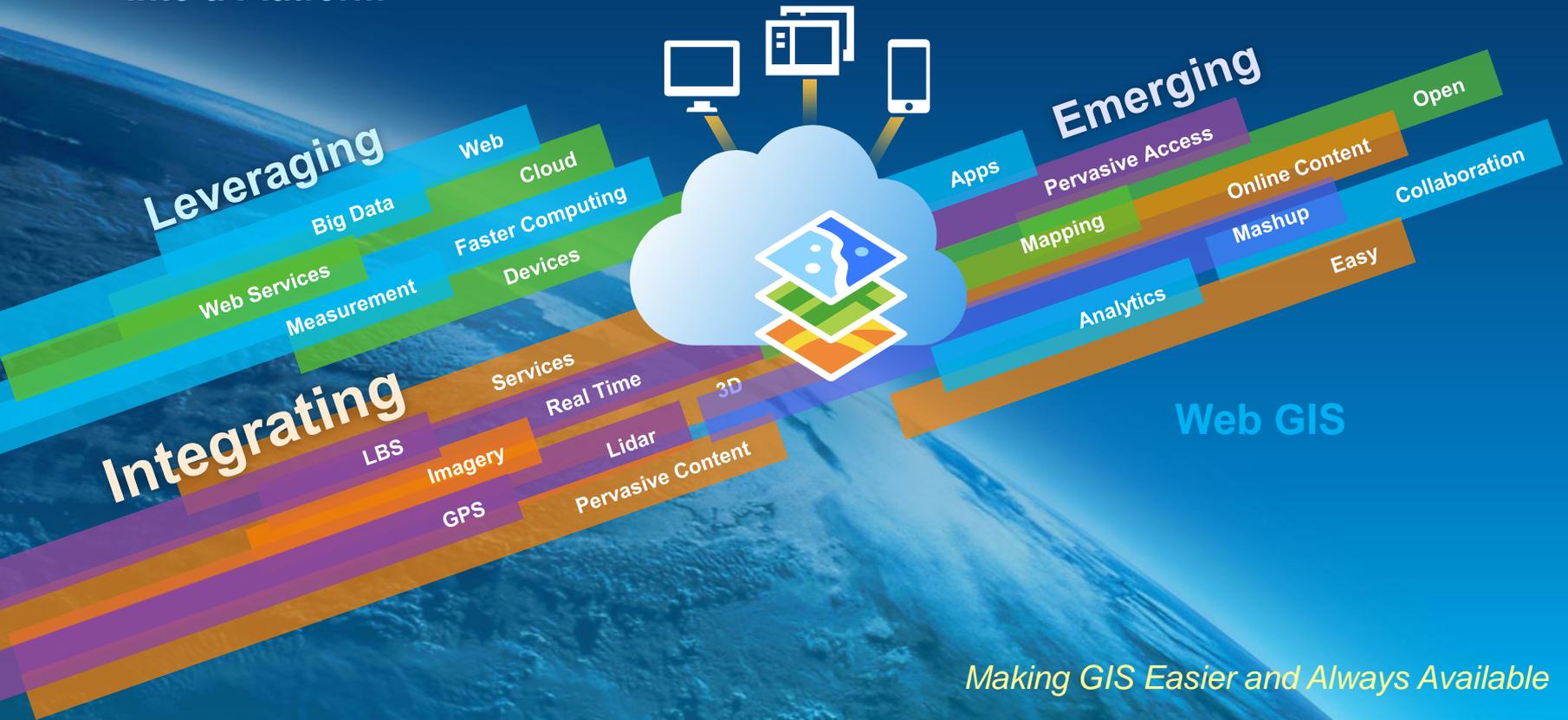




What's New in ArcGIS

James Tedrick

GIS Is Being Transformed Into a Platform



Making GIS Easier and Always Available

Integration

GIS Is All About Integration



**Integrating and
Synthesizing Information**



Breaking Down Barriers

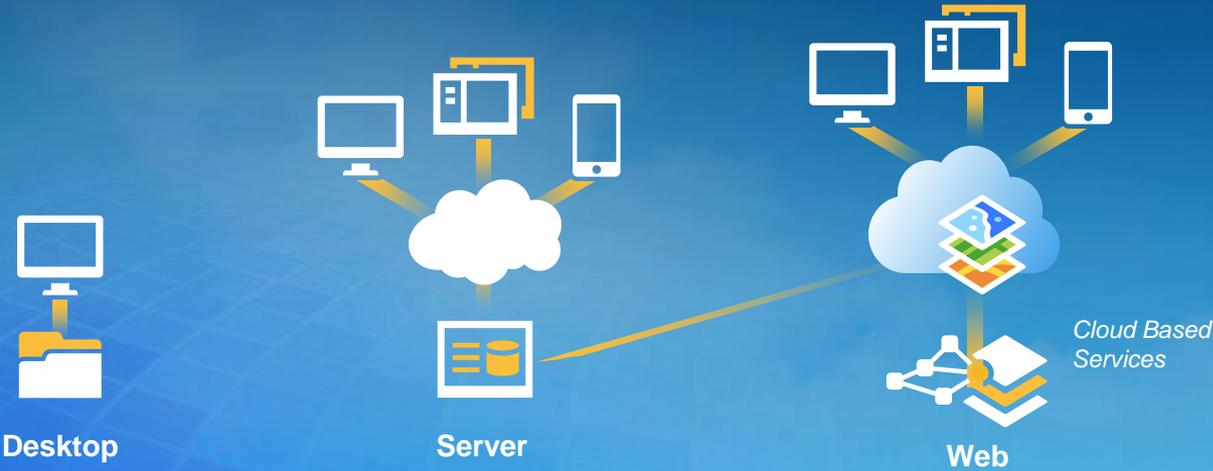


Connecting Solutions

*An Essential Language
... Supporting Collaborative Approaches*

GIS Technology

Is Implemented in Several Patterns



ArcGIS Is a Platform

Enabling GIS Everywhere

