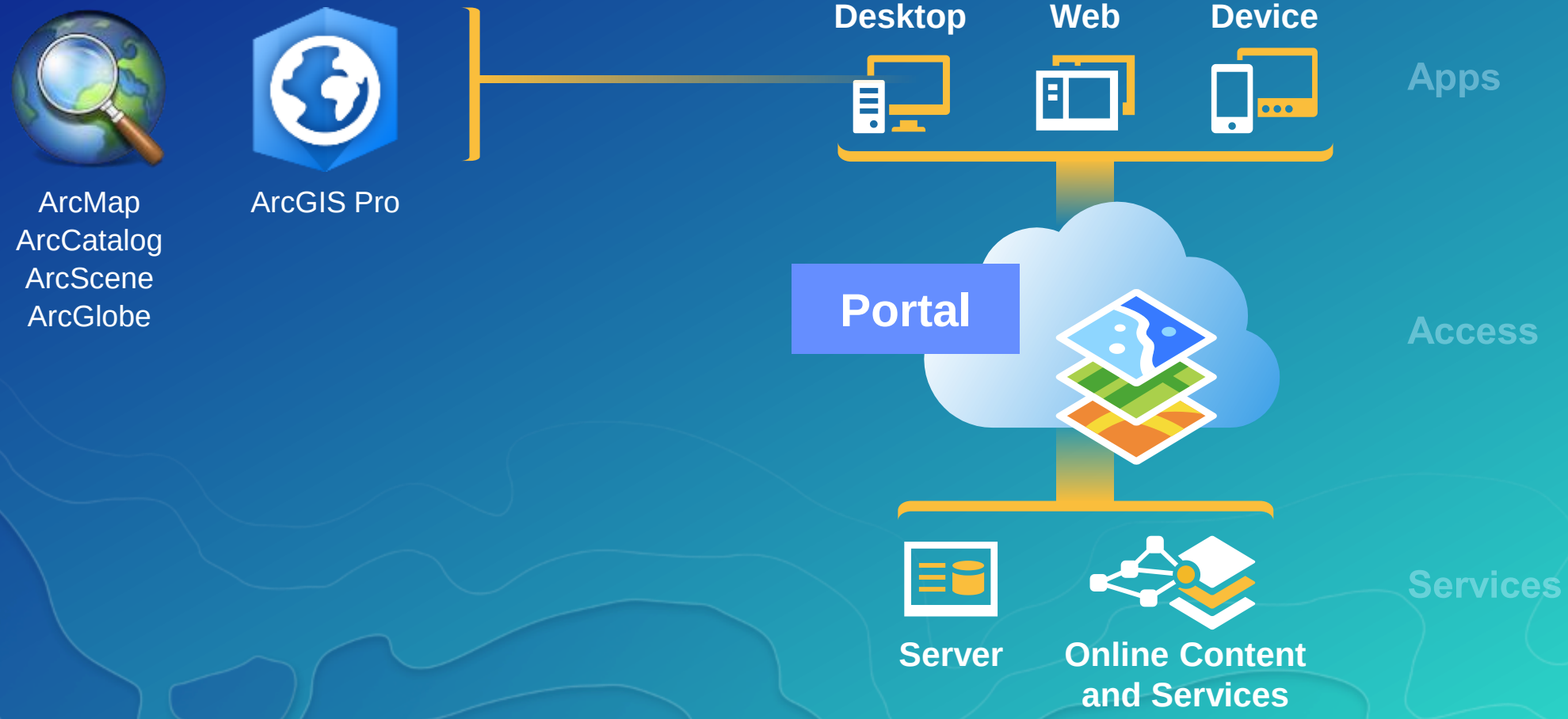
ArcGIS Pro: An Introduction

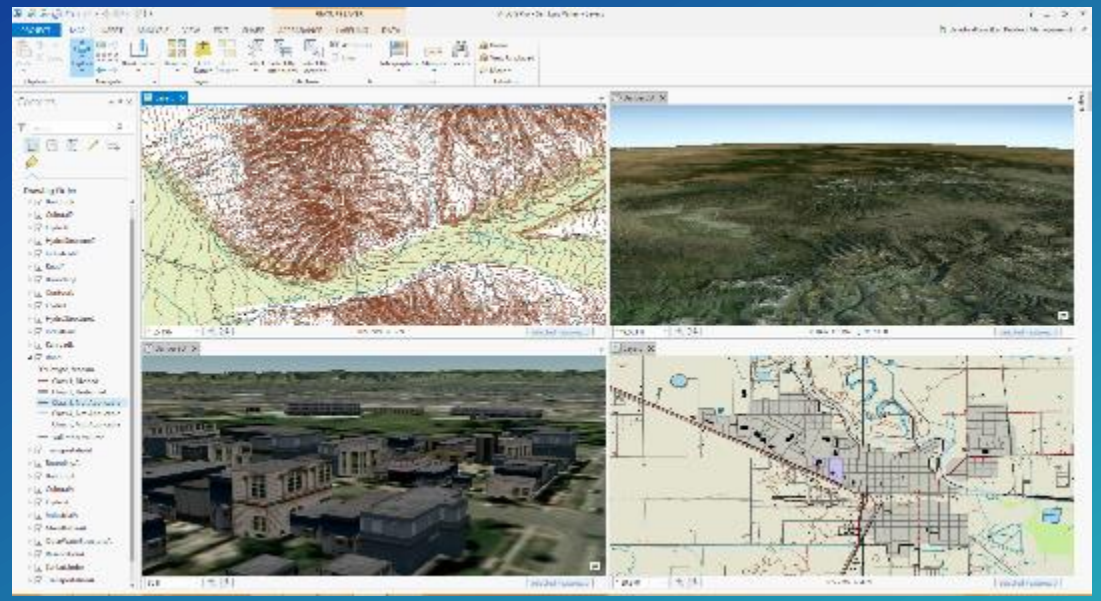
David Watkins and Robert LeClair

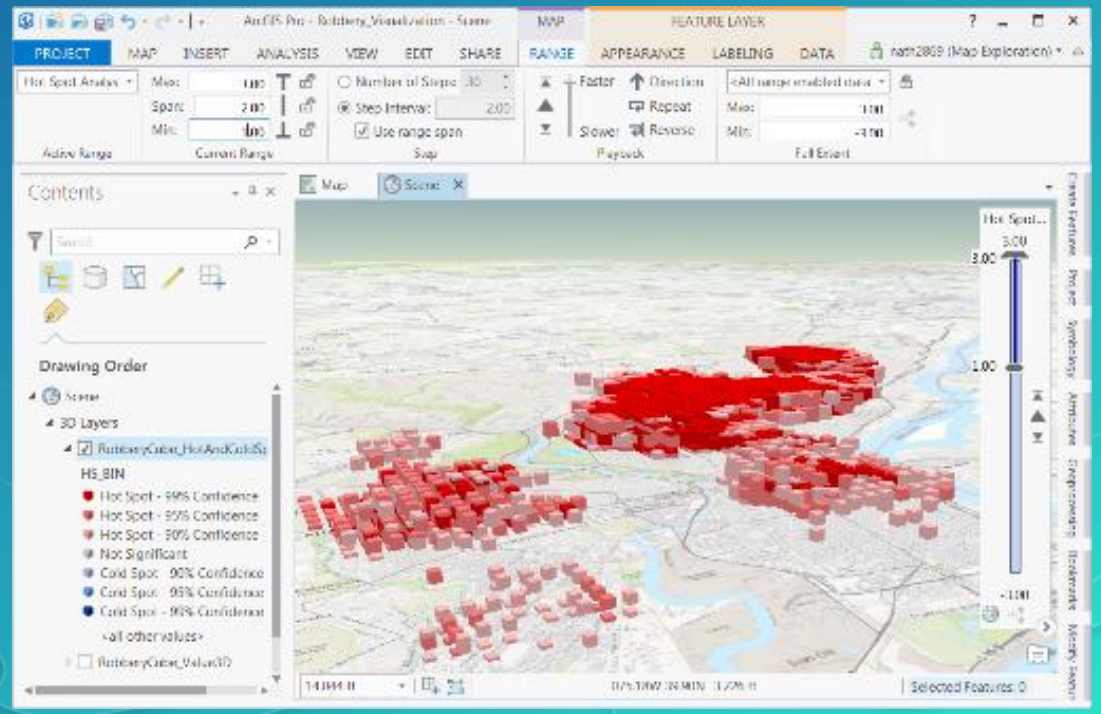
ArcGIS Desktop



ArcGIS Pro

