Leveraging ArcGIS Solutions in your Organization

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Our Work
Creating Useful Technology and Supporting Our Users

ArcGIS

Spatial Analysis
Mapping
3D
Editing
Apps
Content
Solutions
Data Management
Security
Usability
Developers
Open Data
Real-Time
Performance
Geodesign
Identity
Interoperability

Cloud
Quality
Big Data
Enterprise Integration
Standards
Administration
Imagery
GIS Is Evolving

Your GIS is an Interconnected Platform

Bringing Together Data, Technology, and People . . .
. . . Creating a Framework for Solving Complex Problems
Turning Point

ArcGIS Online

Mapping Without Limits

ArcGIS Online is a Complete, Cloud-Based Mapping Platform

ArcGIS Online mapping tools are powerful yet simple to use so everyone in your organization can make and share beautiful maps.

ArcGIS Industry Specific Maps and Apps

ArcGIS Solutions deliver Ready-to-Use Maps and Apps to jumpstart your work

Leverage hundreds of ready-to-use maps, apps, and platform configurations to meet your needs, delivering innovation and best practices for your organization.
ArcGIS Solutions | Focused Maps and Apps

Local & State Government

Utilities & Telecom

Emergency Management & Public Safety

Military & Security

450+ Solutions | 500,000+ Downloads

Configurable, Fully Supported, and Freely Available

Simplifying and Accelerating Deployment
ArcGIS Solutions

• Deliver maps and applications quickly throughout their organization
  • Roadmap for standard capabilities, improve service delivery, expand reach, innovation....

• Stay current with future releases / avoid legacy technology
  • Save time and money, leverage new ArcGIS offerings, focus on complex or unique problems....

• Unlock geospatial platform so it can be leveraged by many

• Leverage the collective knowledge of the entire community
  • Best practices, industry tradecraft....
Every city, county and state has similar aspirations

- Livable & Sustainable
- Safe
- Well Run
- A Tech Community
- Prosperous

Common Goals
Six Transformational Trends in Government

1. Demographics shifts are impacting the workforce
2. Need to replace legacy business systems
3. Standardization of business practices
4. Maps as a framework for communication and understanding
5. Challenges attracting and retaining talent
6. Rapid technology advances

D.C. moves to replace its outdated tax payment system
The ‘Silver Tsunami’ Has Arrived in Government
The Billion Dollar Crisis in Outdated Government Technology
World’s population increasingly urban with more than half living in urban areas
GIS in Government
Common Challenges

• Incomplete implementations
  • Do not leverage the full platform
  • Not integrated across broad spectrum of business units
• Limited to one or, a few, departments
  • Strong in Public Works or Natural Resources...weak everywhere else
• Expansion challenged by resource constraints
  • Organizational structure, technical expertise, etc.
  • Responsive instead of proactive solution delivery
• Little use of sophisticated GIS capabilities
  • Spatial analysis, resource allocation, routing, performance measurement
ArcGIS for State and Local Government

Solutions for Esri’s government customers

• Collection of useful maps and apps
  • Configurable and extensible
  • Freely available and fully supported

• Community of users
  • Best Practices / Implementation Support

• Network of Esri Services and Partner offerings
  • Help users implement, sustain and enhance

Available on-premise or in the cloud
Environment and Natural Resources
Empower constituents to find timely information about permitted activities, understand the water quality landscape in the state, and discover recreational activities in the state.

Planning and Development
Engage the community in your growth management plans, promote business diversity, attract talented citizens, and encourage quality places and environments.

Response
Deliver situational awareness, engage with the public, and understand the impact of an event using focused applications and common tools.
ArcGIS Solutions
Groundbreaking and Incremental Improvements

Incremental Releases
- Feature Layers
- ArcGIS Pro Projects
- Web AppBuilder Widgets
- Web App Templates
- Deployment Tool

Responsive Web Apps
- Web App Templates
- Desktop Add-ins
- Solution Site

Information Models
- Custom Web Apps
- Flex Widgets
- Desktop Add-ins
- Resource Center

Continuous Improvements

2008
2012
2017

Utility Network Editing
Crowdsourcing Reporter
Attribute Assistant
Military Tools
Situational Awareness
Helicopter Landing
Tax Parcel Editing
Near Me
Smart Editor
Environmental Impact

Damage Assessment
Public Notification
Crash Analysis

Responsive Web Apps
Web App Templates
Deployment Tool

ArcGIS Pro Projects
Web AppBuilder Widgets
Web App Templates
Deployment Tool

Information Models
Custom Web Apps
Flex Widgets
Desktop Add-ins
Resource Center

2008
2012
2017
Core Technology

Web AppBuilder
Widgets
Attribute Assistant
Configurable Web App Templates
The Community

It’s not just about the technology
Priorities

- Simplify deployment
  - ArcGIS Solutions Deployment Tool, service catalogs…

- Modernize aging solutions
  - Pro projects, web appbuilder widgets, web app templates…

- Develop new solution offerings
  - Public health, natural resources, mobility, neighborhood revitalization, resiliency, and mitigation…
Solutions Deployment Tool

• ArcGIS Pro Add-in
  • Discover, deploy and configure solutions in an ArcGIS Organization

• Help users:
  • Discover solution offerings available
  • Deploy the services, maps, and configurable apps
    • One, or more, solution offerings
    • Without sample data
  • Configure the solution to meet their specific needs
    • Add fields
    • Modify field domains and aliases
  • Load data (if required)
Simplifying Deployment

ArcGIS Solutions Deployment Tool
Impact

• GIS professionals can quickly discover and deploy ArcGIS solutions in an organization

• Standardize configuration approaches

• Supports implementation of more comprehensive offerings

• Delivered with ArcGIS
Road Ahead

• Simply, simplify, simplify
• Analytics
• Crowdsourcing / public engagement
• 3D

• Local Government – performance management, neighborhoods, mobility, law enforcement
• Utilities – Utility network and service based deployment
• EM – Preparedness, mitigation, resiliency
• State Government – Natural resources, parks
Thank you

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