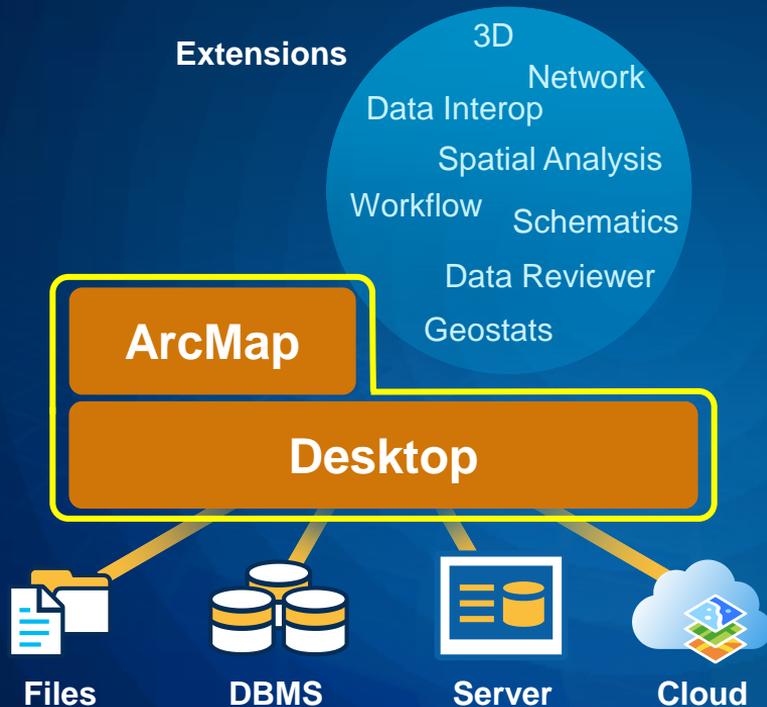
Simple
Open
Configurable



*Available in the Cloud . . .
. . . and On-Premises*

Desktop

Powerful Tools for Mapping,
Editing, and Spatial Analysis



... All Geospatial Data In Any Format

Desktop Gets Better

Enhances Quality and Introduces New Capabilities

Mapping

Improved Editing



Generalization

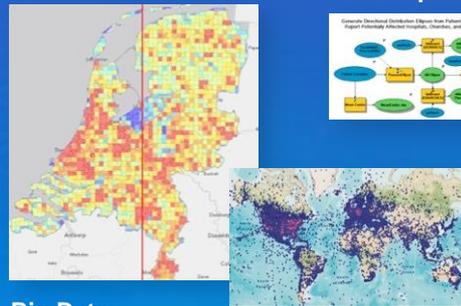


Analysis

Optimized Hot Spot

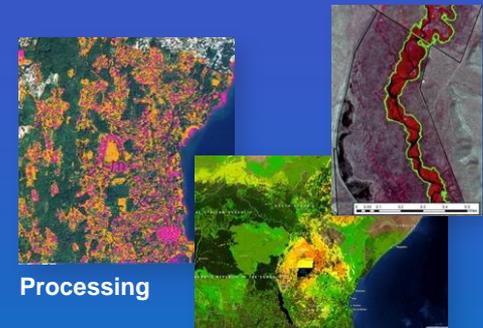


Geoprocessing



Big Data

Image Processing



