ArcGIS Online

ArcGIS Online Is a Cloud Based System

An Emerging Platform for Mapping and Geospatial Content Management

Basemaps
Hosting
Mapping
Sharing
Open Data
Mobile
Groups
Templates
User Content
Images
Geocoding
Applications
Any Device
Catalog
Web Services
Intelligent Maps
Standards
Analysis
APIs

. . . For Individuals, Departments and the Enterprise

ArcGIS Online Organizes Geospatial Content

Makes it Accessible Across An Organization

User and Content Management

Cataloging

Grouping

Hosting

A New Architecture

. . . For Managing and Providing Easy & Secure Access

Intelligent Web Maps Are the New Medium

Integrating Services (Data, Maps, Models . . .)

Supporting

- Information Pop-Ups
- Dynamic Web Services
- Temporal Data
- Spreadsheets
- Spatial Analysis
- Annotation and Sketching

Services and Data

Easily Created and Shared

Accessible

. . . Publishing and Sharing Good Information Products

Intelligent Web Maps Can Be Used Everywhere

. . . Enhancing Access and Collaboration

ArcGIS Online

An open data platform for maps and geographic information

Content

- Basemaps
- Reference layers
- Demographics
- User Contributions

Apps

- Ready-to-use
- Configurable
- Custom (APIs)

ArcGIS Online

Tools

- Routing
- Geocoding
- Gazetteer
- More coming…

Administrative Controls

- Users & Groups
- Content Management
- Collaboration

Administrative Controls

Manage users and content

- User accounts for all employees
- Why?
  - Keep content with the organization
  - Users manage their own content and maps
  - Privileges & Security

ArcGIS Online Workflows

Geospatial Content Management

A GIS Catalog for Everyone

- Catalog Geospatial Info
- Use it Privately or Publicly
- Manage Content
  - Content availability
  - Featured maps & applications
  - Sharing policies
- Monitoring and Reporting
  - Usage and storage

WMS

Map Tiles KML

Maps Images Shapefiles

Geodatabases CSV

Tools and Models GPS Workflows

Features WMTS

Enable Self Service Mapping

Web Services Interconnect the ArcGIS System

- Unique account for each user
- GIS Professionals empower people to make their own maps
- Sharing & Collaboration
- Extends and builds upon traditional GIS work

Making GIS accessible to everyone

Hosted Services

- Publish from ArcGIS Desktop 10.1
  - Create feature and/or tile services in the cloud
- Publish feature services from web clients
  - ArcGIS.com
  - Feature services from CSVs, GPXs, shapefiles
- Publish feature services from MS Office
- Hosted and managed to meet demand
  - Secure
  - No additional servers or infrastructure

Maps on Any Device

Interact with Intelligent Web Maps Anywhere

Facilitate Collaboration

Sharing GIS Maps

- Share web maps with colleagues
- Collaboratively author a map
  - Pre-event planning
  - Live response
  - Project review
- Use groups to model organizational teams

Facilitate GIS Data Sharing

Sharing GIS Data to Cloud Servers

Enables planned as well as ad-hoc sharing

Embed Intelligent Maps into Websites

No GIS domain expertise needed

Use Web Maps for Custom Web Applications

Application templates & API's

- Author with:
  - ArcGIS.com Viewer
- Use in:
  - ArcGIS.com App Templates
  - ArcGIS Viewer for Flex
  - ArcGIS Viewer for Silverlight
  - Web APIs for rich applications
  - Mobile APIs

Enabling your Mobile Workforce

GIS Anywhere

- Data Collection & Inspection
- Map Viewing
  - Access to attachments & related docs
- Dashboards

Geo-enable other business information

Unlock your organizations business data

- Spreadsheets
  - Addresses
  - Standard Geographies (zip, census geography, etc)
  - Lat/Lon
- GPX (GPS files)

Create a GIS Destination

Search and Discover Authoritative Content

- GIS Maps, Apps and services in one web “destination”
- Private and/or Public
- Customized to your organization

ArcGIS Online Integrates Other Platforms

Geospatially Enabling Content Across the Enterprise

Microsoft SharePoint & Office

IBM Cognos

Salesforce

Supporting Direct Integration

ArcGIS Online provides a Destination

- Discover data, maps, and applications
- Reliable and authoritative content
- Create and share your maps
- Leverage maps on any device
- Support internal business workflows
- Communicate with stakeholders
- Support better decision-making

Demonstrations

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