ArcGIS for 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 ArcGIS platform
- Combined 2D/3D experience
- Multiple maps and layouts
- Simple search and query
Fusion of Applications

ArcMap / ArcCatalog

ArcGlobe / ArcScene

CityEngine
Demo
Mark Smithgall
How do you prioritize?

ArcMap Equivalence

New Innovation

Supporting the Platform
ArcMap equivalency
Reducing feature function gaps

- Graticules
- Georeferencing
- Sharing Analysis
- Sharing Locators
- Dynamic Legends
Innovation
Exciting new functionality

• Ortho Mapping
• Dynamic Aggregation
• Multi-Patch Editor
• SDK Configuration
Supporting the Platform
Building a stronger Web GIS

- Geoanalytics and Raster Analytics
  - Processing across a cluster of servers
- Create, share and consume
  - Point Cloud Scene Layers
  - Range Aware Maps and Scenes
  - Vector Tiles in any projection
- Arcade expressions
Much, much more …
Many more important improvements and additions

- Imagery Tab
- Generalization Improvements
- Profile Graphs
- Visual Variables
- 3D Symbol Effects
- Display Filters
- Dark Theme / High Contrast
Common Questions
How is ArcGIS Pro licensed?
ArcGIS Pro is licensed any way you want

- Single Use
- Concurrent Use

- Named User
- Becky
Licensing options

- **Concurrent Use**
  - Requires a 10.4 or later license manager
  - Updated license file from MyEsri

- **Single Use**
  - Locked to a machine
What’s on the Pro Roadmap?
## ArcGIS Pro Roadmap

### Near-term
- Multiple instance of Pro
- Annotation editing
- Read WFS
- Layout grids
- Charts in layouts
- Interactive input for analysis
- SDK Improvements

### Mid-term
- Utility Network
- Attribute rules
- Reports
- Offline Web maps & layers
- Stereo & Oblique
- Full motion video
- Exploratory Spatial Data Analysis
- Real time streaming
- SAP HANA

### Long-term
- Parcel Fabric
- Animated symbols
- Offset printing
- Presentations
- Dimensions
What resources are available to help me migrate to Pro?
ArcGIS Pro  ▶  Resources

- Education \ Training
  - Instructor Led Training
  - Online Courses
  - Lynda.com
  - Migration course (coming soon)

- Books
  - Learning ArcGIS Pro

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

- Technical Support
  - Not just for bugs
What extensions are available for Pro?
Current ArcGIS Pro Extensions

Available Extensions

• 3D Analyst
• Geostatistical Analyst
• Network Analyst
• Spatial Analyst
• Data Interoperability
• Data Reviewer
• Workflow Manager
• Pipeline Referencing
Can Pro run in a Virtual Environment?
On-premise Virtualization

Virtualization Platform
- VMWare
  - ESXi
  - Horizon View
- Citrix
  - XenServer
  - XenDesktop
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 Pro?
Multiple ways to customize ArcGIS Pro

- Use
- Configure
- Automate
- Extend
Many Pro SDK Resources

- **Esri Training** – Instructor-led Esri training course
- **SDK landing page** – main resource page
- **SDK Wiki on GitHub** – primary documentation site with concept and guide docs, and much more
- **Community Samples** – ready to use code solutions categorized by functional area
- **SDK Snippets** – code snippets by functional area
- **GeoNet Pro SDK Group** – developer community
- **API Reference** – full API reference
- **FAQ** – answers to common questions
- **SDK Blog posts** – focused on the Pro SDK
How long will ArcMap be supported?
# Online Support Summary

<table>
<thead>
<tr>
<th>Version</th>
<th>Release Date</th>
<th>General Availability</th>
<th>Extended Support</th>
<th>Mature Support</th>
<th>Retired</th>
</tr>
</thead>
</table>
Your Questions?