Processing



Classification

Security



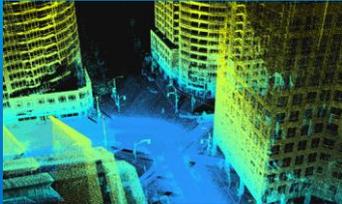
PKI ...

102 Desktop Improves 3D GIS

Integrating Many New Tools

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

Lidar



Rule-Driven 3D City Models



Rotterdam



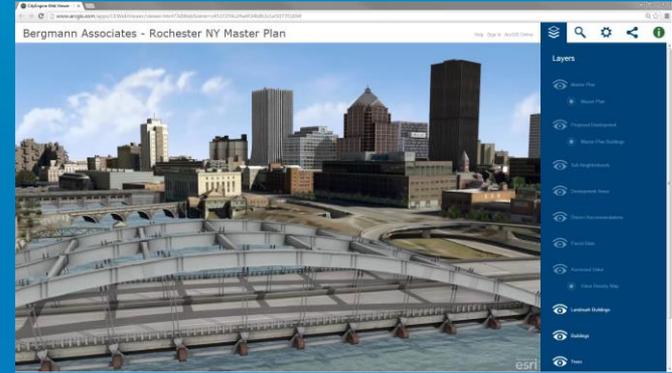
Brisbane

Sydney



Portland

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

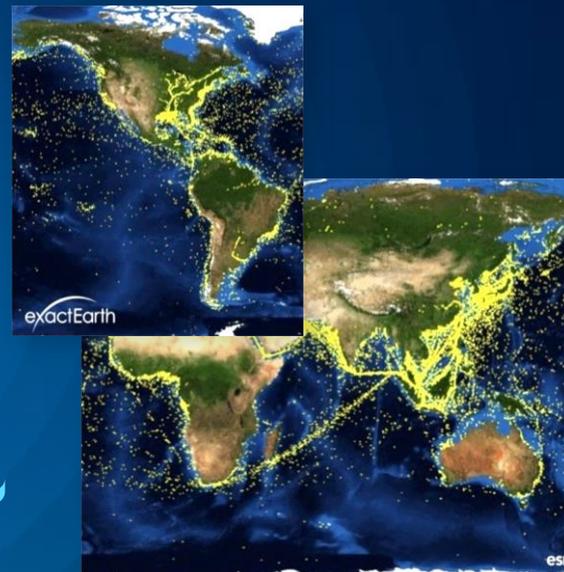
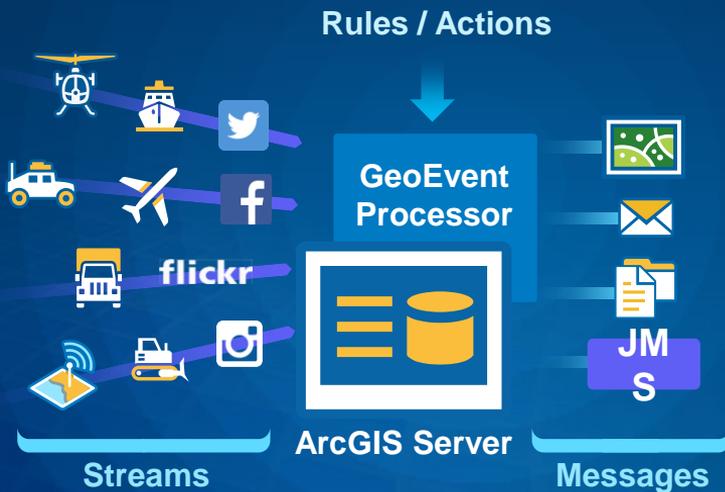
- Web Maps
- Content Management / Sharing
- Apps