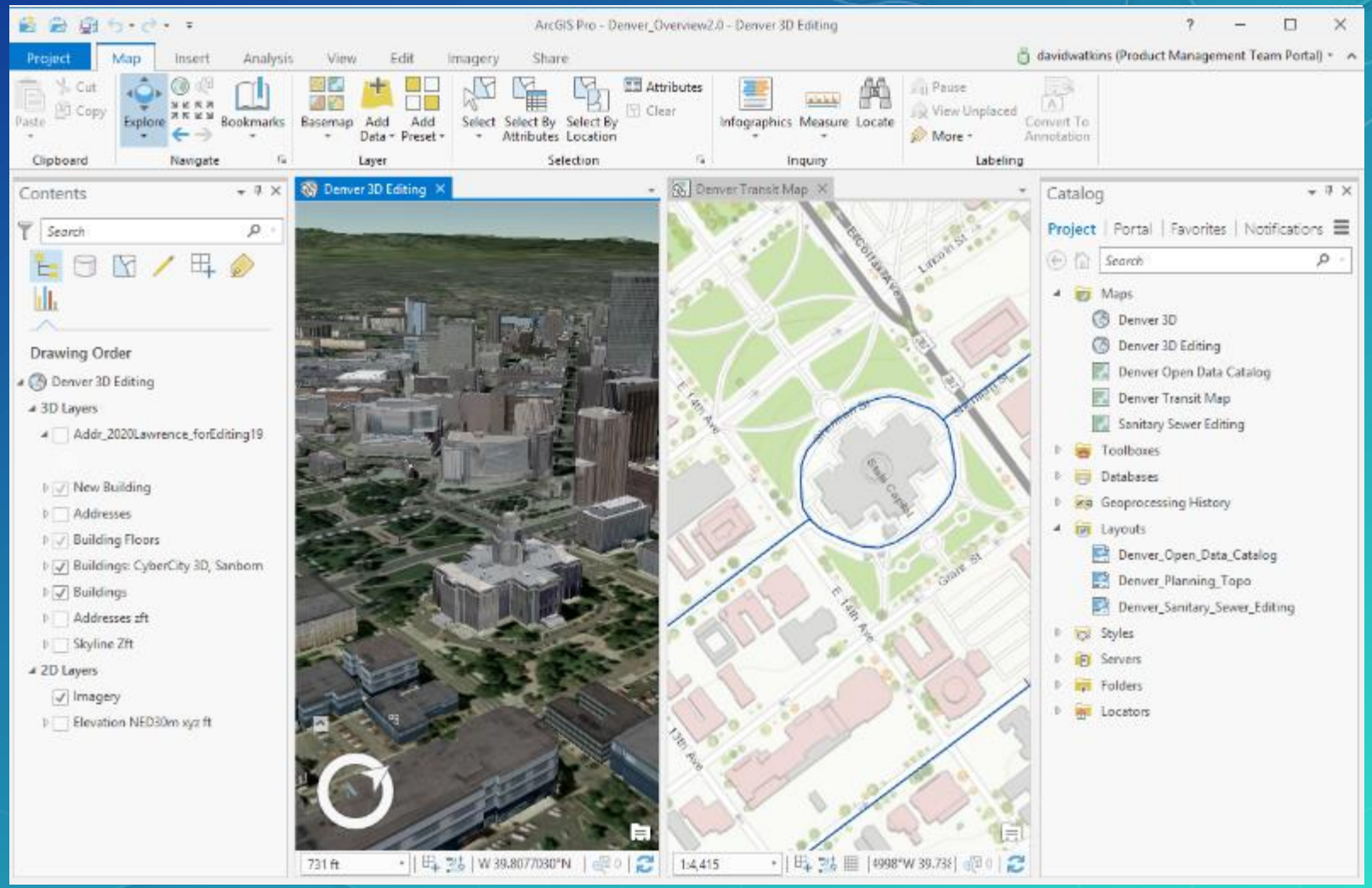
- 64 Bit, multi-threaded
- Simplified user interface
- Integrated with ArcGIS Online
- Combined 2D/3D experience
- Multiple maps and layouts
- All the analysis tools
- Simple search and query





