ArcGIS Desktop

- ArcMap
- ArcCatalog
- ArcScene
- ArcGlobe
- ArcGIS Pro

Portal

Desktop

Web

Device

Server

Online Content and Services

Apps

Access

Services
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

ArcGIS Pro
What can I do with ArcGIS Pro?
Analysis

- Analysis ribbon
- Majority of tools from ArcMap
- Geoprocessing pane
- Modelbuilder
- Python window
- Network Analysis
- Geostatistical Wizard
- Image and Raster Analysis
Editing

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

- Improved drawing performance and quality
- Multiple layouts
- Unified symbol model
- Transparency
- 3D Cartography
- Map Series
- Animation
Sharing

- Web maps and 3D web scenes
- Map and layer packages
- Project packages
- Map & Layout files
- Task files
- Symbology (styIx)
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

Concurrent use
Licensing options

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

- **Single Use**
  - Locked to a machine
Can ArcGIS Pro be virtualized?
On-premise Virtualization

Virtualization Platform
- VMWare
  - ESXi
  - Horizon View
- Citrix
  - XenServer
  - XenDesktop
## Cloud-based Virtualization

<table>
<thead>
<tr>
<th>Microsoft Azure</th>
<th>AWS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>• NV-Series VM</strong></td>
<td><strong>• GPU Workspace</strong></td>
</tr>
<tr>
<td>- Nvidia GPU</td>
<td>- Nvidia GPU</td>
</tr>
<tr>
<td>- 56 Gb Memory</td>
<td>- 8 vCPUs</td>
</tr>
<tr>
<td>- 380 Gb storage</td>
<td>- 15 Gb Memory</td>
</tr>
<tr>
<td>- Demo’d at Microsoft Ignite</td>
<td>- 200 Gb storage</td>
</tr>
</tbody>
</table>

- 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

Customize the Ribbon

Use Python

 tasks

Extend .NET API
What’s new at 2.0?
ArcGIS Pro 2.0 Highlights

Create and Edit Annotation

Measured Grids in Layout

Favorites

Dynamic Charts in Layout

WFS Standard Support
Demonstration
ArcGIS Pro in Action
Questions?
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