Real Time

GeoEvent Processor Integrates and Exploits Real Time Data

Enabling

- Big Data
- Stream Processing
- Geo-Fencing



Continuous Processing and Analysis

Online

Cloud Based GIS

Providing

- Apps
- Content
- GIS Capabilities



Desktop



Web



Device



Portal



Server



Online Content
and Services

Improving

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

... Complementing and Extending Your Existing Systems

National Landscape Data is Now Available

Supporting Planning, Visualization and Analysis

Physical Geography

Watersheds
Elevation
Slope
Aspect
NHD+
Soils
Landforms
Faults
Wetlands
Evapotranspiration

Land Management

Federal Land
Native Land

Cultural Geography

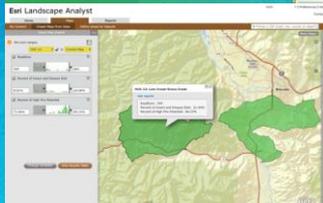
Roads
Rail
Flood Risk
Historic Sites
Transmission Lines
Pipelines
Oil Shale Basins
Coal Bed Methane Basins
Earthquake Risks

Bio-Geography

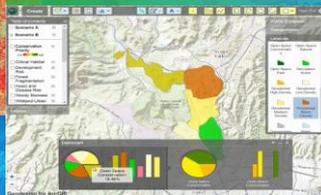
Critical Habitat
Ecological Systems
Land Cover

Landscape Modeler

Landscape Analyst



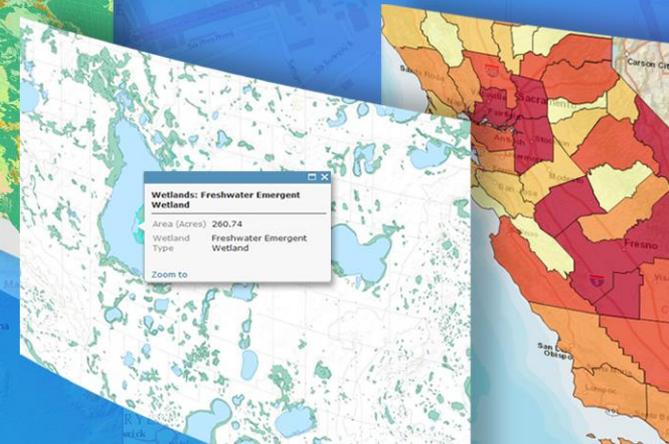
Landscape Planner



Content

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

Apps



Imagery

ArcGIS Manages and Serves Intelligent Imagery

New Sensors



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

Premium Services

DigitalGlobe



AccuWeather



RapidEye

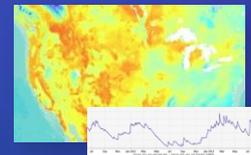


Intelligent Imagery

Search



Image Table



Multi-Dimensional Data

Web Analysis

Web Map



Pop-Ups



... A Fundamental Part of the System

Analytics

Web Based Analysis

Find Hot Spots



Summarize Within

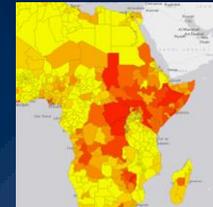
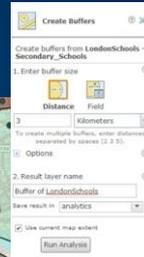
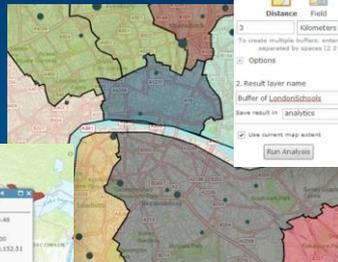
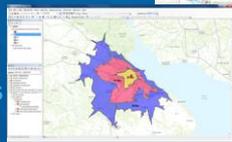