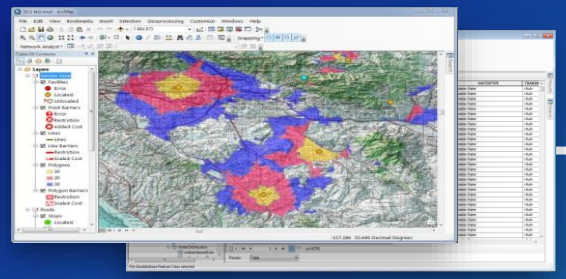
The user interface is new

- Contextual
- Intuitive
- Project based
- Map focused
- Integrated

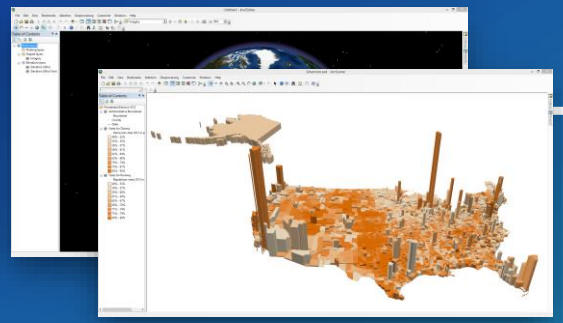


Fusion of applications

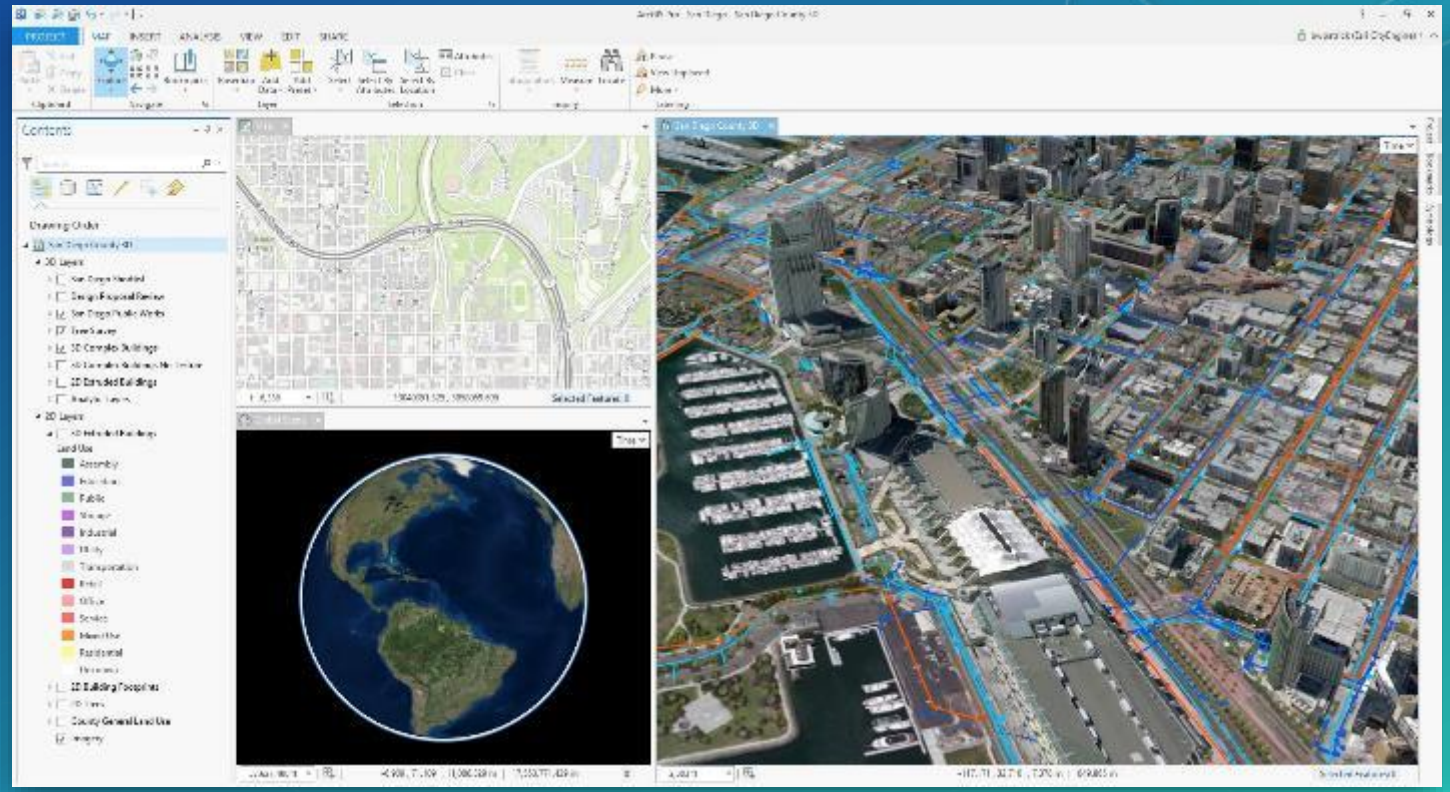
