What's New in ArcGIS

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GIS Technology
is implemented in Several Patterns
GIS Is Being Transformed
into a Platform

WebGIS
GIS is All About Integration

Integrating and Synthesizing Information
Breaking Down Barriers
Connecting Solutions

. . . Supporting Collaborative Approaches
Web GIS Supports Everyone
Providing a Common Enterprise Platform

Knowledge Workers
Executive Access
Public Engagement
Work Anywhere
Enterprise Integration

……..Across organizations

Providing Pervasive Access
from Any Device

Web Maps
Web GIS Integrates All Data Types
with Web Maps and Web Services

Enterprise Data

Social Media

Imagery

Sensor Networks

Maps

Big Data

Services

Web Maps

Providing a New Medium for GIS

Web GIS Provides a New Architecture for Integration
Making Data Sharing and Access Easier

Databases

Distributed Services

Web Maps

Enabling a Flexible and Agile Approach
Web GIS Is Changing Everything
Breaking Down the Barriers

Web GIS Is Transforming Organizations
You Are Driving This Transformation

Creating New Relationships

Supporting Collaborative Approaches

Understanding the Technology
Embracing the Pattern
Sharing Successes
Facilitating Collaboration

Leadership is Essential
ArcGIS

Our Work

Enabling Technology

ArcGIS Supports Multiple Implementations

Cloud Based Services

Leveraging Common Computing Architecture
ArcGIS – A Comprehensive Platform
For Mapping, Analyzing, and Managing Geographic Information

ArcGIS – Any Client

Simple
Integrated
Open

Web GIS

Desktop
Web
Device

Server
Online Content and Services
ArcGIS – Powered by Services

ArcGIS – Organizes Content and Manages Access
ArcGIS is a Platform
Enabling GIS Everywhere

ArcGIS Runs Anywhere
Flexible Deployments

... Deployed On-premises, in Public Clouds, or Using Online Services (SaaS)
ArcGIS Online

Cloud Based GIS

Providing
- Apps
- Content
- GIS Capabilities

Improving
- Security
- Analytics
- Ease of Use
- Apps
- Offline Editing/Use

Portal

Desktop Web Device

Online Content and Services

... Complementing and Extending Your Existing Systems

ArcGIS Foundation Apps

Support Common Tasks

Dashboard
Collector*
Explorer*
Insight
Viewer
Story Maps
Web App Builder
Open Data

... A Core Part of the Platform

* Offline Editing / Use
ArcGIS Focused Apps

Supporting Focused Workflows

Enterprise Systems

IBM Cognos
MicroStrategy
SharePoint
SAP
SalesForce

Microsoft Office

Landscape Analysis

Planner
Modeler
Analyst

ArcGIS Content

A Living Atlas

Ready to Use

Best Available

Global
Open Data
Integrated Application for Dissemination of Geospatial Data

- Simple
- Fast
- Multi-Format Delivery

ArcGIS Desktop
Many Improvements
A New Application

ArcMap
ArcGIS Pro
Desktop

- Improved User Experience
- Very Fast
- Combined 2D and 3D
- Powerful Analysis
- Multiple Layouts

Files
DBMS's
Server
Cloud

... Tightly Integrated with Web GIS
ArcGIS for Desktop licenses include an ArcGIS Online Subscription

- Cloud Hosting
- Many Apps
- Sharing
- Content (Living Atlas)

Professional GIS

Maps
Apps
Data
Models
Scenes

Integrating Desktop with Web GIS

ArcGIS Server

Enhances Capabilities and Includes Portal

- Quality
- Security
- Administration
- New Databases
- Real Time
- Intelligent Imagery

Portal

Server

Online Content and Services

Portal Enables
Web GIS on Premises
- Web Maps
- Content Management / Sharing
- Apps
Real Time

GeoEvent Processor Integrates and Exploits Real Time Data

Enabling
- Big Data
- Stream Processing
- Geo-Fencing

Rules / Actions

Streams
ArcGIS Server
Messages

GeoEvent Processor

JMS

Continuous Processing and Analysis

GeoTrigger

Trigger individualized events and push notifications when users enter a location.

Arriving

Leaving

Track when users leave places and track time visited and usage statistics.

Dwelling

Track the amount of time a user spends in a location.
ArcGIS Imagery

ArcGIS Manages and Serves Intelligent Imagery

New Sensors
- SPOT 6
- Landsat 8
- Pleiades
- DMCii
- Chinese (3)

Premium Services
- DigitalGlobe
- AccuWeather
- RapidEye

Intelligent Imagery
- Search
- Image Table
- Multi-Dimensional Data
- Web Analysis
- Web Map
- Pop-Ups

... A Fundamental Part of the System

Engaging With Open Source Community
- Open Source Projects
- Esri on GitHub
- Developer Tools
- Open API's

Developers
Strengthening and Expanding Our Community