January 24, 2015 | Athens

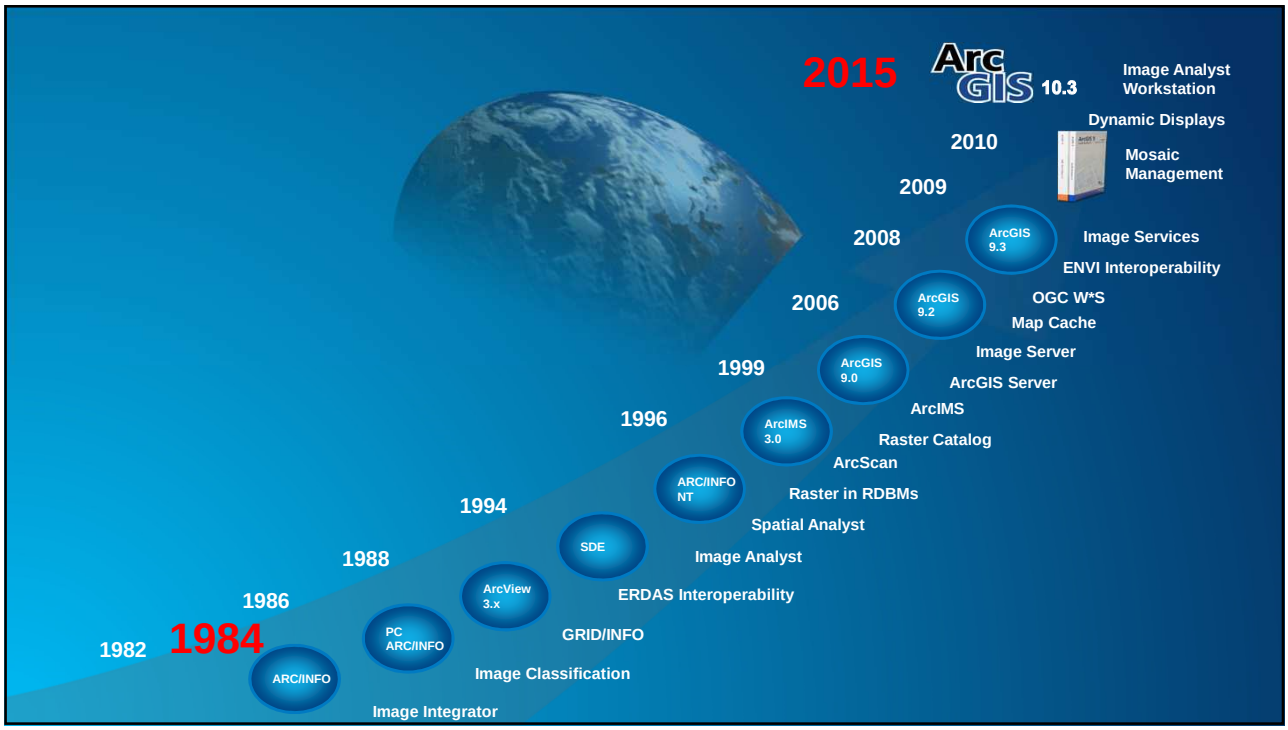
Marathon Data Systems - ESRI

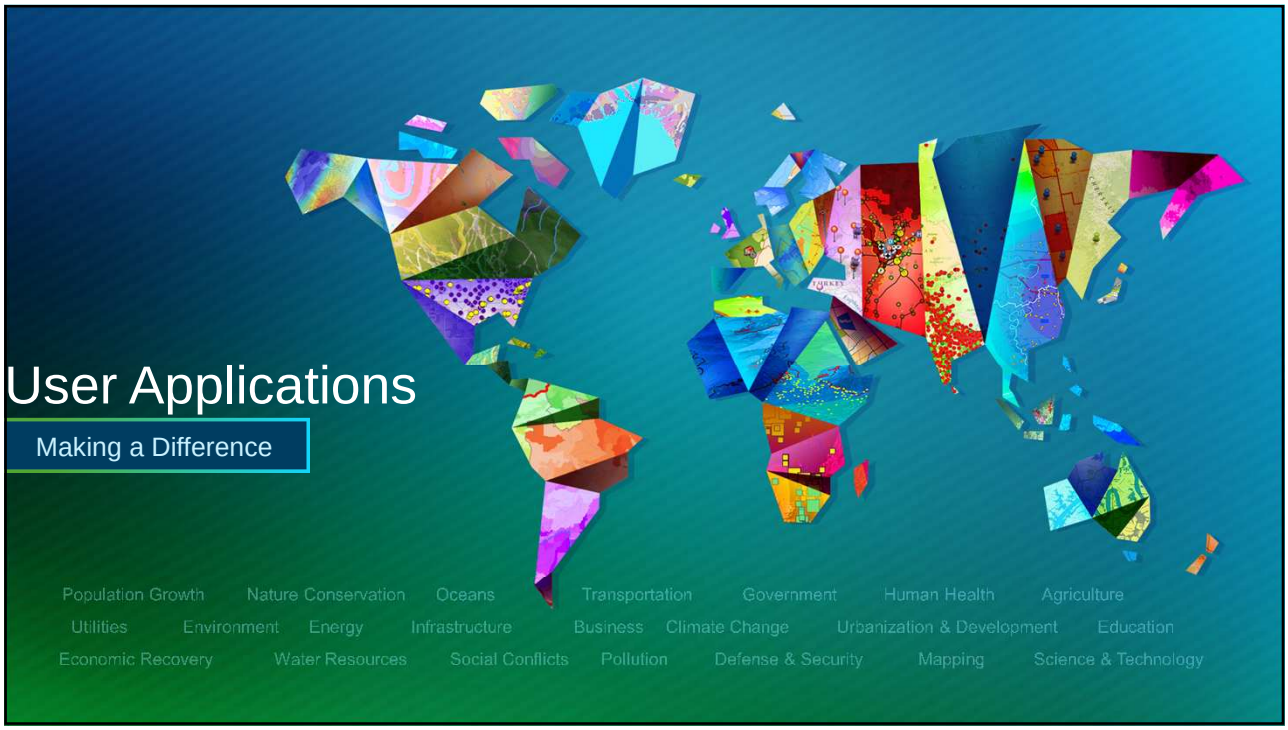
Elias Lazarou

Marathon Data Systems
Esri Official Distributor

Marathon Data Systems

- 30 years of experience in the field of Geographic Information Systems.
- Official Esri distributors in Greece and Cyprus for 30 years.
- Numerous ArcGIS licenses in organizations/authorities such as:
  - *Military*
  - *Ministries*
  - *Cadastre*
  - *Local government*
  - *Private sector*
  - *Academic Institutions etc...*


2015
ArcGIS 10.3
Image Analyst Workstation
Dynamic Displays
2010
Mosaic Management
2009
2008
ArcGIS 9.3
Image Services
ENVI Interoperability
2006