ArcMap / ArcCatalog



ArcGlobe / ArcScene



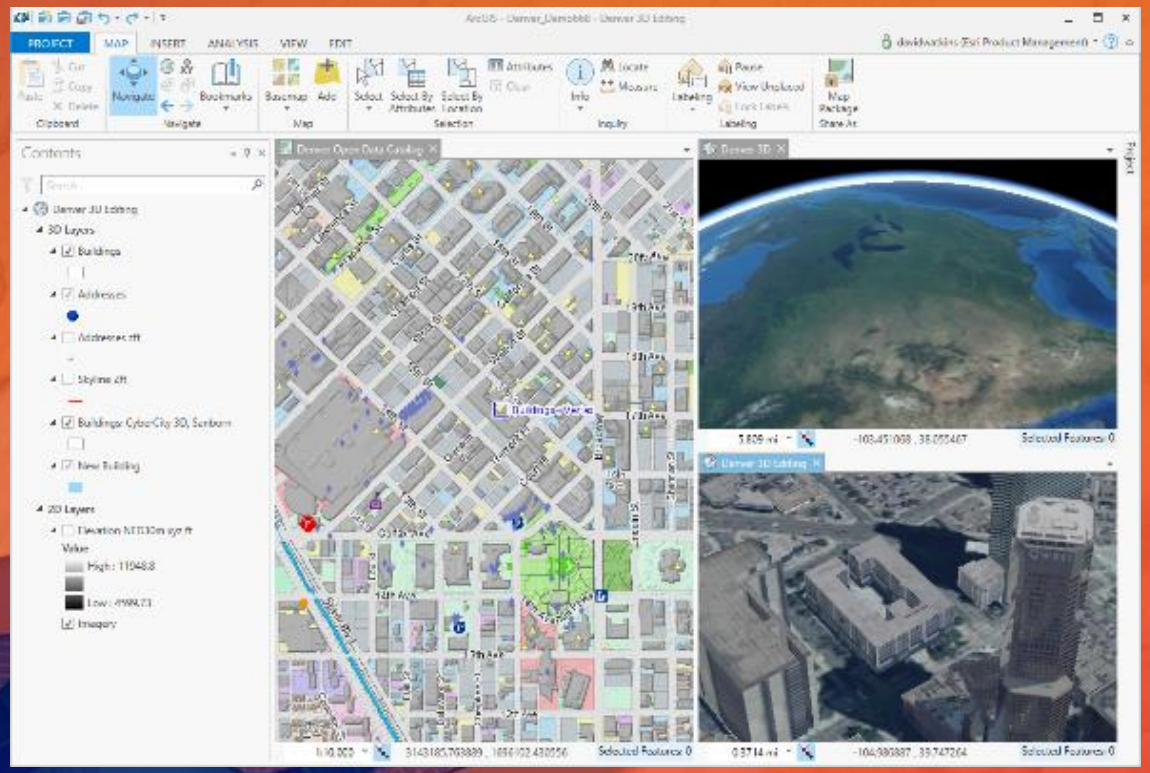
CityEngine



ArcGIS Pro

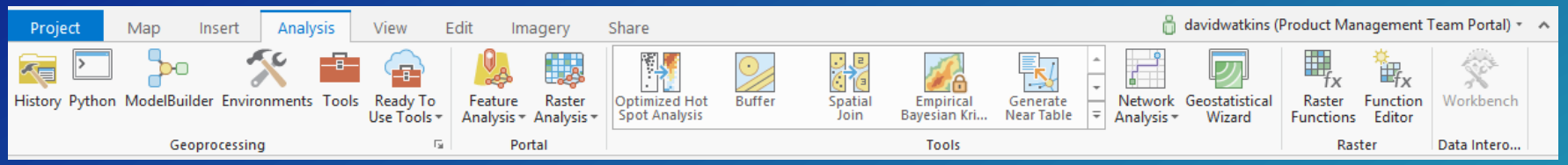
Demonstration

Overview of ArcGIS Pro

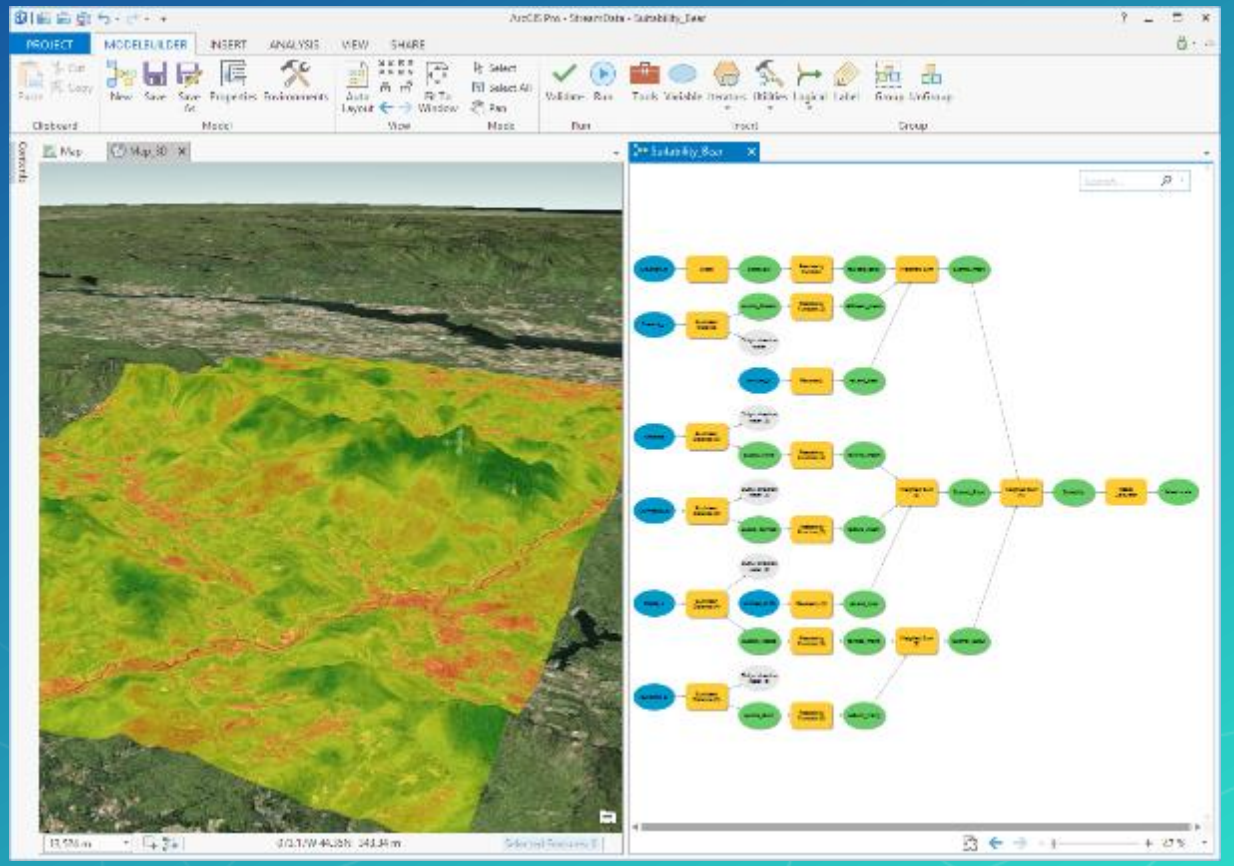


What can I do with ArcGIS Pro?

