Esri Redistricting: An Introduction

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Agenda

- Product Overview
  - Features
  - Data
- Demonstration
- Deployment Options
- A Look Ahead
- Questions
Overview

Esri Redistricting

Professionals

Legislators

Public
Overview

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Esri Redistricting

Overview

Meet legislative requirements & judicial audits

- Avoid common pitfalls.
- Use built-in tools to check compactness and allowable population deviation.
- Share pre-defined reports that meet legislative requirements.

Secure sharing & collaboration

- Engage citizen participation via online maps.
- Use out-of-the-box redistricting and spatial analysis functions, sophisticated geocoding, and plan management tools.

Leverage existing GIS investments

- No need to train your staff on a new system.
- Rely on the trusted and stable ArcGIS platform from Esri, the GIS market leader for more than 45 years.
Provided via web browser
Facilitates collaboration, sharing, and community building
Easy to use interface reduces costs associated with training
Minimal GIS experience required - reduced learning curve
Centralized Data management system
Cost effective way to provide access to citizens

Esri Redistricting | Increasing collaboration between government and citizens
Esri Redistricting

Product Overview

**Software**
- ArcGIS Server
- Workflow Manager
- Flex-based Application
  - soon to be JavaScript

**Features**
- Plan Creation & Editing
- Built-in Reporting
- Plan Analytics
- Markup and Comments
- Sharing and Collaboration
- Plan Submission
- Thematic Mapping
Key Features

Reporting

Plan Creation & Editing
Key Features

Integrity Checks

- Dual Assignment Check
- Population Summary Check
- District Count Check
- Null Assignment Check
- Connectivity Check

Plan Management
Roles

**Administrator**
- Manages users
- Manages roles
- Configures application

**Plan Editors**
- Defines districts
- Publishes reports
- Publishes plans

**Plan Reviewers**
- Reviews submitted plans
- Rejects/accepts modifications

**Plan Submitters (Citizens)**
- Suggests modifications
- Views state, county, city plans
Key Features

Thematic Mapping
Esri Redistricting

Data

• ArcGIS Online Basemap Data & Esri Demographic Data
• U.S. Census Data (2000, 2010 TIGER, PL 94-171)
  • 2020 data as soon as it’s released
• Custom Data* (polling places, historical voting statistics, etc.)

Source Geography Hierarchies

• Block / Block Group / Tract / County
• Block / VTD / County
• Blocks
• Custom

Supported Geographies

• State
• County
• City
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Demonstration
**Deployment Options**

**Software as a Service (SaaS) subscription model**
- Per user pricing
- No custom features or data

**Managed Services Offering**
- Configured for organization
- Custom data packs
- All hosting components managed by ESRI

**On-Premises Offering**
- Installed behind organizations firewall
- Custom data packs
- Hosting components managed by organization
Utah State Legislature successfully implements Esri Redistricting for citizen involvement and draws districts based on constituent-made district maps.

Case Study Link
Esri Redistricting

Product Roadmap

Flex to JavaScript
Converting the Esri Redistricting application from Flex to JavaScript

2020 Census Updates
Utilizing client feedback for Feature additions & updates for a more complete solution for 2020 Redistricting efforts

Platform Integrations
Further integrating Esri Redistricting with Portal and ArcGIS Online environments

2018 2019 2020