ArcGIS 9.2
OGC W*S
Map Cache
Image Server
1999
ArcGIS 9.0
ArcGIS Server
ArcIMS
1996
ArcIMS 3.0
Raster Catalog
ArcScan
ARC/INFO NT
Raster in RDBMs
1994
Spatial Analyst
SDE
Image Analyst
1988
ArcView 3.x
ERDAS Interoperability
1986
PC ARC/INFO
GRID/INFO
1982
1984
ARC/INFO
Image Classification
Image Integrator

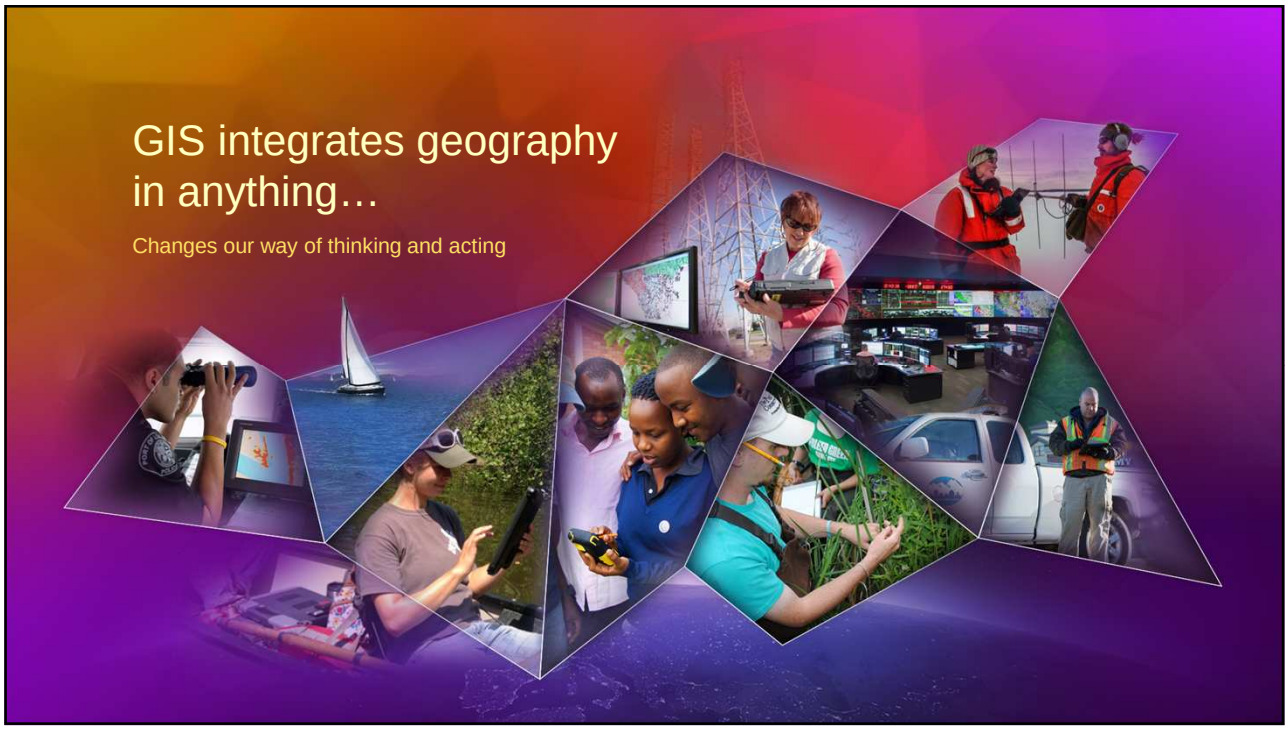

User Applications
Making a Difference
Population Growth
Nature Conservation
Oceans
Transportation
Government
Human Health
Agriculture
Utilities
Environment
Energy
Infrastructure
Business
Climate Change
Urbanization & Development
Education
Economic Recovery
Water Resources
Social Conflicts
Pollution
Defense & Security
Mapping
Science & Technology

