Thank You to Our Sponsors
Desktop

Professional GIS

Providing Mapping, Visualization, Editing, and Analysis

Continued Support . . .

. . . with Dramatic Improvement

New and Improved

- Smart Mapping
- Editing
- KML/WFS
- Map Series
- Charting

What’s Coming

- Parcels & Utilities
- Grids & Graticules
- Big Data Integration
- Point Clouds
ArcGIS for Desktop Roadmap

Incremental Software Release

10.4 Pro 1.2
2016

10.4.1 Pro 1.3
10.5 Pro 1.4
10.5.1 Pro 2.0.1
10.6 Pro 2.1
2017
2018

Continuous Online Improvements

... Focused on Quality, User Needs and Innovation

Big Data
GeoAnalytics
Massive Point Clouds
Utility Networks
Spatiotemporal
Spatial Statistics

Real-Time

Volumetric Data
3D Cities
Distributed GIS
Web Raster Analysis
Augmented Reality
Imagery

Scientific Modeling
Ortho Mapping
Raster Analytics
Who is ArcGIS Pro for?
What you get with ArcGIS Desktop = Basic + Standard + Advanced

ArcGIS for Desktop
ArcMap & ArcGIS Pro

*Desktop Users now have ALL the Online Apps
ArcGIS for Desktop includes new apps

**Field**
- Navigator
- Workforce
- Collector
- Survey123
- Mobile (Connected & Disconnected)

**Office**
- Dashboard
- Maps for Office
- Explorer
- ArcGIS Earth

**Public**
- Story Maps
- Open Data
- Photo Survey
- Crowdsourcing

**Apps**

Configurable Solutions That Work Together

*Easy, Focused, and Ready-to-Use*
ArcGIS Pro

- 64 Bit, multi-threaded
- Simplified user interface
- Integrated with ArcGIS Enterprise/ ArcGIS Online
- Combined 2D/3D experience
- Simple search and query
- Enhanced map layout capability

Part of ArcGIS for Desktop
Application Fusion

ArcMap / ArcCatalog

ArcGlobe / ArcScene

CityEngine

Single, always responsive application
Is ArcGIS Pro a replacement for ArcMap?

- ArcMap remains available and issues are still being addressed
- They run side by side
- Pro is our focus for Desktop Development
Setup

- Installing and Provisioning ArcGIS Pro

1. Download and Install
2. Sign-in and Authorize
3. Get Updates
4. Customize User Interface
5. Set Display Language
Important Licensing e-mail

When Managing ArcGIS Pro Licenses with ArcGIS Online

- Sent to Primary Maintenance Contact
- Needed to Activate your ArcGIS Online Subscription
- ArcGIS Pro Licenses can then be added to Online Organization and assigned

Hello:

Here is the information for activating your ArcGIS Online subscription.

To activate your subscription, click the following link or copy it into your browser:

https://www.arcgis.com/home/signin.html?activationcode=co0bb2e823d82a96728d

Review the terms of use.

Your Subscription Information
Keep the following subscription ID for your records and reference it if you need to contact us.

Subscription ID: 9354027602
Customer number: 6601
Customer Name: Esri Redlands CA Headquarters

Self-Help Resources
ArcGIS Online help
ArcGIS Online forum
ArcGIS Online videos
ArcGIS Online blog

Need Help or Have Questions?
If you are in the United States and have difficulty activating your subscription, e-mail us at service@esri.com or call 1-888-377-4575 (option 5).

If you are outside the United States, contact your local Esri office.

Thanks,

The ArcGIS Online Team
ArcGIS Pro Licensing

- **Named User**
- **Single Use**
- **Concurrent Use**

Access Pro the best way for your organization
Licensing

Managing ArcGIS Pro Licenses with ArcGIS Online or Enterprise Portal

• Access is controlled by
  - “Named User” entitlement of ArcGIS Pro
  - Online Organization or Enterprise Portal

• Organization Admin can:
  - Grant access of Pro by Named-User
  - Control product level and extension
  - Re-assign access as needed

• Pro User can:
  - Download and install ArcGIS Pro
  - Sign-in at startup
  - Go offline if needed
Add More Capabilities to ArcGIS Pro

