ArcGIS Enterprise: Getting Started

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Introduction to ArcGIS Enterprise

Product Overview
Key Admin Workflows

ArcGIS Enterprise is the foundational system for mapping and visualization, data management, spatial analysis, and application building.

It is the backbone for your GIS workflows. It is designed to integrate with ArcGIS Pro, ArcGIS Online, and Esri's suite of applications.
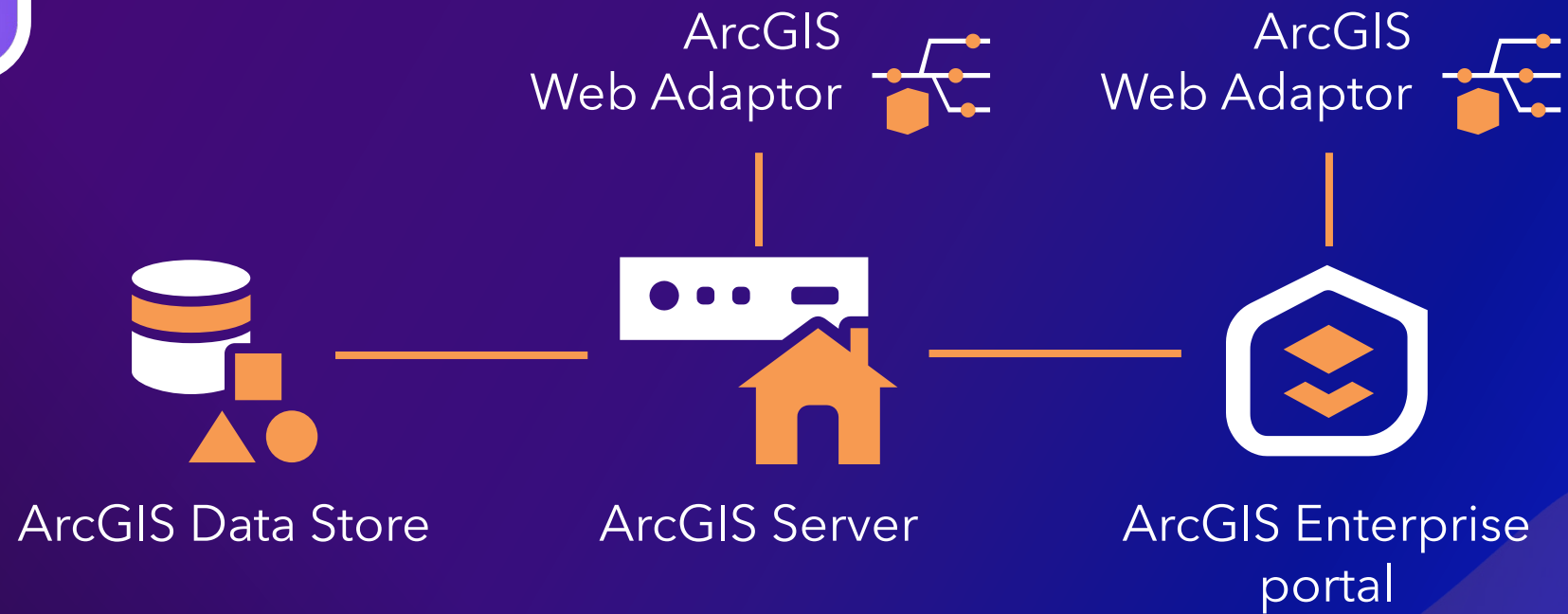
