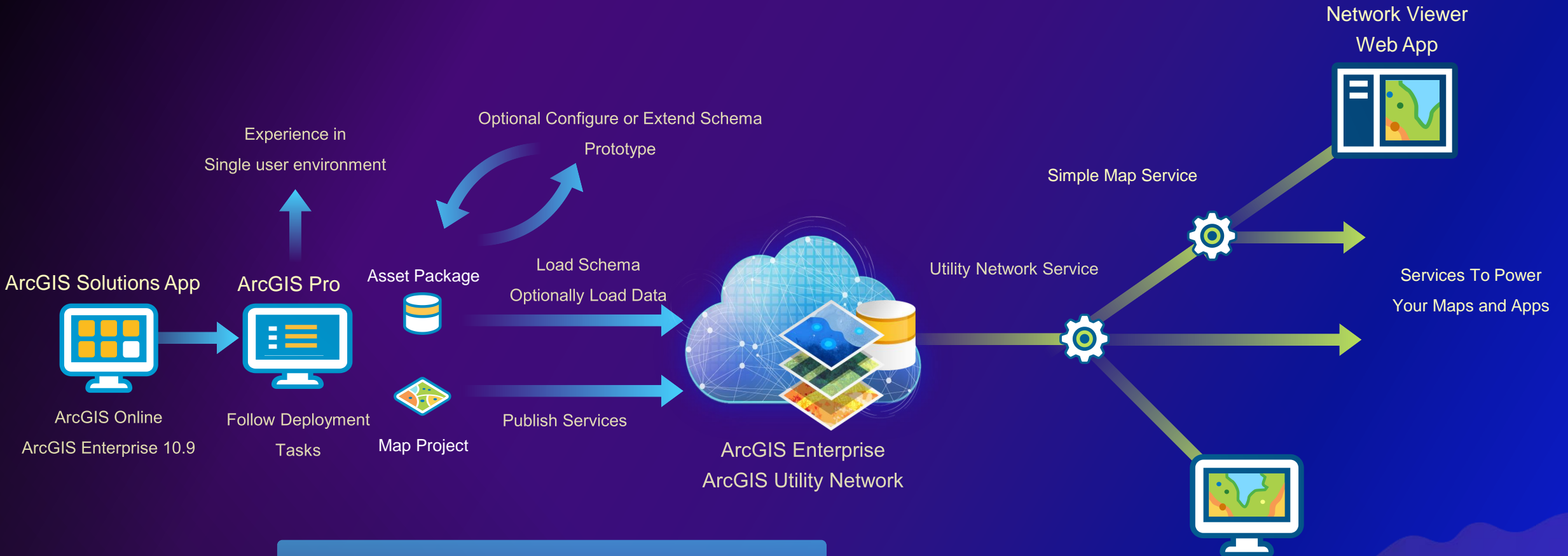


Data Management for ArcGIS Enterprise Overview

Data Management for ArcGIS Enterprise	
Computing Environment	Customer Provided and Managed
Deployment	Streamlined Process
Data Representation	Utility Network
Data Model	Typical Industry Assets, Attributes, Attribute Rules, Terminal Configurations, Network Attributes, Network Rules, Tiers
Extendibility	High
Customizable	High
Localization	Easy
Ideal For	Large, Sophisticated, Modern, Enterprise, Digital Twin



Deploying Data Management for ArcGIS Enterprise



Potential Next Steps:

- Supplement existing data
- Create new data
- Establish organizational data management workflows

The background features a vibrant, abstract design. On the left, there are layered, wavy shapes in shades of blue, purple, and pink. On the right, a stylized mountain range is depicted in warm tones of orange, red, and yellow, with a thin yellow arc curving over it. The overall color palette is rich and modern.

Electric Data Management for ArcGIS Enterprise

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Questions

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