ArcGIS Pro Panel

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Welcome
Panel Discussion

Not Technical Workshop
Potential Agenda

- Getting Started
- Road Map
- Mapping 2D and 3D
- Geoprocessing Analysis
- Editing
- Extensions

...
ArcGIS Desktop
The product
ArcGIS Desktop
The applications

ArcGIS Pro

ArcMap

ArcCatalog
ArcScene
ArcGlobe
ArcGIS Pro 2.0

**Improvements**
- Annotation Editing
- Measured Grids
- Charts and Graphs
- WFS
- 3D Editing
- Customization

**New**
- Orthomapping
- Massive Point Clouds
- Vector Tiles
- Dynamic Aggregation
- Arcade Expressions
- Data Exploration
- GeoAnalytics Integration

**Coming**
- Utility Network
- Metadata
- Parcels

**Our Focus**

- ArcMap
- ArcGIS Pro
- Apps
- Online Capabilities

**New Innovations**

- Advanced Mapping, Visualization, Editing, and Analysis

*Pro Is the New Standard...*
Is ArcGIS Pro a Replacement for ArcMap?
Is ArcGIS Pro a Replacement for ArcMap?

- Yes
- ArcMap still supported
  - But not supported forever
- Eventually ArcGIS Pro will replace ArcMap

ArcGIS Pro is the future for desktop GIS
What is the plan for ArcMap?

- ArcMap continues
  - Minor updates \ bug fixes

ArcMap 10.5.1
ArcMap 10.6
Getting Started With ArcGIS Pro

Setup
• Download and Install
• Sign-in and Authorize
• Get Updates
• Set Display Language

Migration
• Take inventory
• Create, connect, import
• Analyze results
• Consult resources

Resources
• Tutorials
• Terminology Guide
• Supported data types and items
• Virtual Campus
Responding to your education and training requests

Learning Resources – Overcoming the learning curve

- 76 ArcGIS Pro tutorials, web courses, videos and seminars on esri.com/training
- 15 Quick-start tutorials in Get started with ArcGIS Pro
- 11 ArcGIS Pro lessons on learn.arcgis.com
- 3 books plus a 4th on the way
The Foundation for Your GIS

Build projects from your maps, data, analytical models, and more with ArcGIS Pro. Collaborate with others in your organization and share your work with everyone on the web.
ArcGIS Pro Virtualization

ArcGIS Pro as a hosted application running on the following virtualized environments:

Virtual Desktop Infrastructure (VDI)**
- Citrix XenDesktop 7.5
- Citrix XenDesktop 7.6
- Windows Server 2012 R2 Hyper-V
- VMware vSphere 6.0 Horizon View

**Citrix VDI certified with NVIDIA GRID driver 346.68/348.27
**Microsoft VDI certified with NVIDIA GRID driver 346.68/348.27
**VMWare VDI certified with NVIDIA GRID driver 346.68/348.27

Citrix XenApp*

<table>
<thead>
<tr>
<th>Version</th>
<th>Hosted OS</th>
<th>Minimum OS version</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citrix XenApp 6.5</td>
<td>Windows Server 2008 R2</td>
<td>SP1</td>
</tr>
<tr>
<td>Citrix XenApp 7.6</td>
<td>Windows Server 2008 R2</td>
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<tr>
<td></td>
<td>Windows Server 2012 R2</td>
<td>Update: April 2014</td>
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</tbody>
</table>

* A GPU compatible with your virtualization platform is recommended.

Community

ArcGIS Desktop Virtual Appliance ADVA

Pro virtualizes for any organization
ArcGIS Ideas

• Visit ideas.arcgis.com to:
  - Vote
  - Comment
  - Submit new ideas

• ArcGIS Pro team wants your feedback!
  - Regular review
  - Your use case matters
  - Your ideas can result in new features for everyone

Put your Ideas in Motion

Visit the ArcGIS Ideas space on GeoNet
Responding to your requests and feedback

ArcGIS Desktop Ideas On the Move: June 2017

Blog Post created by Kory Kramer on Jun 27, 2017

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With today’s release of ArcGIS Pro 2.0, it’s time for another summary of what’s happening with ideas.