ArcGIS Enterprise is installed on infrastructure you control, whether in the cloud or on-premises, and is scalable to meet your needs.
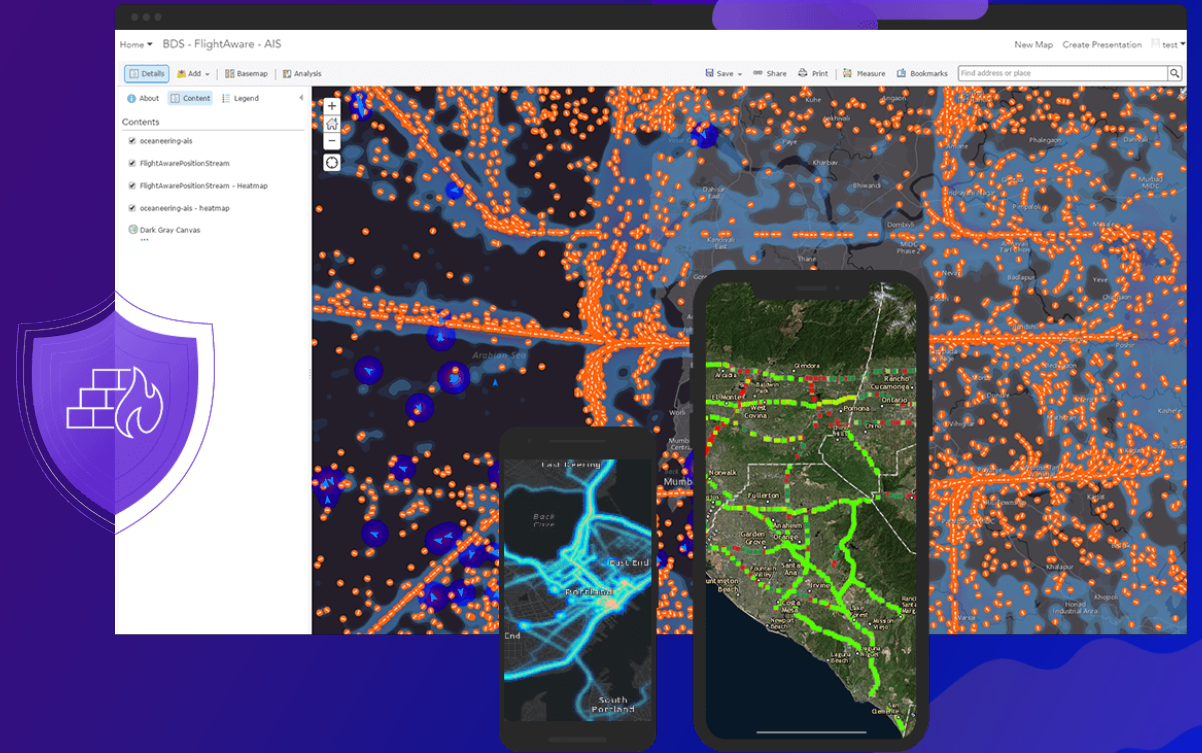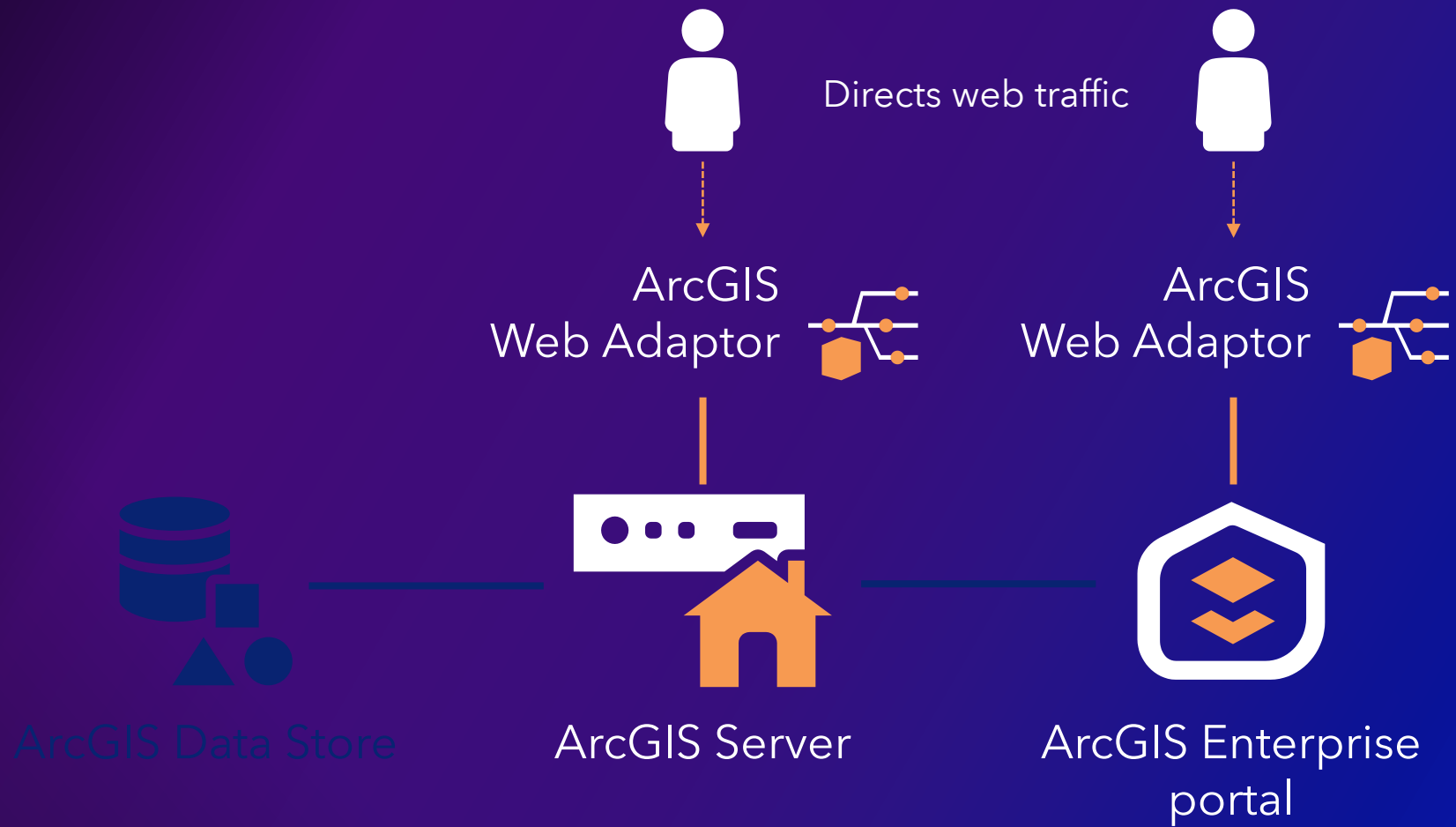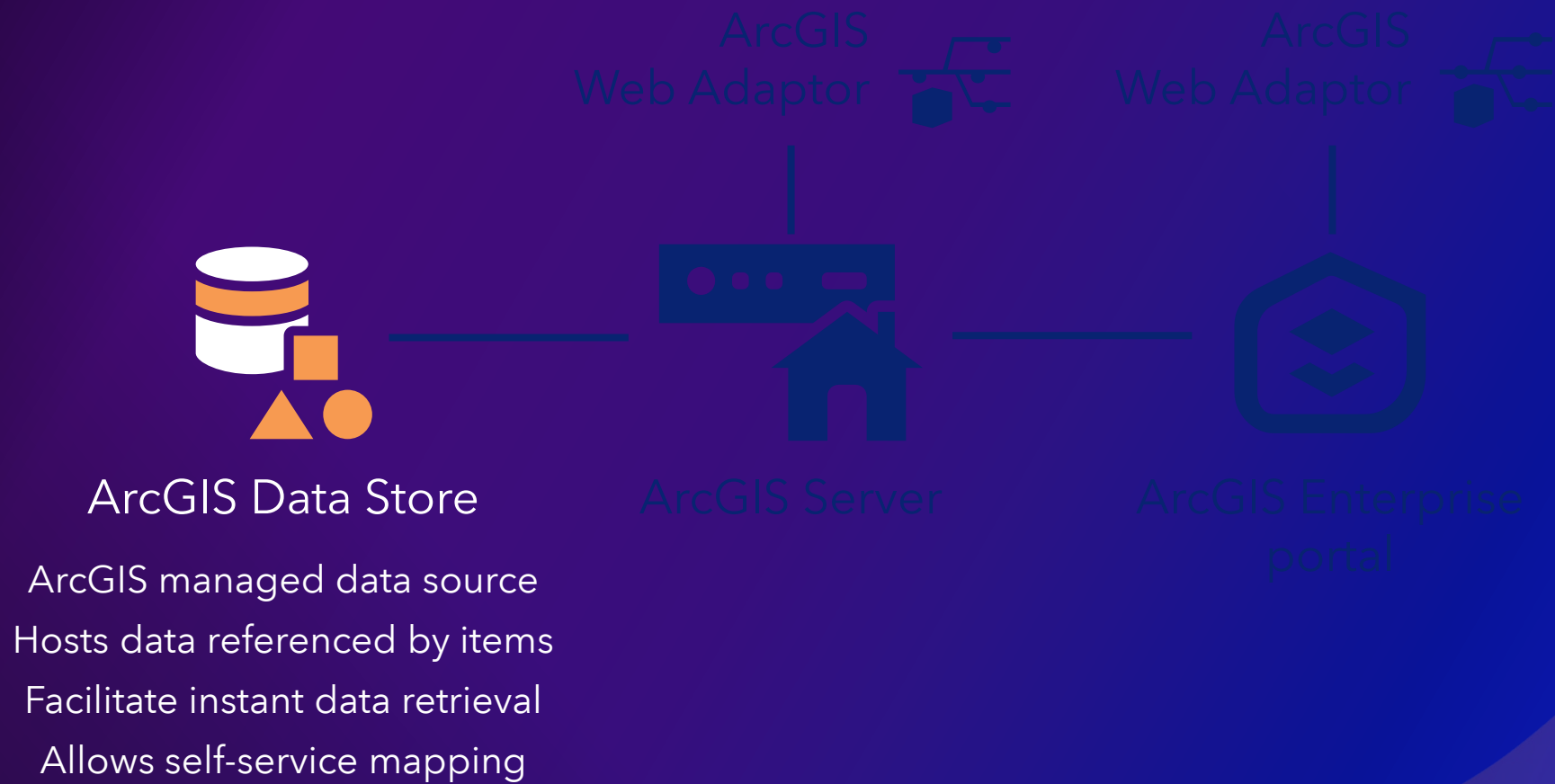
ArcGIS Enterprise components