Analysis

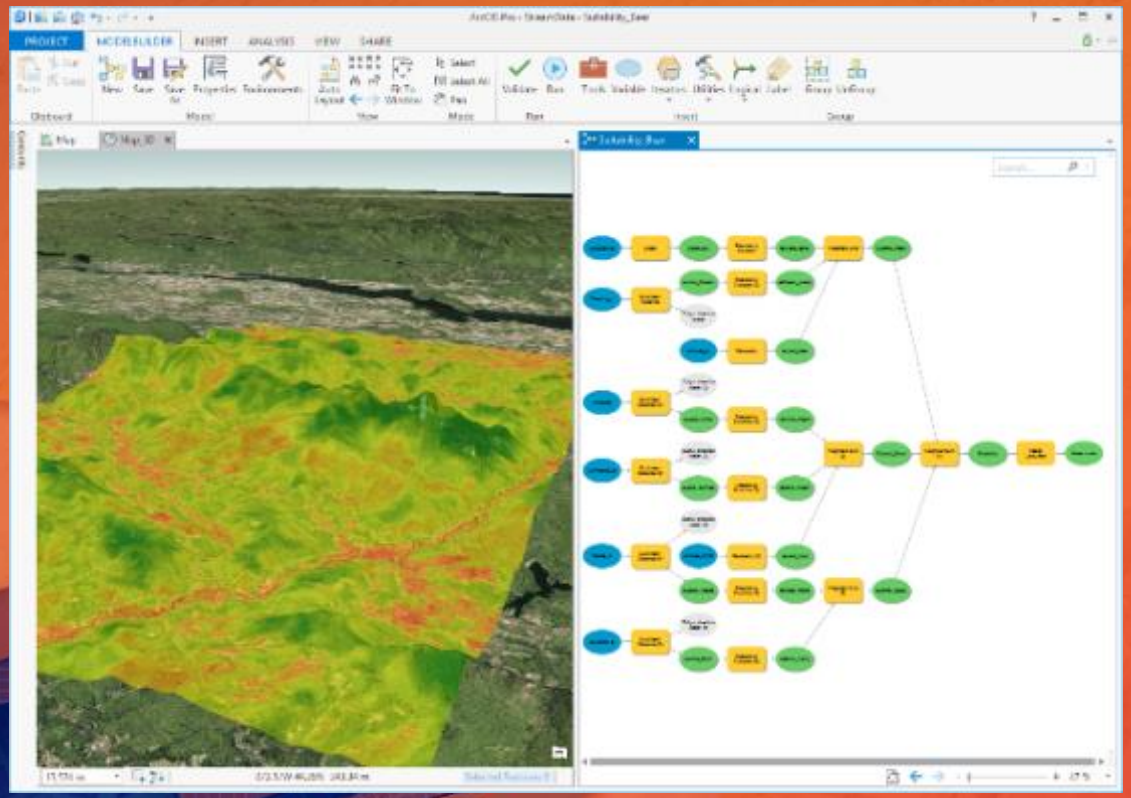


- Analysis ribbon
- Majority of tools from ArcMap
- Geoprocessing pane
- Modelbuilder
- Python window
- Network Analysis
- Geostatistical Wizard
- Image and Raster Analysis