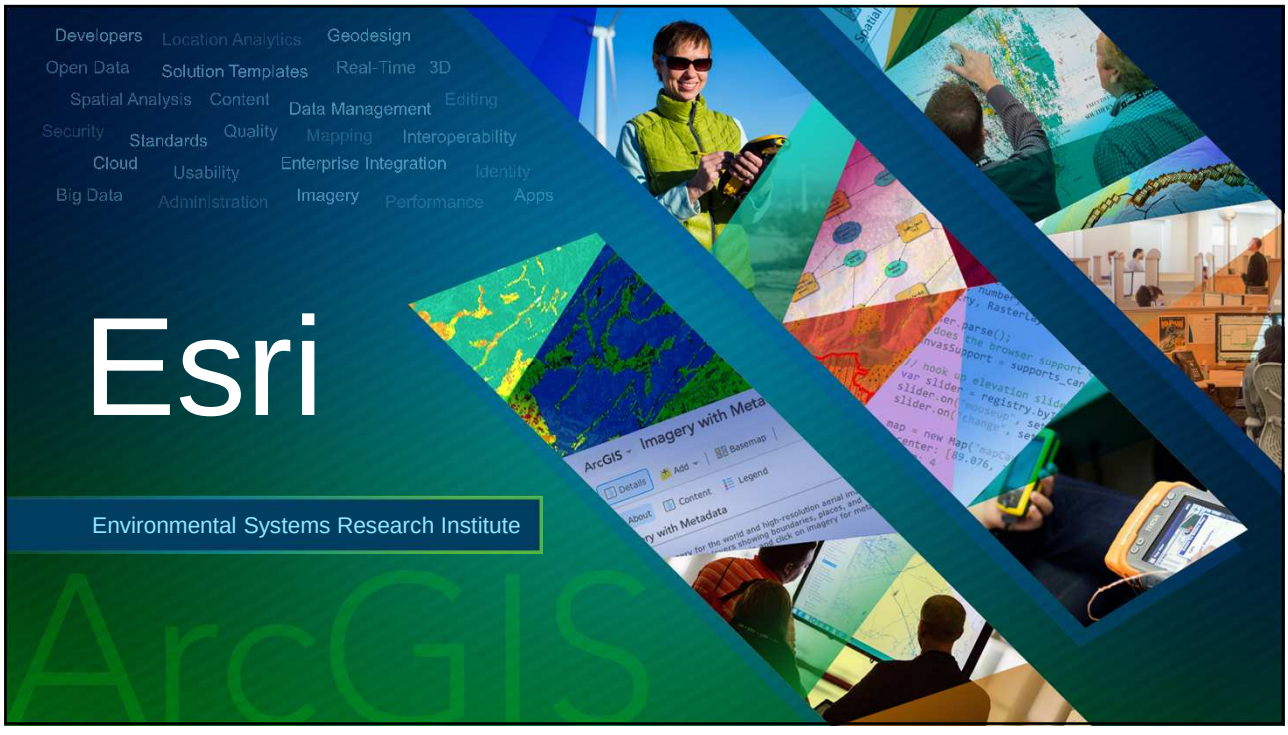
ArcGIS can be found on:

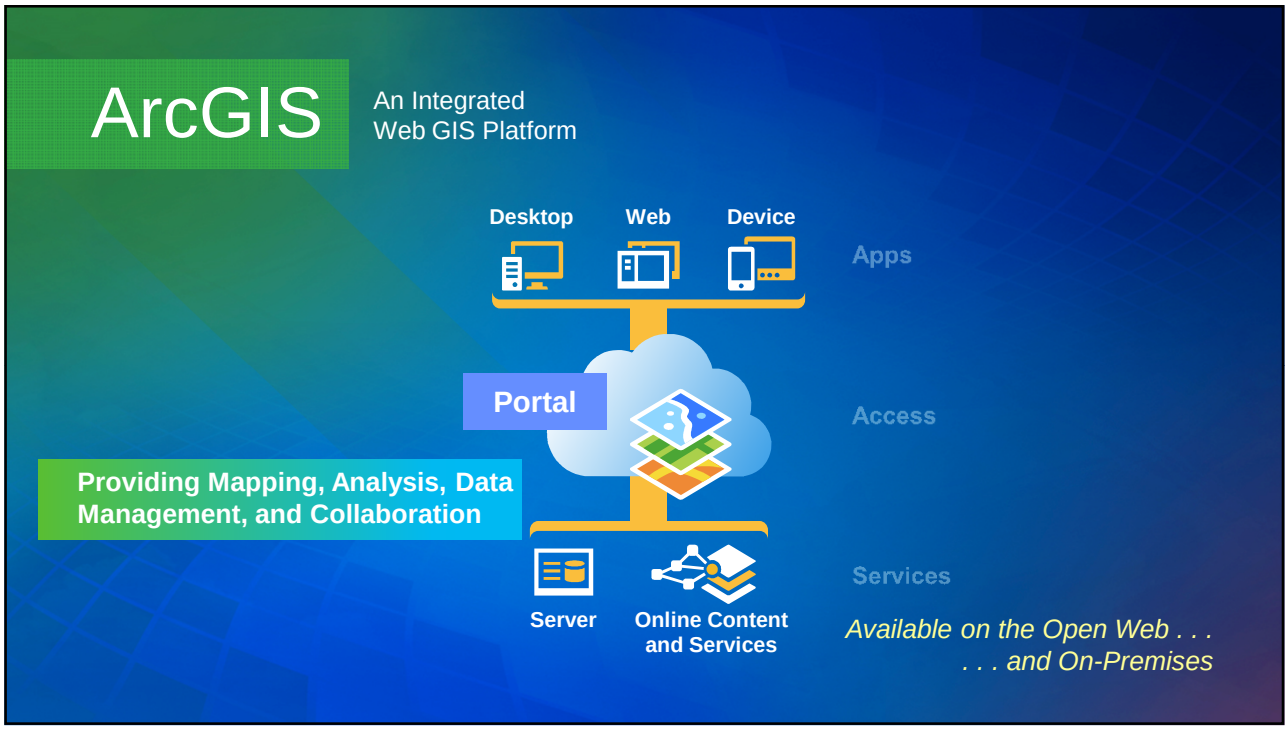
- *public sector*
- *private sector*
- *local government*
- *Academia*

