ArcGIS Apps: Selecting the Right Apps for Your Organization

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Agenda

- Overview and main themes
- Apps for the Office
- Apps for the Field
- Apps for the Community
- AppBuilders
- Summary
The ArcGIS Platform enables Web GIS
Enabling GIS Everywhere

Available in the Cloud... and On-Premises

Simple
Integrated
Open
Main Themes

- **Apps** → Key “products” from ArcGIS that many end-users interact with
- Apps enable stakeholders to meet a need, solve a problem
- Apps bring the ArcGIS Platform to everyone in the organization
Why are Apps Important

- **Manager**
  - Leverage the full potential of your GIS investment
    - Apps → solve common business workflows
  - Deploy the “web GIS” pattern within your organization
  - Have everyone in your organization work with the same data

- **GIS Analyst**
  - Share your work to other parts of the organization
  - Enable other departments to leverage your geospatial assets
  - Curator of the authoritative datasets in your organization
ArcGIS Apps – Many Different Solutions

- Toolbox analogy → Different tools for different tasks
- ArcGIS Platform has many different apps to meet many different needs
ArcGIS Includes many out of the box Apps
Focused, powerful, ready to use

- 4 main themes
  - Based on common business workflows

Office  Field  Community  Builders
1. Apps for the Office
Helping people make good decisions

• Apps that are used in the workplace
• Can also be used by other departments in your organization
  - Enable non-traditional GIS user to leverage your geospatial assets

ArcGIS Earth
Esri CityEngine
Maps for Office
Maps for SharePoint
Insights for ArcGIS
Esri Business Analyst
GeoPlanner for ArcGIS
ArcGIS Maps for Adobe Creative Cloud
Operations Dashboard for ArcGIS
ArcGIS Earth

- Lightweight data viewer app
- Support file-based workflows with KML
- Low training requirement
CityEngine for ArcGIS

Create 3D Cities

Design new developments

Share 3D to the web
ArcGIS Maps for Office

Map spreadsheet data

Do light spatial analysis

Create interactive maps in PPT
Esri Maps for SharePoint

Share GIS info on SharePoint sites

Geocode SharePoint lists

Allow SharePoint users to do map-based analysis
ArcGIS Maps for Power BI

Provide better maps to BI users

Answer located-based questions

Add content with Esri demographics and ArcGIS layers
ArcGIS Business Analyst

Demographic data for 130+ countries

Location-driven market insights

Create beautiful infographics
GeoPlanner for ArcGIS

Plan and design in multiple scenarios

Evaluate scenarios with real-time dashboards

Collaborate on scenarios in 2D and 3D
ArcGIS Maps for Adobe Creative Cloud

Create maps for communication

Add geographic content

Add your brand aesthetic
Operations Dashboard for ArcGIS

Monitor real-time operations

Key performance indicators (KPIs)

Enables at-a-glance decision making
2. Apps for the Field
Improve operational efficiency

- Replace redundant inefficient field processes
- Reduce costs and overhead
- Improve accuracy and currency of data
- Modernize workflows
- Use individually or together, depends on your business workflows
Field Operations with ArcGIS

- ArcGIS for Desktop
- Workforce for ArcGIS
- Navigator for ArcGIS
- Operations Dashboard for ArcGIS
- Drone2Map for ArcGIS
- Survey123 for ArcGIS
- Collector for ArcGIS

Field Operations
Workforce for ArcGIS

Optimize field operations

Plan, coordinate field work

Location awareness

Dispatcher

Field Workers
Open an assignment
Navigate to it
Capture data:
• Map: Collector for ArcGIS
• Form: Survey123 for ArcGIS
• Flag as completed
Collector for ArcGIS

- Web maps
- High accuracy GPS
- Works offline
Survey123 for ArcGIS

Form-centric field data collection

Leverages Smart forms

Analyze results immediately
Drone2Map for ArcGIS

- Process raw drone imagery
- Create GIS ready products
- Share and analyze in ArcGIS
ArcGIS Maps for Power BI

Provide better maps to BI users

Answer located-based questions

Add content with Esri demographics and ArcGIS layers
Navigator for ArcGIS

- Turn by turn directions
- Includes network data, use with your own maps
- Works offline

Download on the App Store
Android App on Google Play
Explorer for ArcGIS

Your maps anywhere

Access information while disconnected

Sketch, annotate, and communicate
3. Apps for the Community

- Communicate your stories and work
- Share your geospatial assets
- Support citizen science, crowdsourcing, and citizen engagements
Story Map Apps

Tell a narrative with text, maps, and media

8 different templates

“My Stories” app console
ArcGIS Hub

Organize and engage communities around initiatives

Provide a two-way engagement platform

Improve outcomes through collaboration
Crowdsourced Apps

- Used for large data feedback projects
- 3 different apps: Reporter, Polling, and Manager
- Web and mobile app deployments
4. App Builders
Create web apps and native apps

- Quickly and easily create and deploy your own apps
- For the web and for devices
- No programming required, but the apps are extensible for developers
Configurable Application Templates

Easiest way to deploy a web app

Designed to support specific workflows

Over 25+ options
WebAppbuilder for ArcGIS

Create and deploy web apps

Large user community

Extensible
AppStudio for ArcGIS

Build cross-platform native apps

Publish to App Stores or Enterprise

Use templates or develop from scratch
Which Apps can Support your Business Workflows?
Focused, powerful, ready to use

**Office**
- ArcGIS Earth
- Esri CityEngine
- Maps for Office
- Maps for SharePoint
- Insights for ArcGIS
- Esri Business Analyst
- GeoPlanner for ArcGIS
- ArcGIS Maps for Adobe Creative Cloud
- Operations Dashboard for ArcGIS

**Field**
- Workforce for ArcGIS
- Navigator for ArcGIS
- Survey123 for ArcGIS
- Collector for ArcGIS
- Drone2Map for ArcGIS
- ArcGIS Explorer
Which Apps can Support your Business Workflows?
Focused, powerful, ready to use

Community
- Esri Story Maps
- ArcGIS Hub
- Crowdsource Apps

Builders
- Configurable App Templates
- Web AppBuilder for ArcGIS
- AppStudio for ArcGIS
Summary

• Overview and main themes
• Apps for the Office
• Apps for the Field
• Apps for the Community
• AppBuilders
• Questions?
Please Take Our Survey on the App

Download the Esri Events app and find your event

Select the session you attended

Select the Feedback tab

Complete answers and select “Submit”