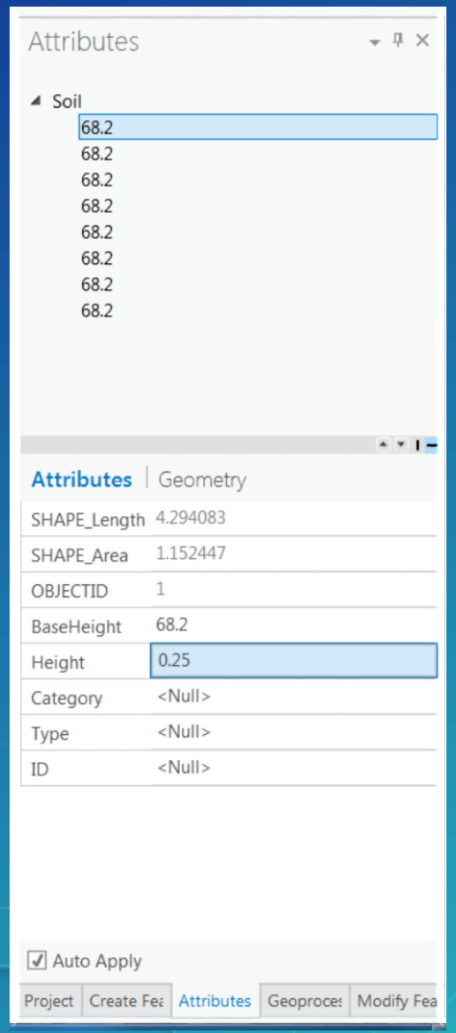
Demonstration

Analysis in ArcGIS Pro

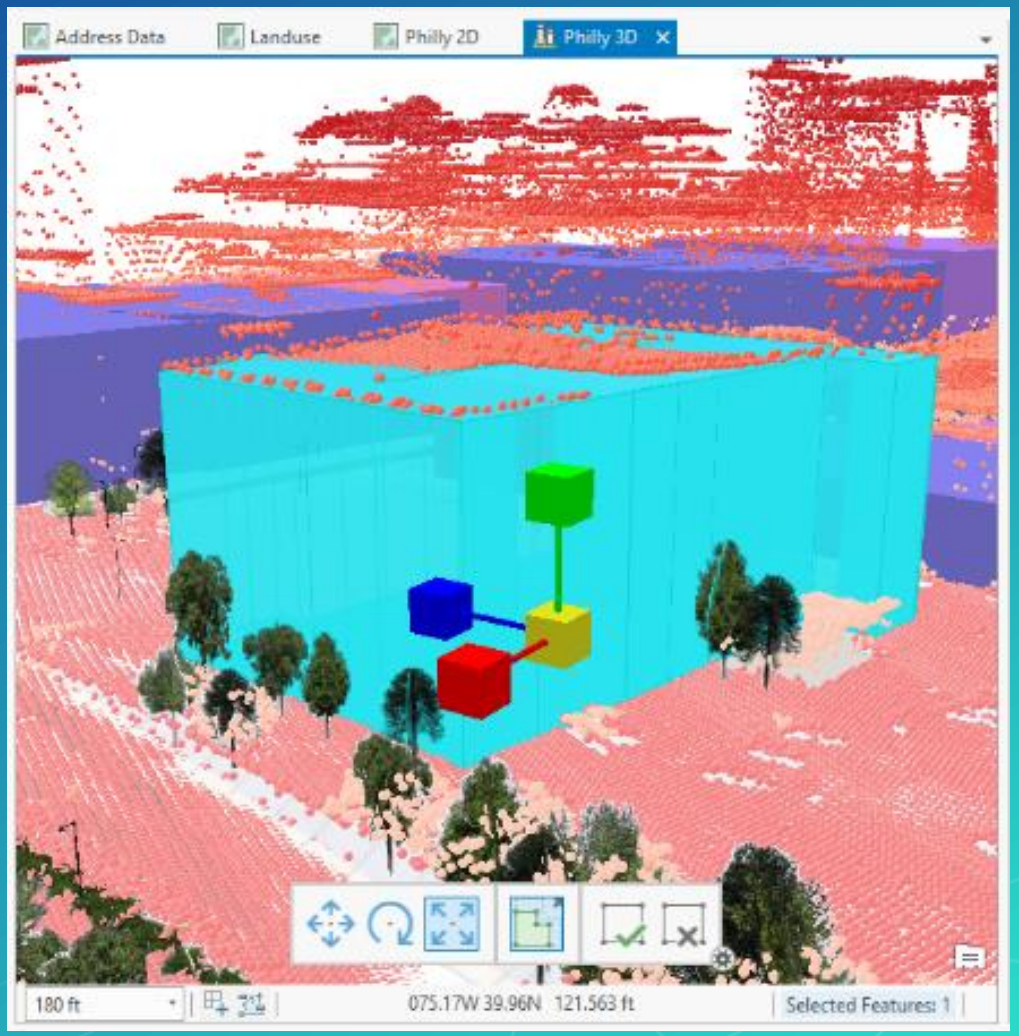


Editing

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



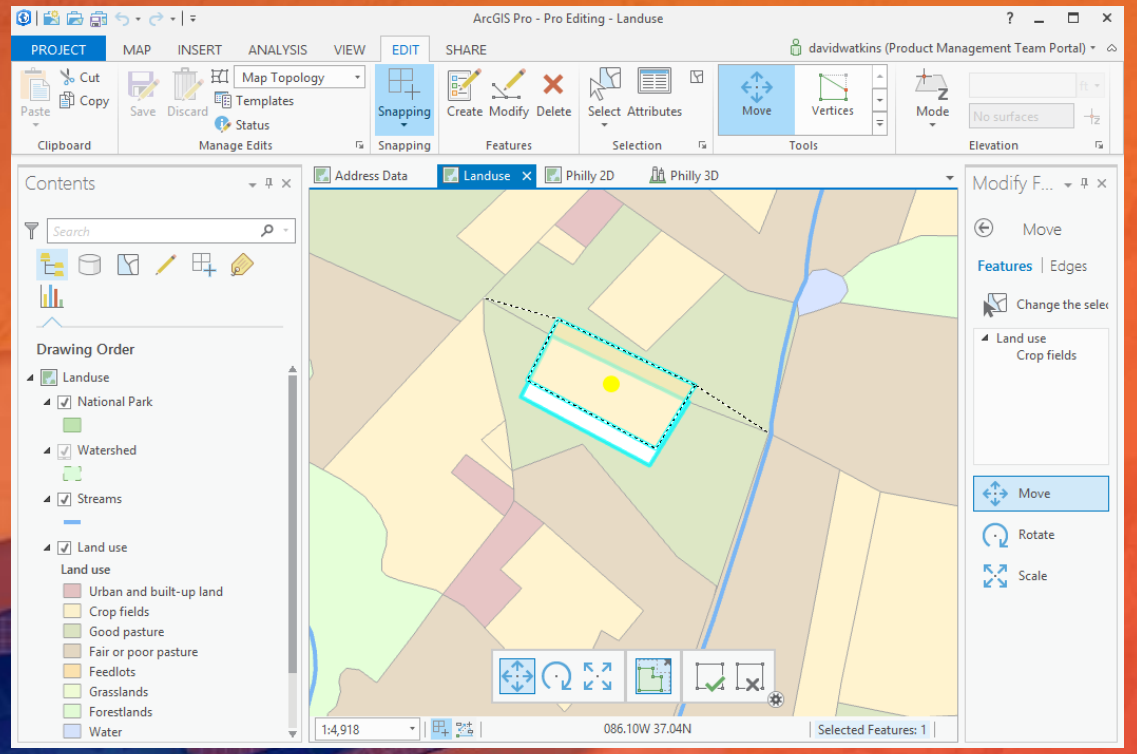
Update Attributes



Create & Maintain

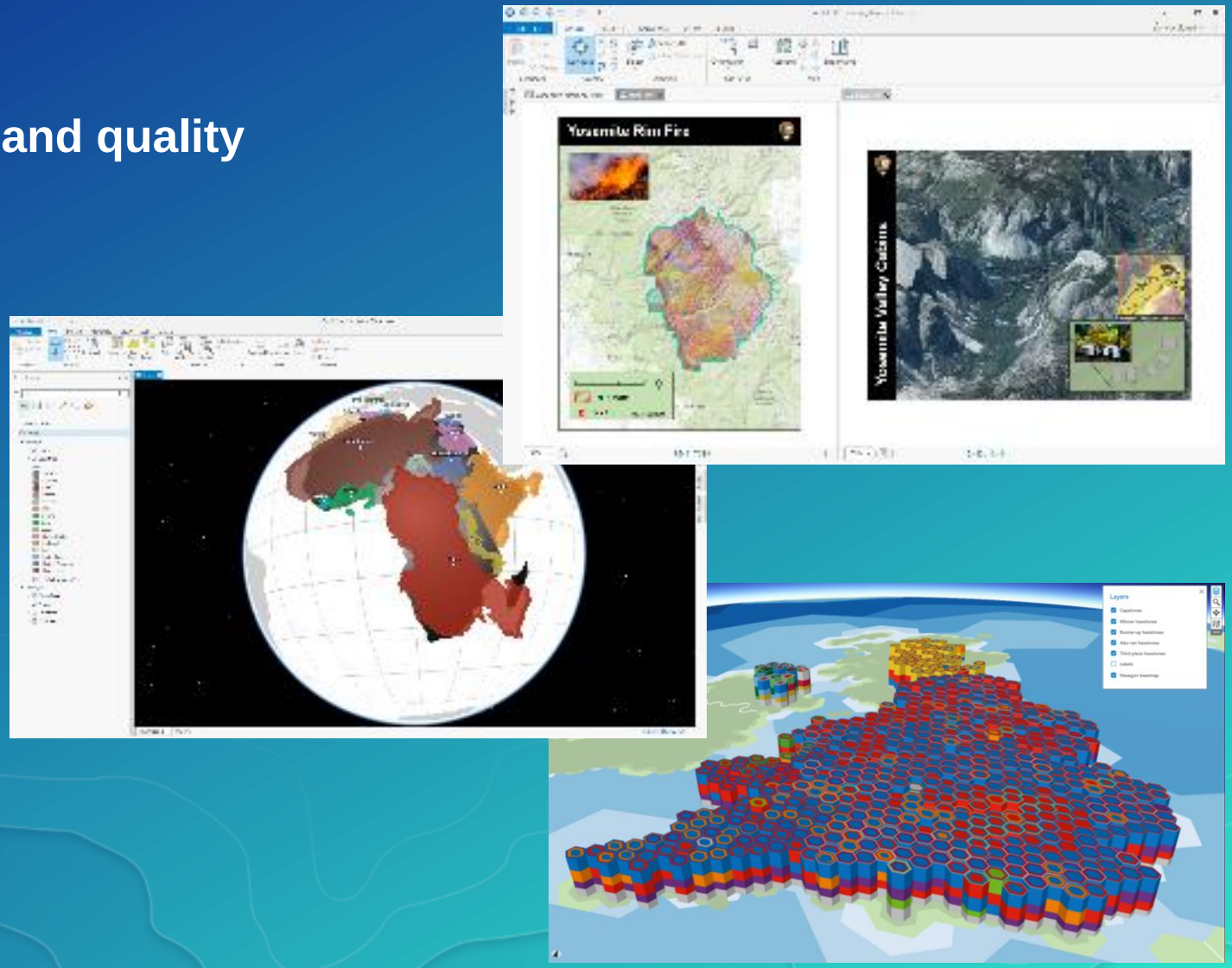