Field Calculator

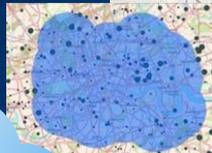
Extract Data



Overlay Layers



Summarize Nearby



Create Buffers

Aggregate Points



Enrich Layer

Drive-Time Areas

Merge Layers

Dissolve Boundaries

Find Nearest



... Continually Expanding with New Capabilities and Functions

Foundational Apps

Making the Platform Pervasive

Supporting Common Tasks

- Collection / Editing
- Viewing
- Mapping
- Analysis
- Awareness
- * Communication
Offline Use

Multiple Devices

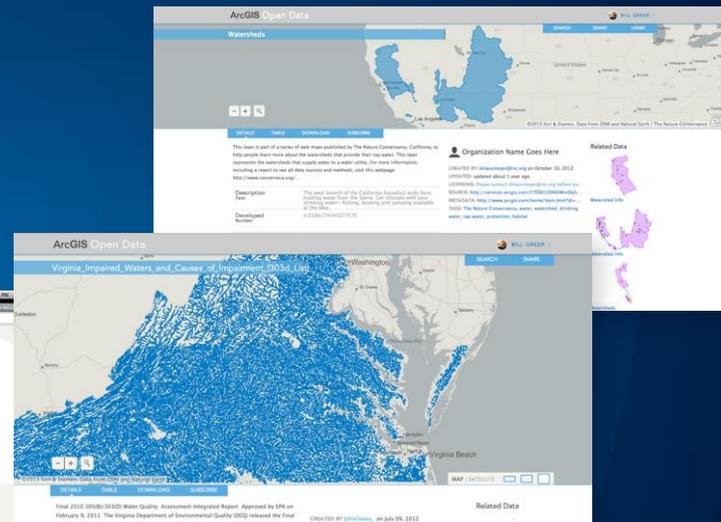
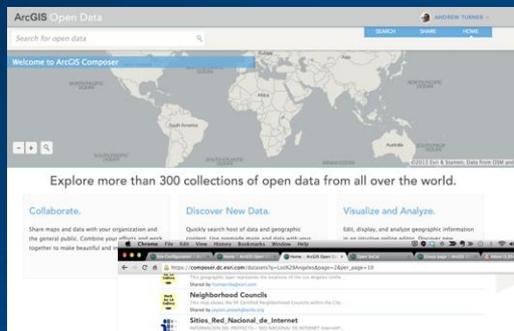