ArcGIS Enterprise base deployment

ArcGIS
Web Adaptor

ArcGIS
Web Adaptor

ArcGIS Data Store

ArcGIS Server

ArcGIS Enterprise
portal

ArcGIS
Web Adaptor

ArcGIS
Web Adaptor

ArcGIS Data Store

ArcGIS Server

ArcGIS Enterprise
portal

Directs web traffic

ArcGIS Web Adaptor

ArcGIS Web Adaptor

ArcGIS Data Store

ArcGIS Server

ArcGIS Enterprise portal

ArcGIS Data Store

ArcGIS managed data source
Hosts data referenced by items
Facilitate instant data retrieval
Allows self-service mapping

ArcGIS
Web Adaptor

ArcGIS
Web Adaptor

ArcGIS Data Store

ArcGIS Server

ArcGIS Enterprise
portal

Run GIS services that power your items

Handle all requests
(zoom on a map, find a location, analysis, and more)

Scale processes based on traffic

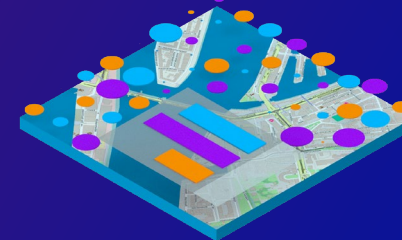Connect to user managed data
Hosting server
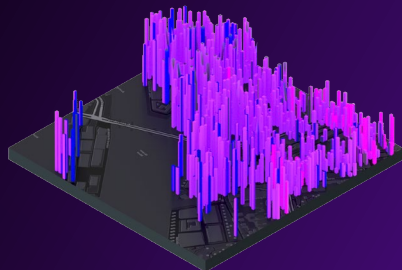
GeoAnalytics Server
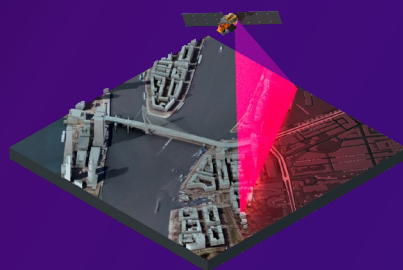
Image Server

GeoEvent Server

Notebook Server

ArcGIS Data Store

ArcGIS Server

ArcGIS Enterprise portal

ArcGIS Server can be licensed with additional server roles, each with its own respective capabilities.