…And their applications cover almost any aspect:

- Agriculture
- Utility networks
- Telco
- Urban Planning
- Local government
- Sales
- Marketing
- Tourism
- Internet Applications
- Multimedia
- Map production
- Archeology
- Transportations
- Telecommunications
- Satellite imagery
- Field GIS
- Remote Sensing
- 3D models
- Databases
- Environmental Design
- Education
- Cartography
- Street networks
- Hydrographic networks
- Statistics
- Health etc.


GIS integrates geography
in anything…
Changes our way of thinking and acting


Developers
Location Analytics
Geodesign
Open Data
Solution Templates
Real-Time
3D
Spatial Analysis
Content
Data Management
Editing
Security
Standards
Quality
Mapping
Interoperability
Cloud
Usability
Enterprise Integration
Identity
Big Data
Administration
Imagery
Performance
Apps
Esri
Environmental Systems Research Institute
ArcGIS


ArcGIS
An Integrated
Web GIS Platform
Desktop
Web
Device
Apps
Portal
Access
Providing Mapping, Analysis, Data
Management, and Collaboration
Server
Online Content
and Services
Services
Available on the Open Web . . .
. . . and On-Premises

ArcGIS
Provides a
Common Platform
Knowledge Workers
and Executives
Developers
GIS Professionals
ArcGIS
Supporting and Connecting Multiple Communities

The App Revolution
Is Making Web GIS Available Everywhere
Anytime
Anywhere
Any Device

Desktop
Online
Portal
Content
Apps
Server
ArcGIS
Product
An Integrated System
Portal

ArcGIS

Desktop

Professional GIS Applications

New

- Intuitive
- Fast (64 bit)
- Multiple Layouts
- 2D / 3D
- Create Web Maps
- Tasks and Projects

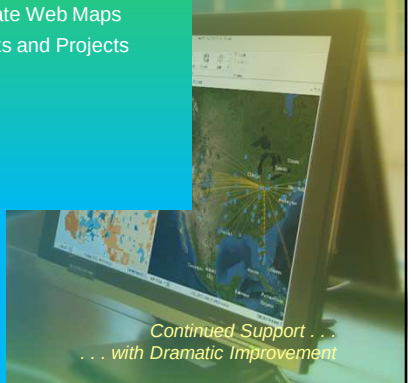
ArcMap

New
ArcGIS Pro

Side-by-Side

Improved

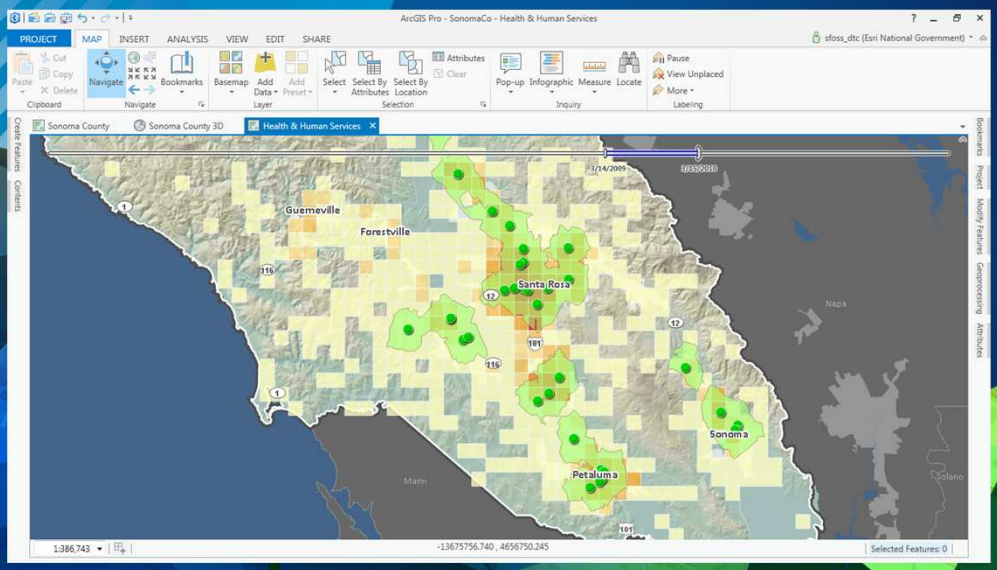
- Quality
- Performance
- Cartography
- Analytics
- Image Processing
- Security (PKI)