Demonstration

Editing in ArcGIS Pro



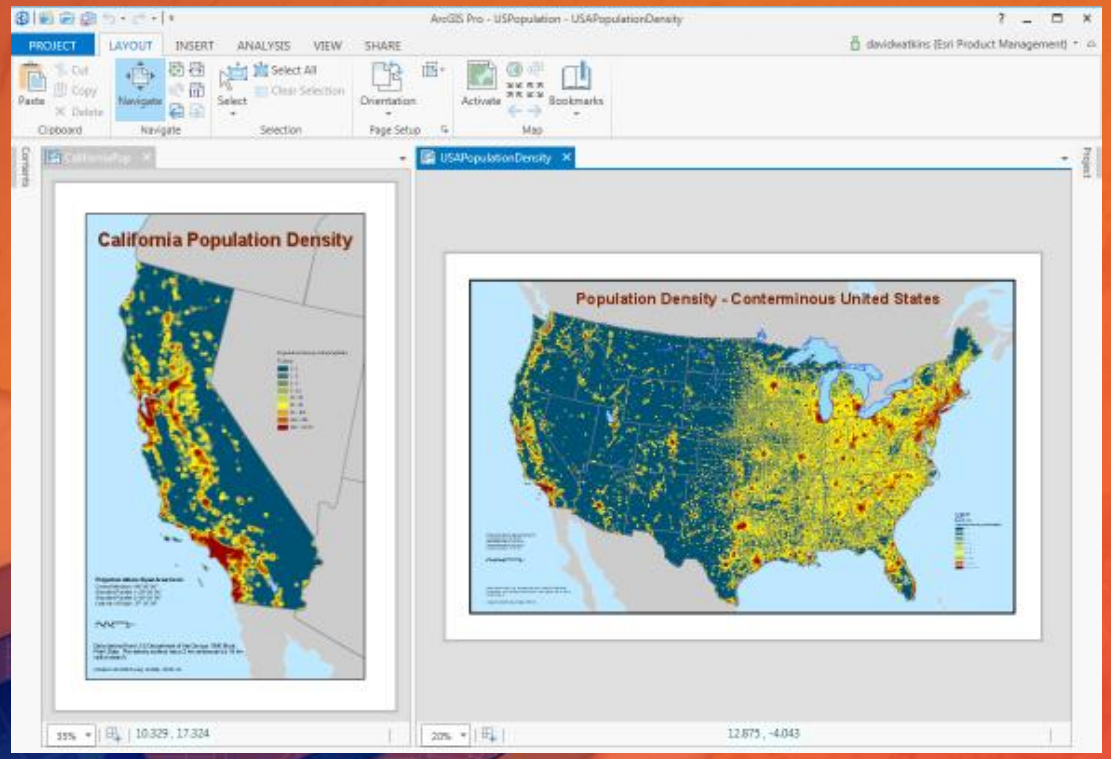
Mapping & Visualization

- 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)

ArcGIS Pro

Share

Common Questions

Is ArcGIS Pro a replacement for ArcMap?

How is ArcGIS Pro licensed?