ArcGIS
Web Adaptor

ArcGIS
Web Adaptor

ArcGIS Data Store

ArcGIS Server

ArcGIS Enterprise
portal
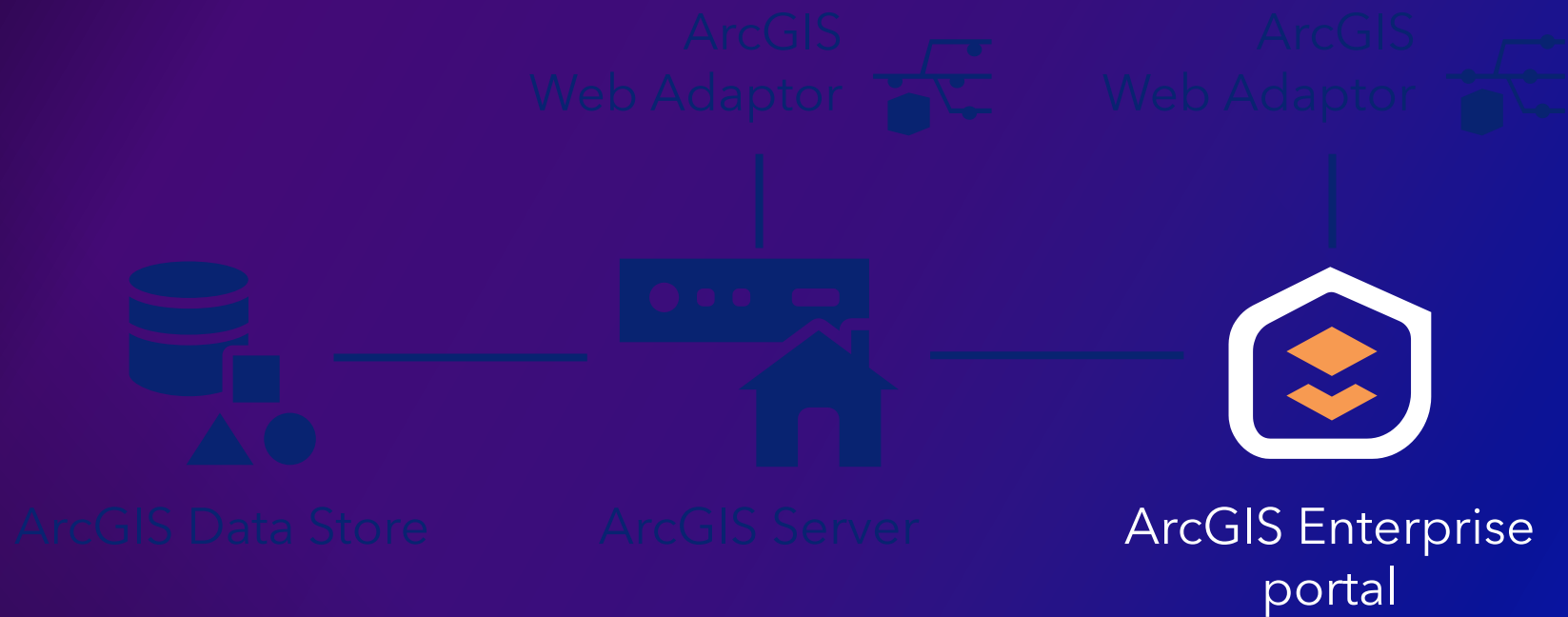
Manage users and licenses
Share content from desktop GIS
View and work with content in a map viewer
Bring in GIS items from web
Produce outputs (maps, analysis, apps)
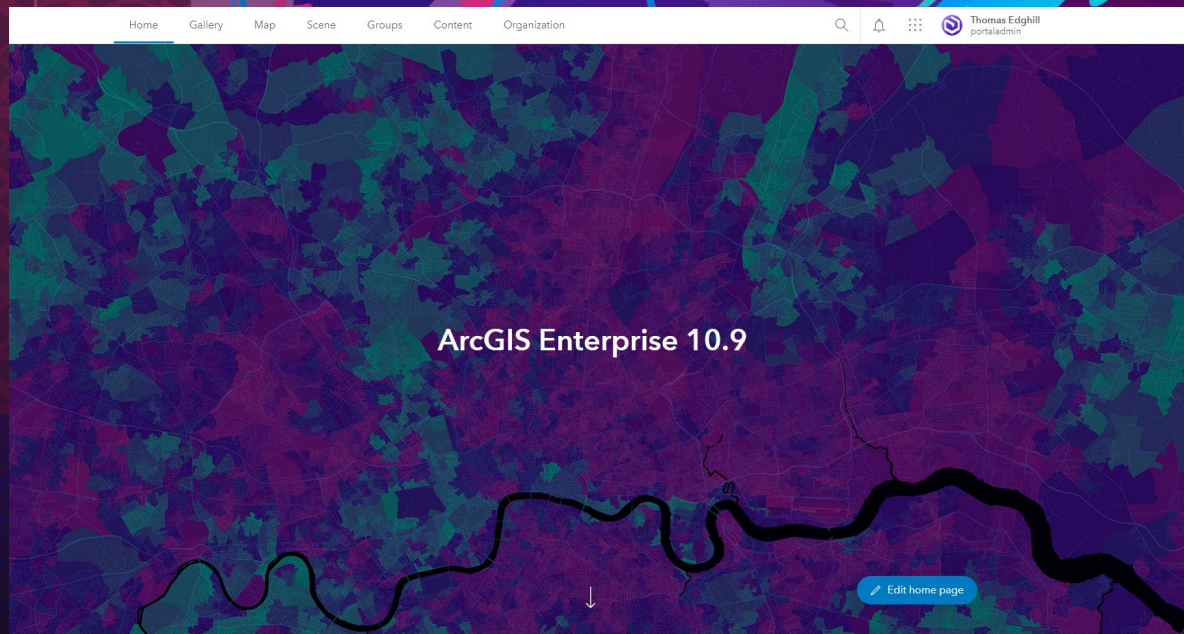
Key Admin Workflows: Members & Groups