Extensions

- Spatial Analyst
- 3D Analyst
- Network Analyst
- Geostatistical Analyst
- Data Reviewer
- Workflow Manager
- Data Interoperability
<table>
<thead>
<tr>
<th>ArcGIS Pro</th>
<th>Description or usage</th>
<th>Similar concept in other ArcGIS for Desktop applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project</td>
<td>A collection of related geographic datasets, maps, layouts, tools, settings, and resources, saved in an .aprx file.</td>
<td></td>
</tr>
<tr>
<td>Map</td>
<td>The project item used to display and work with geographic data in two dimensions. A map opens in a map view.</td>
<td>ArcMap document (.mxd)</td>
</tr>
</tbody>
</table>
| Scene      | The project item used to display and work with geographic data in three dimensions. A scene can open as either a global or local perspective. A scene can be converted to a map, and vice versa. | Global scene: ArcGlobe document (.3dd)  
Local scene: ArcScene document (.sxd) |
| Active view | The view that currently has keyboard focus. The active view controls the contents of the ribbon—for example, if a map is the active view, you see commands for working with maps. There is only one active view within the application at any given time. | Active data frame |
| View       | The window representing the primary work area of the application. You can have multiple views open at the same time and display them side by side. | Similar to a map view or layout view, but there can be other types in ArcGIS Pro. |
| Ribbon     | The rectangular area across the top of the application composed of tabs that contain software functionality. | User interface menus and toolbars |
| Contextual tab | A context-sensitive tab that appears and disappears on the ribbon under certain circumstances. |  |
| Pane       | A dockable window that contains a related set of commands. | Dockable window |

Project

- Organizes your work in ArcGIS Pro

Enterprise Online
Project Management

- Every Project has:
  - Home Folder
  - Default File Geodatabase
  - Default Toolbox

- Can Insert:
  - Folder Connections
  - Database Connections*
  - ArcGIS Server Connections*
  - Locators

* Connection files stored in Project folder
Migrate your work

- Create & Connect
- Add Maps and Content
- Migrate tools, models, and scripts
What can you do with Pro?
Live Demonstration
Live Demonstration
Live Demonstration
Live Demonstration
Live Demonstration
Live Demonstration
Live Demonstration
Live Demonstration
Live Demonstration
Live Demonstration
Create and manage data

Organize, edit, and manage data in your ArcGIS Pro projects.
Make Maps

Visualize and display your data to create professional cartographic products.
Use geoprocessing tools and models to solve spatial problems.
Share your work

- Layers, Maps, Scenes, and Packages with ArcGIS Online/Portal
Go 3D

Integrated 2D and 3D visualization and analysis
Apps

Mobilize your entire workforce
ArcGIS Pro  ▶  What are we hearing from customers?

Why Pro
- Data \ Map Exploration
- Sharing with Online
- Geoprocessing \ Tasks
- Layouts
- 3D

Why Not
- Functionality
- “Learning Curve”
- Access \ Licensing
- Hardware
Summary

- ArcMap continues
- ArcGIS Pro is part of Desktop
- ArcGIS Pro Can Run Side-by-Side with ArcMap
  - Separate install
  - Imports MXDs, SXDs, and 3DDs
  - Models and Scripts (Python)
- Basic, Standard, and Advanced Levels
- Familiar Extensions to ArcGIS Pro
  - Spatial Analyst
  - 3D Analyst
  - Network Analyst
  - Geostatistical Analyst
  - Data Reviewer
  - Workflow Manager
  - Data Interoperability
Future of Professional Desktop GIS

New Innovation

Supporting the Platform
ArcGIS Pro Roadmap

Near-term
• Utility Network
• Attribute Rules
• Layout Tables
• ModelBuilder If-Then-Else Branching Logic
• Image Analyst Extension
• Stereo Mapping
• Oblique Imagery
• Interactive 3D Analysis
• Real Time Streaming
• Offline Web Maps & Layers
• SAP HANA
• Business Analyst

Mid-term
• Full Motion Video
• Parcel Management
• Dimensions
• Exploratory Spatial Data Analysis
• Spell Check
• Reports
• Metadata Enhancements
• New Extensions

Long-term
• Animated Symbols
• Presentations
• Offset Printing
• ...

September 2017
questions & answers