11 Desktop ideas have been moved to **Implemented**:
- Run more than one instance of ArcGIS Pro
- Saving Service and SDE Connection in ArcGIS Pro
- Grid and Graticules
- Rename Shapellies (better data management) in ArcGIS Pro (1.4)
- Make Enterprise GDB Connections User-Wide for ArcGIS Pro
- Using a Web Feature Service (WFS) without converting it to a feature layer (ArcGIS Pro)
- ArcGIS Pro: Rearrange Fields in Field View
- Exporting Data from Project View in ArcGIS Pro
- Native/Direct WFS Support in ArcGIS Pro
- ArcGIS Pro - Extract Data tool - polygon input as in ArcMap
- ArcGIS Pro: Allow connection to .sde files in folders

2 Desktop ideas have been moved to **In Product Plan**:
- Drag & Drop Data into ArcGIS Pro
- Add full OGC WFS support in next version of ArcGIS Desktop (no extension use)

2 Desktop ideas have been moved to **Under Consideration**:
- Add an autosave feature for ArcGIS Desktop
- Add Direction to the Measure Tool

Ideas.ArcGIS.com
ArcGIS Pro Licensing

Named User

Single Use

Concurrent Use
ArcGIS Pro Roadmap

**Near-term**
- Utility Network
- Attribute Rules
- Reports
- Layout Tables
- Full Motion Video
- Stereo Mapping
- Oblique Imagery
- Interactive 3D Analysis
- Real Time Streaming
- Offline Web Maps & Layers
- SAP HANA
- New Extensions

**Mid-term**
- Parcel Management
- Dimensions
- Exploratory Spatial Data Analysis
- Spell Check
- ModelBuilder If-Then-Else Branching Logic
- Metadata Enhancements
- New Extensions

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

July 2017
Panel Discussion

Questions and Feedback
Topics
Is it faster?
About 10-20% for many tools. UX is more efficient.

Does it have the same tools?
About 95% of the core ArcMap suite has been ported. Pro also has many new analytic tools that ArcMap does not have.

Can I use ArcGIS Online and Enterprise analysis tools?
Ready-to-Use service tools jump start your analysis and consume credits. Enterprise tools include Standard Feature, GeoAnalytics, and Raster Analysis.

Is interactive input supported? (ArcMap’s Feature Sets)
Interactive input was added to a number of system tools in v2.0. Can also be used by custom tools. Full equivalency in 2.1.

What does multi-threaded processing mean?
You can do other tasks in the app while a tool is running.

Are tools licensed differently? How about analysis extensions?
Same as ArcMap.

Can I process the same data?
Personal GDB (.mdb) not supported, all other local and enterprise formats supported. Pro analysis natively supports layers from your Portal, service URLs, KML layers, and WFS layers.

Can I publish a geoprocessing service?
The Web GIS equivalent is sharing a web tool to your Enterprise. Support in 1.4.

What is the benefit of 64-bit processing?
64-bit is not about performance. It lets you load more data into memory. It is more robust and many processes that used to hang, crash, or run out of memory may complete successfully.

Does it use multiple cores to do parallel processing? How about GPU?
A growing list of tools support the PARALLEL PROCESSING FACTOR and GPU.

Can Pro run my models and scripts?
With very little or no modification. There are established patterns for writing Python that works in py2 and py3.

Any other reason to use Pro?
Charts are integrated in analysis workflow. R-ArcGIS bridge first-class citizen. Conda and Python Package Manager.

esriurl.com/GPproFAQ
What’s new in Pro Editing - 2017

• Multipatch Editor
  - Draw 3D multipatch features and place pre-defined 3D primitive shapes in scenes
  - Split, push and pull faces to create detailed 3D features

• Editing Grid
  - Configure the grid by specifying an origin, rotation, and spacing
  - Snap to and infer from the grid when drawing and modifying features

• Annotation Editing
  - Create horizontal text and edit on-screen
  - Reposition text and modify its baseline
Thanks!
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2. **Select the session you attended**
3. **Scroll down to find the survey**
4. **Complete Answers and Select “Submit”**