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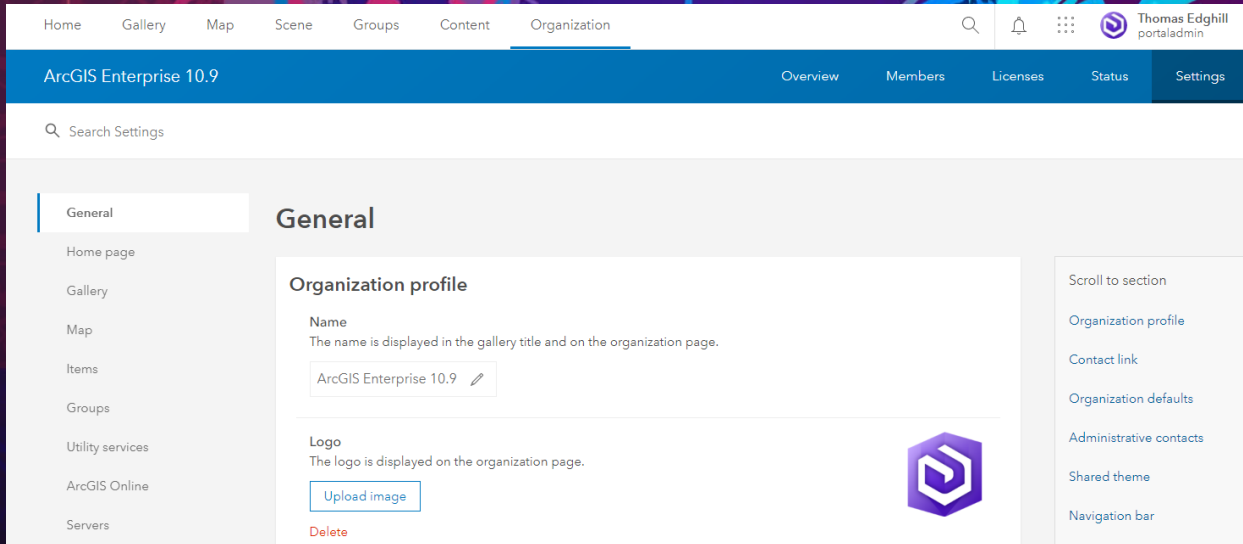
Recap: Adding members and groups to your Enterprise portal

- Adding Members
  - Work with Built-in portal accounts & Organization-specific account
  - Adding members one-at-a-time, or in bulk
  - Configure user type, role, licenses, group membership and settings while adding
- Groups
  - A way to organize items and control member access
  - Many configuration options such as:
    - Who can view or join the group?
    - Who can contribute to the group?
    - What items can members update in the group?
- Administrative Groups
  - A group where members are unable to leave once added
  - Only the group owner or a group manager can remove members
  - Effective for easy membership control