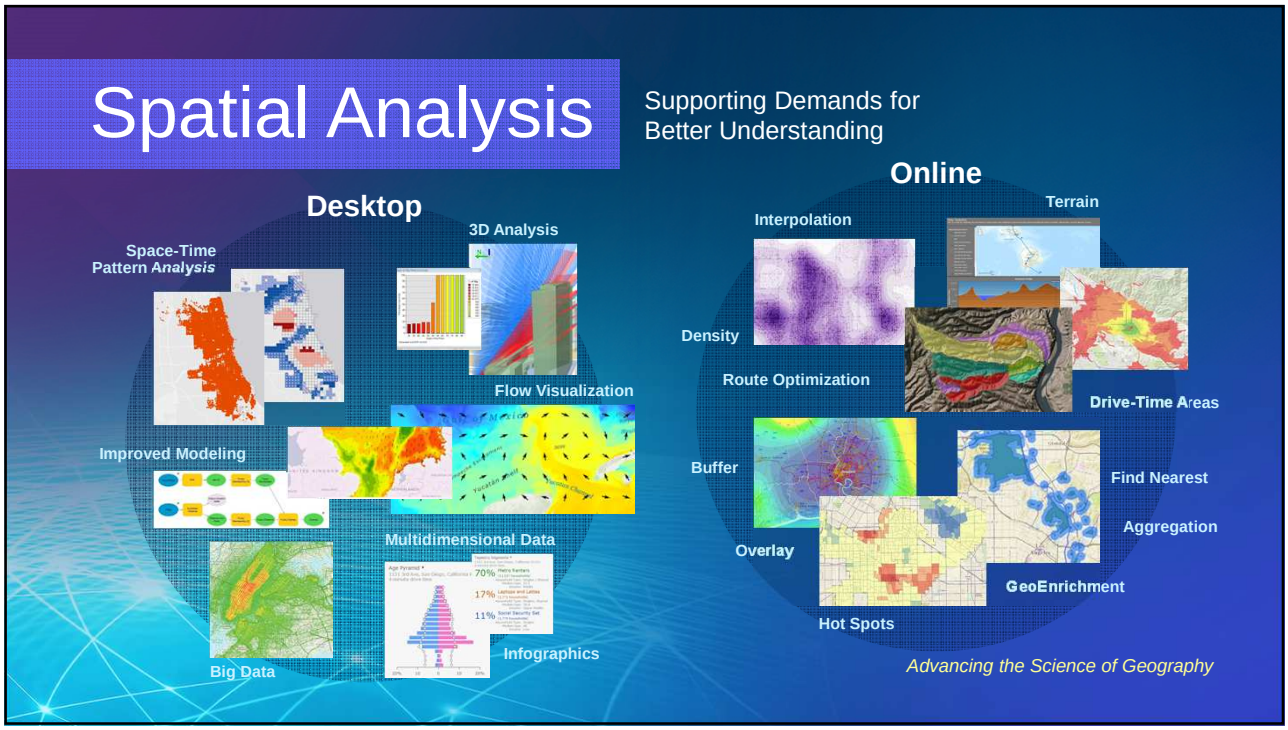
Continued Support . . .
. . . with Dramatic Improvement

Providing Mapping, Visualization, Editing, and Analysis

ArcGIS Pro



ArcGIS
Desktop
Includes ArcGIS Online
Users
Apps
Anonymous Access
Desktop
Web GIS
Unlimited Web Mapping
Data Hosting
Living Atlas
Many Apps
. . . Extending Your Capabilities


Spatial Analysis
Supporting Demands for Better Understanding
Desktop
Space-Time Pattern Analysis
3D Analysis
Flow Visualization
Improved Modeling
Multidimensional Data
Big Data
Infographics
Online
Interpolation
Terrain
Density
Route Optimization
Drive-Time Areas
Buffer
Find Nearest
Aggregation
Overlay
GeoEnrichment
Hot Spots
Advancing the Science of Geography

3D

Enabling Visualization and Analysis on Desktops, Browsers, and Devices

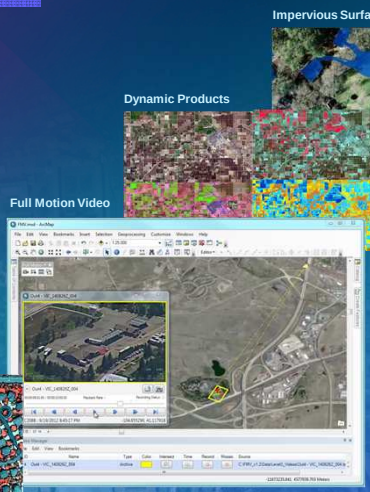
- Web Scenes
- Lidar Analysis
- Rule-Based Symbology
- Editing and Designing

CityEngine

Imagery

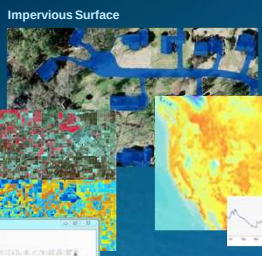
Managing, Analyzing, and Serving Intelligent Imagery

