ArcGIS Pro: An Introduction

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ArcGIS Pro

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

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

ArcMap / ArcCatalog
ArcGlobe / ArcScene
CityEngine
Demonstration
Overview of ArcGIS Pro
What can I do with ArcGIS Pro?
Analysis ribbon
Majority of tools from ArcMap
Geoprocessing pane
Modelbuilder
Python window
Network Analysis
Geostatistical Wizard
Image and Raster Analysis
Demonstration
Analysis in ArcGIS Pro
Editing

- 2D and 3D editing
- Simplified edit sessions
- Edit enterprise GDBs
- Group templates
- GDB & Map Topology
- CAD like editing experience
Demonstration
Editing in ArcGIS Pro
Mapping & Visualization

- Improved drawing performance and quality
- Multiple layouts
- Unified symbol model
- Transparency
- 3D Cartography
- Map Series
- Animation
Demonstration
Mapping in ArcGIS Pro
Sharing

- Web maps and 3D web scenes
- Map and layer packages
- Project packages
- Map & Layout files
- Task files
- Symbology (stylx)
Common Questions
Is ArcGIS Pro a replacement for ArcMap?
How is ArcGIS Pro licensed?
Any way you want

Named user

Becky

Single use

Concurrent use
Licensing options

• Concurrent Use
  - Requires a 10.4 or later license manager
  - Updated license file

• Single Use
  - Locked to a machine
Can I publish to Server from Pro?
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

Tasks

Python
.NET API

Customize the Ribbon

Use
Tasks

ArcGIS
ArcGIS.Core
ArcGIS.Desktop.Catalog
ArcGIS.Desktop.Core
ArcGIS.Desktop.Editing
ArcGIS.Desktop.Extensions
ArcGIS.Desktop.Framework
ArcGIS.Desktop.Mapping
ArcGIS.Desktop.Shared.Wpf
Microsoft.CSharp
PresentationCore
What’s new at 2.0?
ArcGIS Pro 2.0 Highlights

Create and Edit Annotation

Measured Grids in Layout

Dynamic Charts in Layout

Favorites

WFS Standard Support
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Questions?