... A Core Part of the Platform

Open Data

Integrated Application for
Dissemination of Geospatial Data

- Simple
- Fast
- Multi-Format Delivery



Integrated Part of ArcGIS Online



ArcGIS Online

Solution Templates

Industry Apps, Maps, and Platform Configurations

- Free
- Easily Configured
- Fully Supported
- Open Source



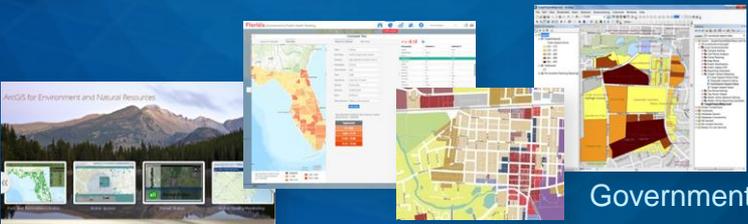
Military & Security



Emergency Management



Utilities



Government



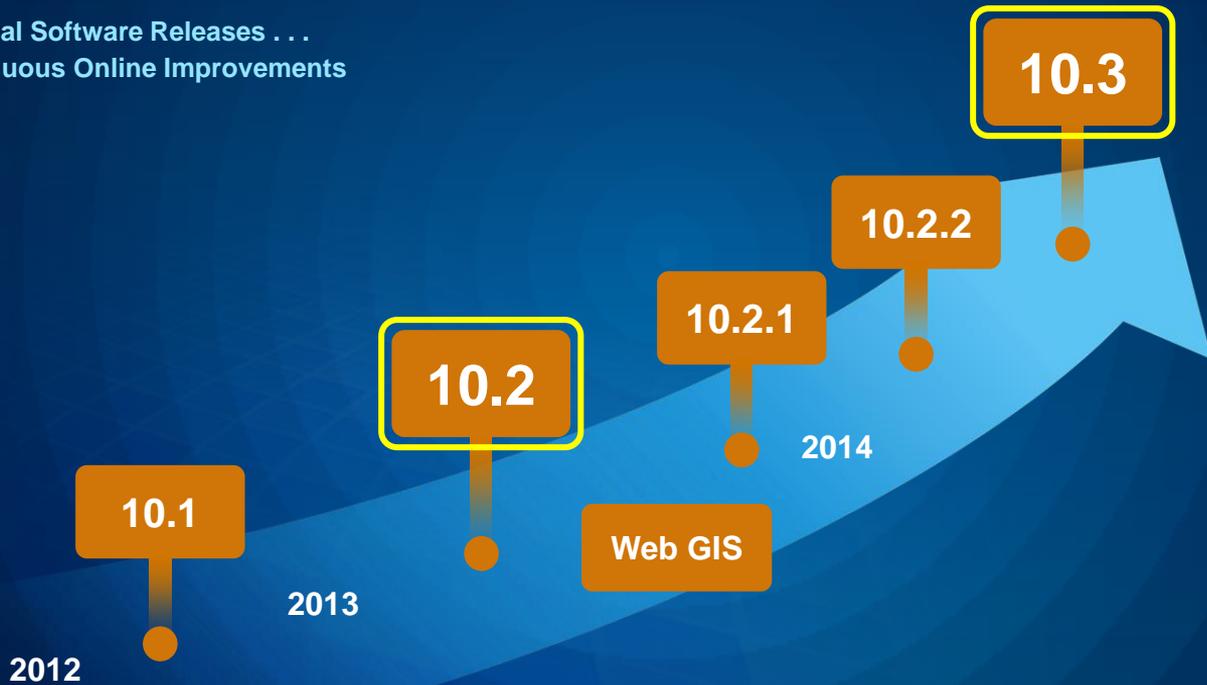
ArcGIS for Environment and Natural Resources

*For End Users and Partners . . .
 . . . Improving Productivity and Leveraging Best Practices*

Roadmap

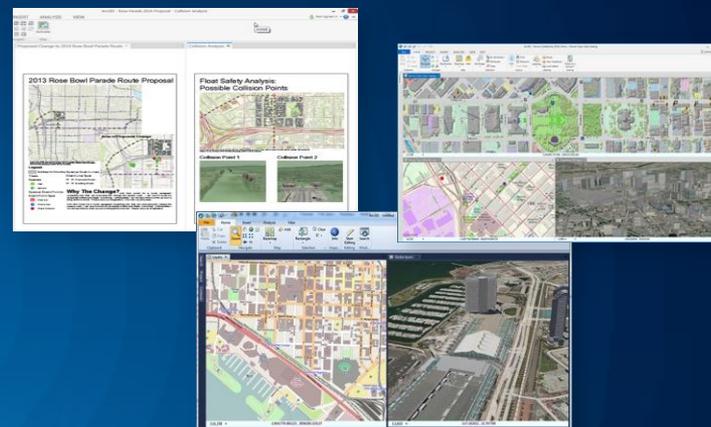
Improving
the Platform

Incremental Software Releases . . .
. . . Continuous Online Improvements



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

A New Application
for Desktop



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

... *Tightly Integrated with Web GIS*



Pro Demo