Redistricting Online

*Increasing the collaboration between government and citizens*

- Public
- Advocacy Groups
- Mashups
- Sharing
- Communities
- Web
- Layer Packages
- Federal
- Desktop
- State & Local

- Review
- Connect
- Edit
- Design
- Create
- Publish
Seven IT Trends
that will effect you…

- Rethinking Government Technology and Government
  - Consumerization of Technology, BYOD…
- Cloud-Based Solutions
  - Shift is Happening
- Broadband: e- and m- Government
  - Consumerization of Broadband
- Social and Civic Media
  - Rise of the Public
- Shared Services
  - Consolidate, Coordinate, Cooperate
- Protect the Enterprise
  - Security and Privacy

Source: Alan Shark, Director PTI and Rutgers University School of Public Affairs and Administration
Cloud GIS Integrates All Types of Information

- Maps
- Spreadsheets
- Social Media
- Big Data
- Services
- Imagery
- Sensor Networks

Web Maps Make This Information Accessible Widely
Organizations Are Rapidly Adopting This Pattern
Opening Up and Liberating Their Geospatial Data

Creating Geography as a Platform
Cloud Technology Is Enabling Pervasive Access

Integrating Traditional GIS with a Whole New World of Apps

Making What Has Been Scarce . . . Abundant . . . Providing Geography as a Platform
Cloud GIS Changes the Discussion
Breaking Down Barriers Between Workflows, Disciplines and Cultures

Web Maps Provide A New Medium

Enabling Collaboration, Sharing and Holistic Approaches
Common GIS Implementation Patterns

- **Asset Management**: Store, manage & maintain accurate asset records
- **Planning & Analysis**: Transform data into actionable intelligence
- **Field Mobility**: Get information into and out of the field
- **Operational Awareness**: Disseminate knowledge where & when it's needed
- **Citizen Engagement**: Share information with stakeholders

**ArcGIS**
Common GIS Implementation Patterns

- **Asset Management**: Store, manage & maintain accurate asset records
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*ArcGIS*
Some Examples

Planning for and Responding to Natural Disasters

Risk Areas
- Winnebago County, Illinois

Severe Weather
- Southeast US

Volcanic Hazards
- Mt. Hood, Oregon

Electricity Outage

Forecasted Wildfire
- Western US

Coastal Flooding
- Colorado
ArcGIS Online Makes It Easy to Manage and Share Your Content

Breaking Down Barriers and Enabling Open Access

. . . Providing Geography as a Platform
GIS Content Is Growing
Integrating the Best Available Data

Many Community Contributions

... Providing a Foundation for Your Work
Simplified Authoring and Serving

• Making It Easier to Share

Desktop

• Maps
• Data
• Analysis

Packages

Server

Online

Author

Serve

Automating the Process of Creating Services
GIS Mobile Apps Run On All Popular Devices

... Making Your GIS Accessible Everywhere

Rich Functionality

Crowdsourcing

Viewing

Editing

Field Data Collection

ArcGIS

Android

iOS

Windows

Native Apps

One Map

Enabling Enterprise Mobility
GIS Online Can Be Configured for Your Organizations
Managing Content, Access and Identity

ArcGIS Online

Federal

Utah

Home Page

Gallery

Groups

Web Maps

... In the Public Cloud or on Premises
GIS Now Works Within Microsoft Office
Providing Intuitive Mapping

Esri Maps for Office

...Extending the Reach of GIS
Location Analytics

Geoenables Business Systems

ArcGIS Online

Providing Geographic Insights for Business Intelligence
ArcGIS for Elections Template
Poll Location and Election Night Reporting

Sangamon County, Illinois

Vanderburgh County, Indiana