- Scientific Formats (HDF, GRIB, NetCDF)
- Segmentation and Classification Tools
- Visualization and Analytics

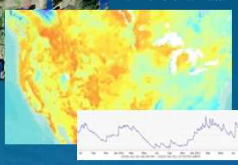


Full Motion Video

Segmentation

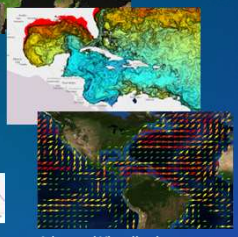


Dynamic Products



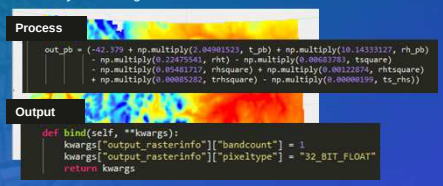
Multi-dimensional Data

Landsat Services



Advanced Visualization

On-the-Fly Processing

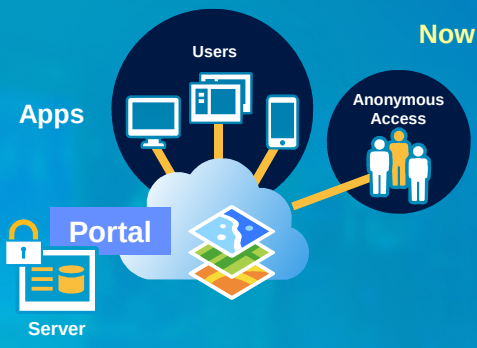


Supporting Single Scenes . . .
. . . and Massive Collections

ArcGIS

Server

Enterprise GIS in
Your Own Infrastructure



Now a Web GIS

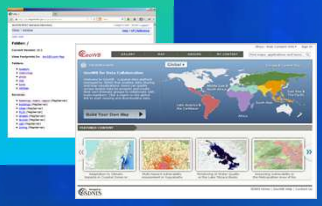
New

- Portal (Included)
- Custom Roles
- 3D Services
- Real-Time Services

Monitoring Tools

Improved

- Scalability and Quality
- Authentication (SAML)
- Active Directory Support



Improved Server Experience

Providing Geodata Management, Analysis, and Mapping

. . . Supporting On-Premises and Hybrid Systems

Real-Time

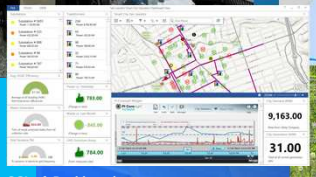
Supporting Geographic
Monitoring and Alerting

