What’s New in ArcGIS

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GIS Is Being Transformed
Into a Platform

Leveraging
- Big Data
- Web Services
- Measurement
- Cloud
- Faster Computing
- Devices

Integrating
- LBS
- Imagery
- GPS
- Real Time
- Lidar
- 3D
- Pervasive Content

Emerging
- Apps
- Pervasive Access
- Online Content
- Mapping
- Mashup
- Collaboration
- Analytics
- Easy

Web GIS

Making GIS Easier and Always Available
Integration

GIS Is All About Integration

- Integrating and Synthesizing Information
- Breaking Down Barriers
- Connecting Solutions

An Essential Language
... Supporting Collaborative Approaches
GIS Technology
Is Implemented in Several Patterns
ArcGIS Is a Platform
Enabling GIS Everywhere

Simple
Open
Configurable

Available in the Cloud . . .
. . . and On-Premises
Powerful Tools for Mapping, Editing, and Spatial Analysis

Desktop

Extensions

3D
Network
Data Interop
Spatial Analysis
Workflow
Schematics
Data Reviewer
Geostats

ArcMap

Desktop

Files
DBMS
Server
Cloud

... All Geospatial Data In Any Format
Desktop Gets Better
Enhances Quality and Introduces New Capabilities

Mapping
- Improved Editing
- Generalization

Analysis
- Optimized Hot Spot
- Geoprocessing

Image Processing
- Processing
- Classification

Big Data

Security
- PKI...
Desktop Improves 3D GIS
Integrating Many New Tools

- Lidar Performance
- Rule-Driven 3D Models
- Web Scenes

Transforming How We See the World
Desktop Demo
Server

Enhances Capabilities and Includes Portal

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

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

Continuous Processing and Analysis
Improving
• Security
• Identity
• Analytics
• Ease of Use
• Apps
• Offline Editing / Use

Providing
• Apps
• Content
• GIS Capabilities

Online Cloud Based GIS

Portal

Desktop Web Device

Server Online Content and Services

... Complementing and Extending Your Existing Systems
Content
A Living Atlas

Ready to Use
Best Available
Global
National Landscape Data is Now Available Supporting Planning, Visualization and Analysis

Physical Geography
- Watersheds
- Elevation
- Slope
- Aspect
- NHD+
- Soils
- Landforms
- Faults
- Wetlands
- Evapotranspiration

Cultural Geography
- Roads
- Rail
- Flood Risk
- Historic Sites
- Transmission Lines
- Pipelines
- Oil Shale Basins
- Coal Bed Methane Basins
- Earthquake Risks

Bio-Geography
- Critical Habitat
- Ecological Systems
- Land Cover

Content
- 30+ Layers and 500+ Variables
- Detailed Vector and Raster
- Use in Desktop and Online

Apps
- Roads
- Rail
- Flood Risk
- Historic Sites
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- Oil Shale Basins
- Coal Bed Methane Basins
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Landscape Modeler
- Landscape Analyst
- Landscape Planner
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
Continually Expanding with New Capabilities and Functions
Core Part of the Platform

Collecting / Editing
Viewing
Mapping
Analysis
Awareness
Communication

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

Multiple Devices

Making the Platform Pervasive

... A Core Part of the Platform
Open Data

Integrated Application for Dissemination of Geospatial Data

- Simple
- Fast
- Multi-Format Delivery

Integrated Part of ArcGIS Online
ArcGIS Online
ArcGIS

Solution Templates

Industry Apps, Maps, and Platform Configurations

- Free
- Easily Configured
- Fully Supported
- Open Source

Military & Security

Emergency Management

Government

Utilities

For End Users and Partners . . .

. . . Improving Productivity and Leveraging Best Practices
Incremental Software Releases . . .
. . . Continuous Online Improvements

ArcGIS

Roadmap

Improving the Platform

. . . Focused on Quality, User Needs, and Innovation
ArcGIS Pro

A New Application for Desktop

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

... Tightly Integrated with Web GIS