Key Admin Workflows: Organization Settings

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Recap: Key settings when administering ArcGIS Enterprise

- Security
  - Confirm security policies
  - Refine password policy
  - Establish advanced login and authentication settings
  - Set Information banner & Access notice
- General/Home Page
  - Configure organization look and feel
  - Manage navigation bar visibility
- Servers
  - Validate and add ArcGIS Server sites for expanded capabilities
- Member Roles
  - Fine-tune what your users can do
- New Member Defaults
  - Choose default user types, roles, licenses and groups for all new members

Key User Workflows

Getting started with managing, sharing, and analyzing your data in ArcGIS Enterprise

Sharing Options in the Enterprise portal

Not shared

Shared with one or more groups
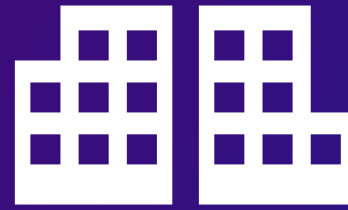
Shared with your whole organization

Shared with everyone

Most secure
Least access

Least secure
Most access

Managing and sharing data in ArcGIS Enterprise
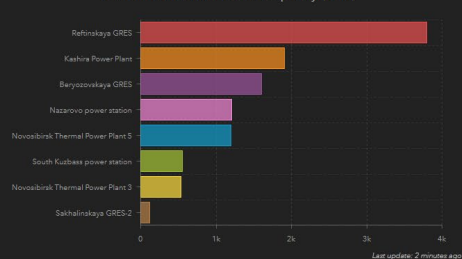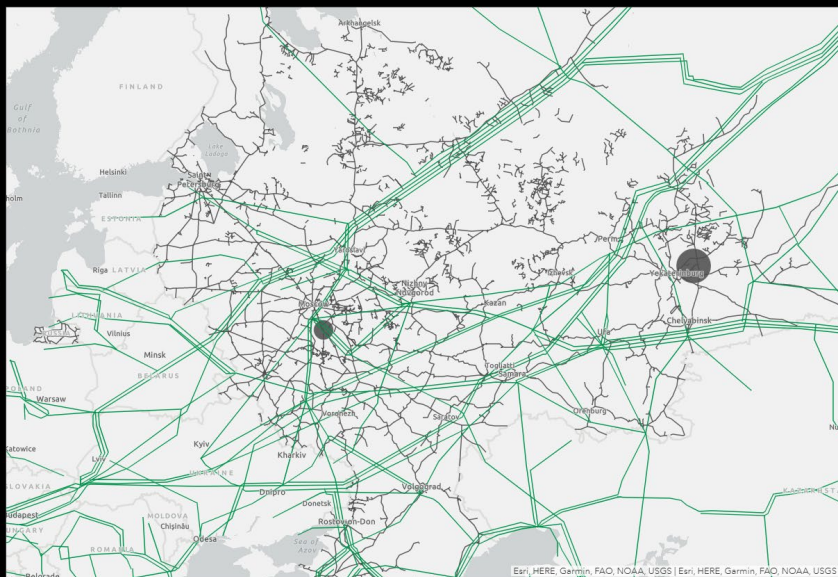
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Analyzing data to create maps and applications in ArcGIS Enterprise

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Logs - Portal, Server, Data Store

Monitoring your ArcGIS Enterprise

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Key User Workflows: Managing, sharing, and analyzing your data in ArcGIS Enterprise

Monitoring Your Deployment: Licenses, reports, and logs for examining usage and system health

Resources

- Documentation
  - [ArcGIS Enterprise Essentials](#)
- Learn Lessons
  - [Get Started with ArcGIS Enterprise](#)
  - [Set up an ArcGIS Enterprise portal](#)
  - [Get Started with Map Viewer](#)
  - [Manage Data](#)
  - [Solve a Spatial Problem](#)

- Esri Training Courses
  - [Sharing GIS Content Using ArcGIS](#)
  - [ArcGIS Enterprise: Administration Essentials](#)
  - [ArcGIS Enterprise: Administration Workflows](#)

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