- **Many Sensors**
- **Spatial Analysis**
- **Stream Service**
- **Big Data**

PG&E

Arctic Shipping and Sea Ice

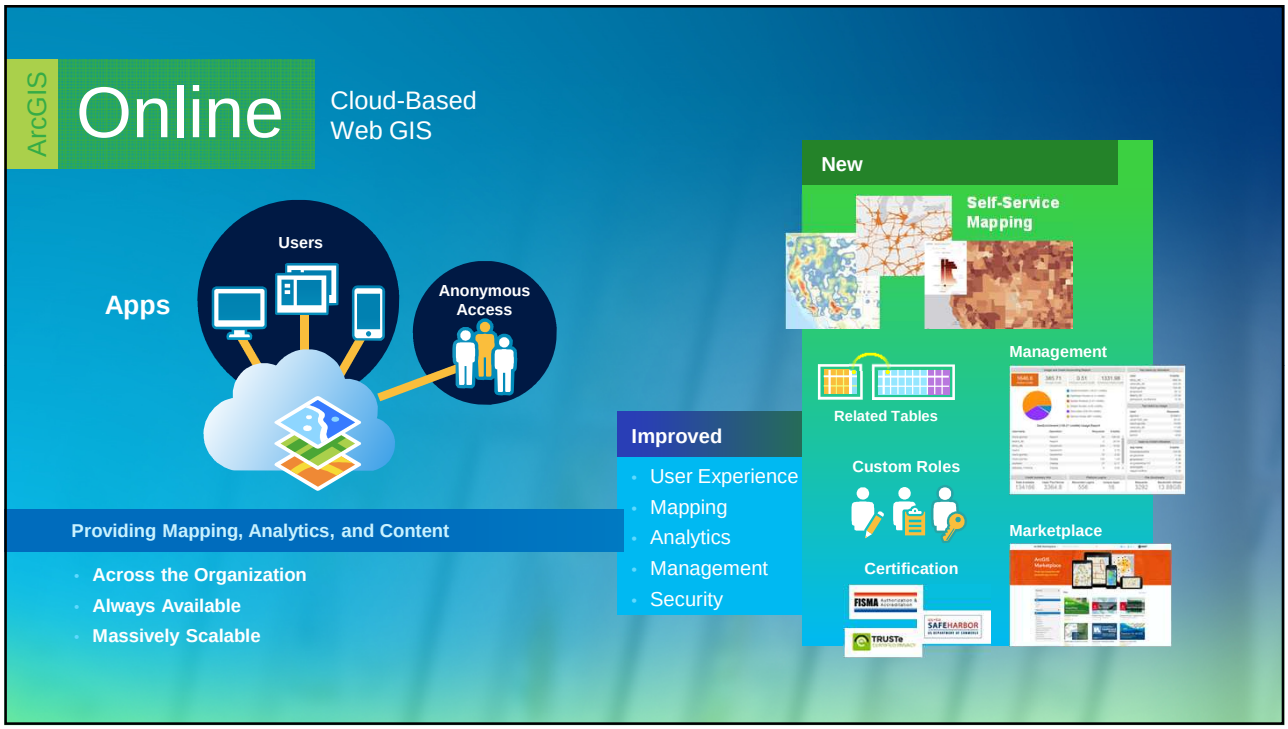
Exact Earth



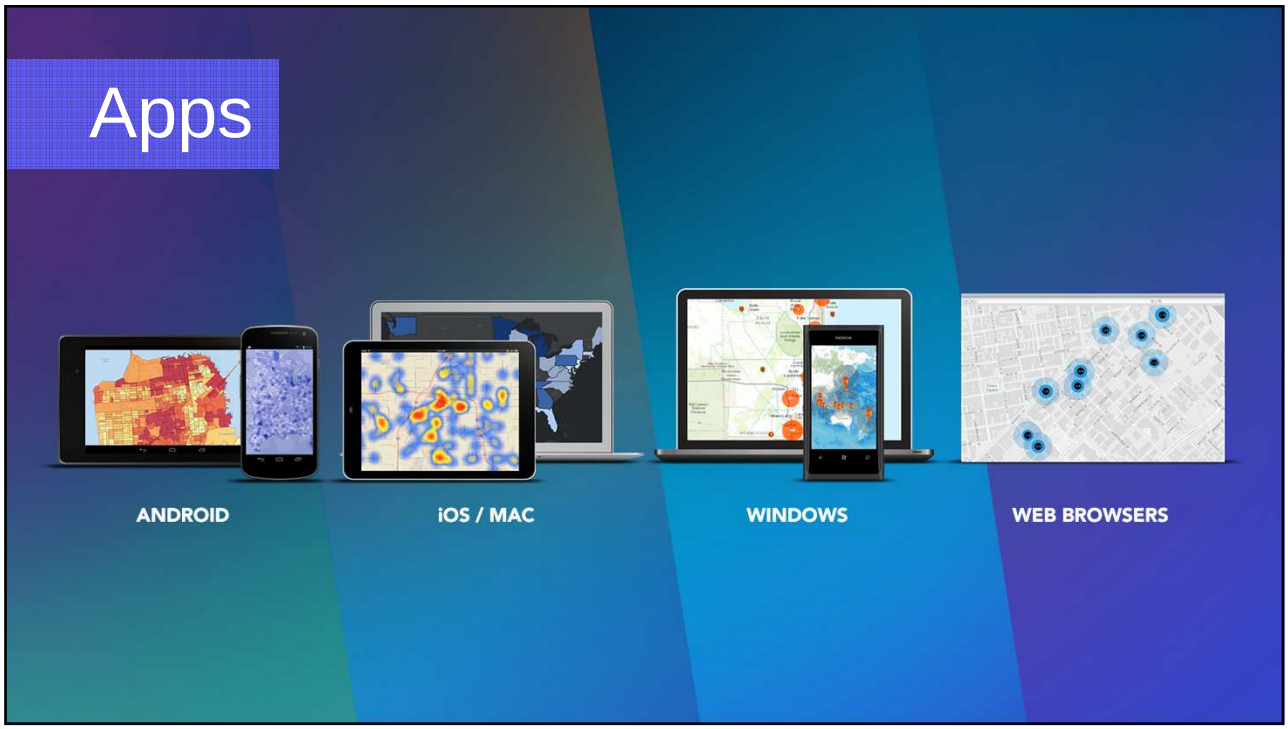
OSIsoft Dashboard

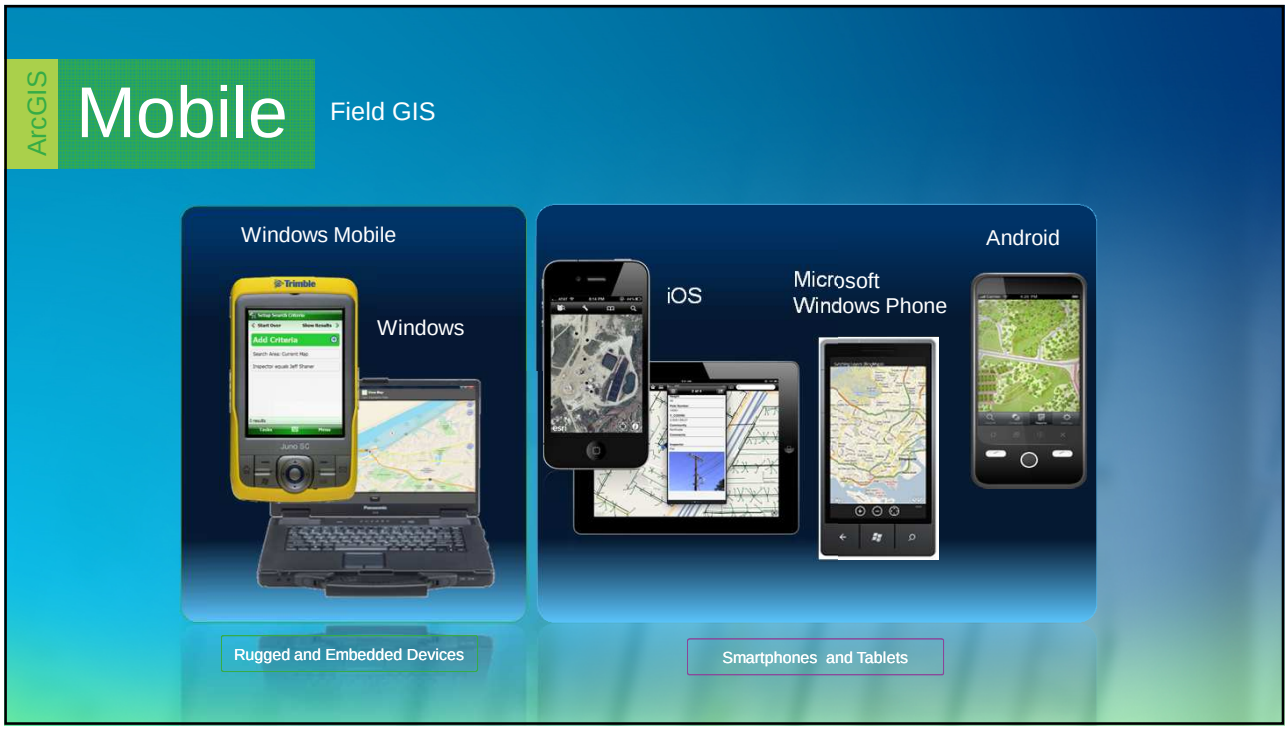
Big Data

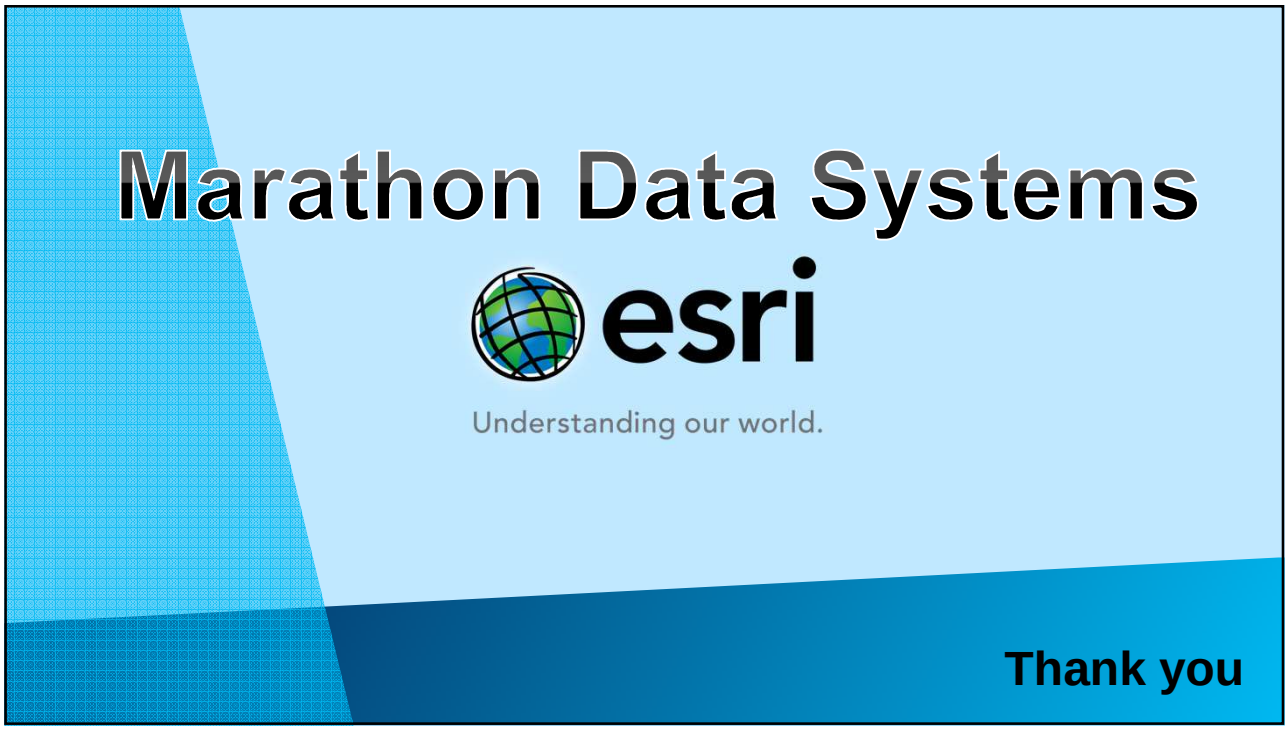
GeoEvent Extension


ArcGIS
Online
Cloud-Based
Web GIS
Apps
Users
Anonymous Access
Providing Mapping, Analytics, and Content
Across the Organization
Always Available
Massively Scalable
Improved
User Experience
Mapping
Analytics
Management
Security
New
Self-Service Mapping
Related Tables
Management
Custom Roles
Marketplace
Certification
FISMA
SAFEHARBOR
TRUSTe

Content
A Ready to use data
Landscape
Basemaps
Imagery
Demographics


Apps
ANDROID
iOS / MAC
WINDOWS
WEB BROWSERS


ArcGIS
Mobile
Field GIS
Windows Mobile
Windows
Rugged and Embedded Devices
iOS
Microsoft
Windows Phone
Android
Smartphones and Tablets


Marathon Data Systems
esri
Understanding our world.
Thank you