Getting Started with ArcGIS Pro

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Esri
ArcGIS Desktop

ArcMap
ArcCatalog
ArcScene
ArcGlobe

ArcGIS Pro

Desktop
Web
Device

Portal

Server
Online Content and Services

Apps
Access
Services
ArcGIS Pro

• 64 Bit, multi-threaded
• Simplified user interface
• Integrated with the Platform
• Combined 2D/3D experience
• Multiple maps and layouts
• Simple search and query
The user interface is new

- Contextual
- Intuitive
- Project based
- Map focused
- Integrated
Fusion of applications

ArcMap / ArcCatalog

ArcGlobe / ArcScene

CityEngine

ArcGIS Pro
Import your maps, scenes and globes

- Import .mxd, .sxd, and .3dd files
- What imports?
  - maps, layouts, symbology, styles, scenes, models
- Maps look the same
What if something doesn’t look the same?

- In a few cases things may be slightly different
  - Check the Notifications
  - I.e. OLE Objects are not supported
## Terminology

**ArcGIS Pro Terminology Guide**

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Demonstration
Overview of ArcGIS Pro
Common Questions
Is ArcGIS Pro a replacement for ArcMap?
Yes. ArcGIS Pro will eventually replace ArcMap. We will continue to support and maintain ArcMap. However, our focus is on making ArcGIS Pro the world’s best desktop GIS. There are still some capabilities of ArcMap that are not yet in ArcGIS Pro, so some ArcGIS Desktop users will be using both ArcGIS Pro and ArcMap until ArcGIS Pro has everything you need to fully support your work.
Can I publish to Server from Pro?
• In Pro you share Web Maps and Web Layers
• Web Maps and Layers are made up of Services, but contain additional information that requires an item in a portal
• From Pro you publish to an Enterprise (Server + Portal).
• Services are still get created on your Server, but you get more than that, you get an item in your Web GIS.
How is ArcGIS Pro licensed?
Any way you want

Becky

Named user

Single use

 concurrently

Concurrent use
Licensing options

- **Concurrent Use**
  - Requires a 10.4 or later license manager
  - Updated license file
- **Single Use**
  - Locked to a machine
Working with ArcGIS Pro
Familiar but new and improved

Ribbon contextual user interface and multiple views
Working with ArcGIS Pro
Familiar but new and improved

“What do you mean, I don’t have to start editing?”
Working with ArcGIS Pro
Familiar but new and improved

Analysis is where you’ll find geoprocessing
Working with Projects

- Multiple Maps and Layouts
- Database, Folder, Server connections
- Tools and Toolboxes
- Default Geodatabase

All can be easily packaged and shared

How should I organize my work moving forward?
Project Templates

In Pro there is no normal.mxt

- You can have many templates
  - Editing, mapping, viewing
- Customize and share
  - User interface
  - Project styles
  - Layouts
  - Connections
  - Toolboxes

Your templates show up in the start experience
Where are my styles?

- New style format (.stylx)
- Not all styles are installed with ArcGIS Pro
- Referenced styles are imported with maps
- Styles from ArcMap and Custom styles can be imported
- Add styles to your project

- Styles can be shared via ArcGIS Online or your portal
Analyze Tools for Pro

Will my tool “just work?”

• Analyze models
• Toolboxes
• Python scripts
• Script tools

Returns anything not supported with helpful hints as to why
Demonstration
Editing and Analysis
Working with ArcGIS Pro
Familiar but new and improved
Share and really use the full power of the platform
Demonstration
Leveraging the Platform
Can ArcGIS Pro be virtualized?
On-premise Virtualization

Virtualization Platform

• VMWare
  - ESXi
  - Horizon View

• Citrix
  - XenServer
  - XenDesktop
Cloud-based Virtualization

Microsoft Azure
- NV-Series VM
  - Nvidia GPU
  - 56 Gb Memory
  - 380 Gb storage
  - Demo’d at Microsoft Ignite

AWS
- GPU Workspace
  - Nvidia GPU
  - 8 vCPUs
  - 15 Gb Memory
  - 200 Gb storage

- Available Now
- Tested by Esri Performance Engineering – Great UX

The demo really demonstrated the “Workstation in the Cloud” scenario that is now really possible with Azure NV based Virtual Machines at Ignite! - Karan Batta, Microsoft Azure
Can I customize ArcGIS Pro?
- Use
- Configure
- Automate
- Extend

Configure

Customize the Ribbon

Tasks

Use Python

.NET API

Extend

Automate

Python

.NET API
Many resources to help you

- **Education \ Training**
  - Instructor Led Training
  - College Courses
  - Online
  - Lynda.com

- **Books**
  - Learning ArcGIS Pro

- **Online Resources**
  - Pro site: Help, Tutorials, Videos
  - Blogs
  - Learn ArcGIS Exercises

- **Technical Support**
  - Not just for bugs
Questions?

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