Any way you want

Becky

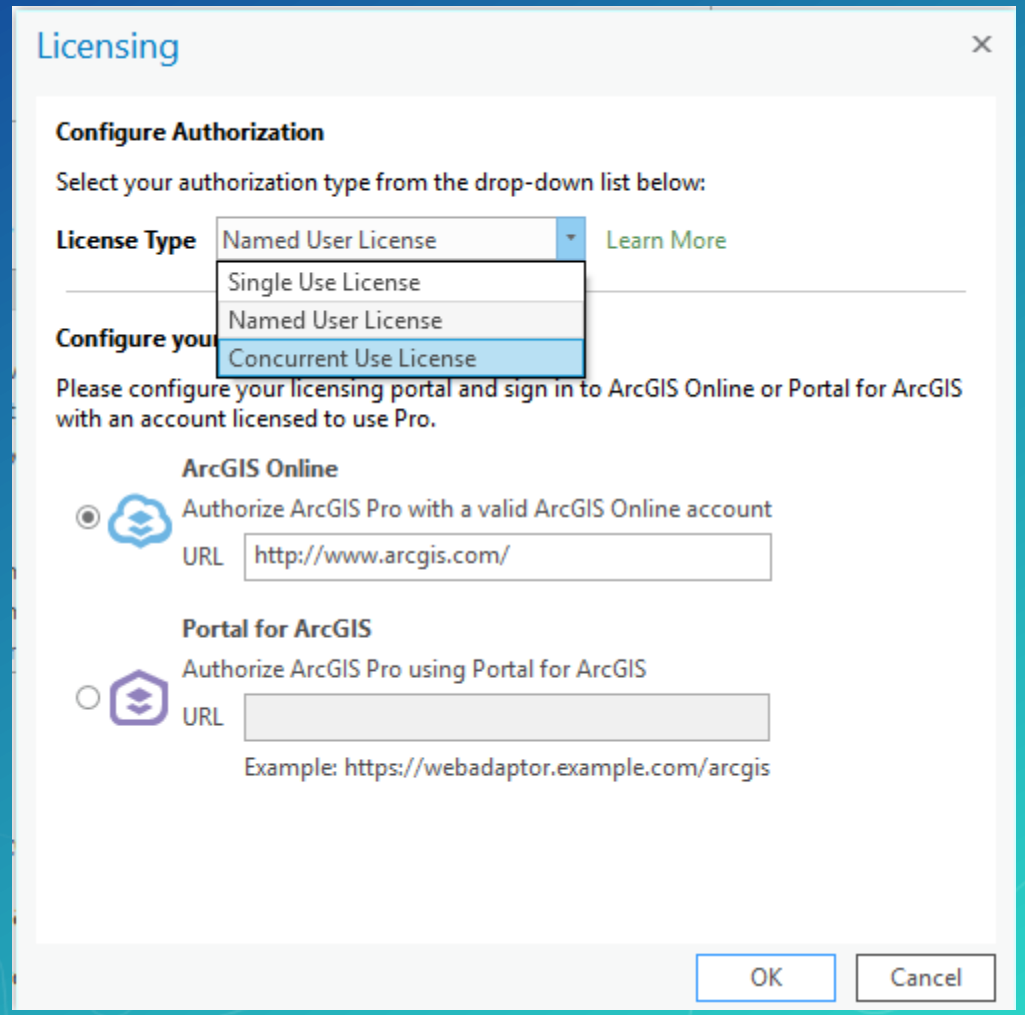
Named user

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**



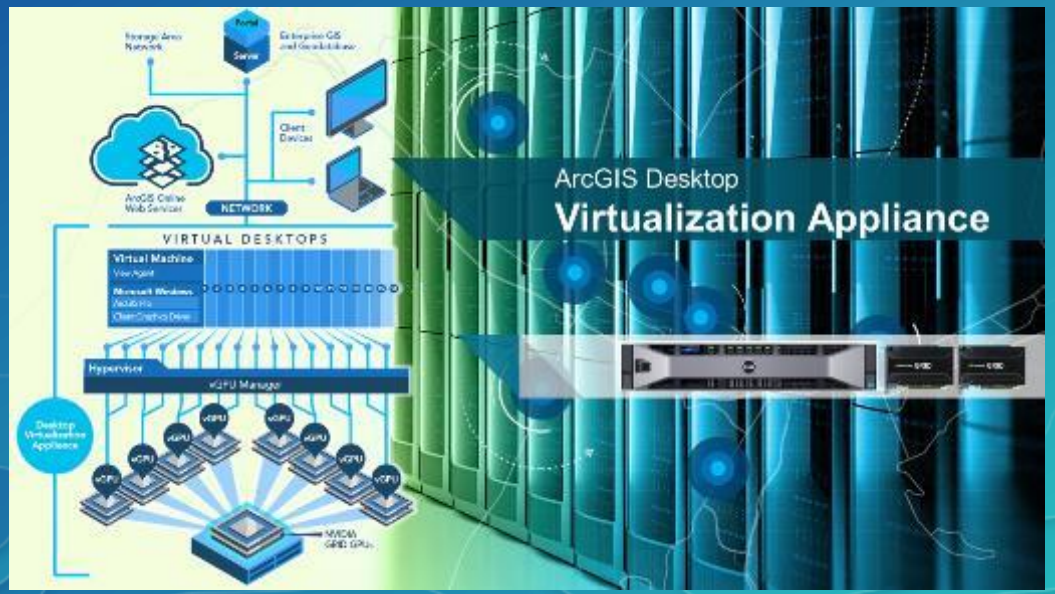
Can I publish to Server from Pro?

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

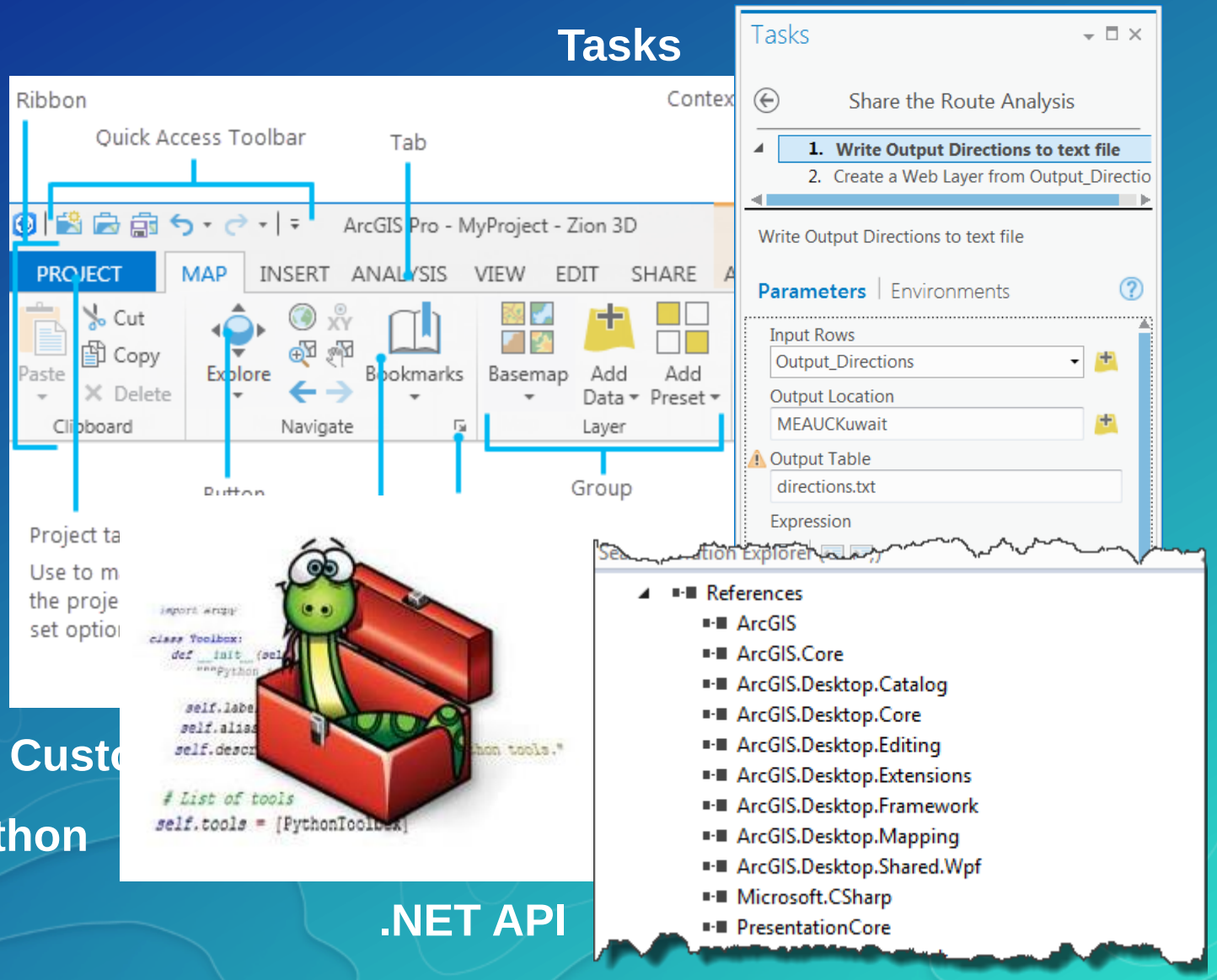
- **GPU Workspace**
  - **Nvidia GPU**
  - **8 vCPUs**
  - **15 Gb Memory**
  - **200 Gb storage**

- 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

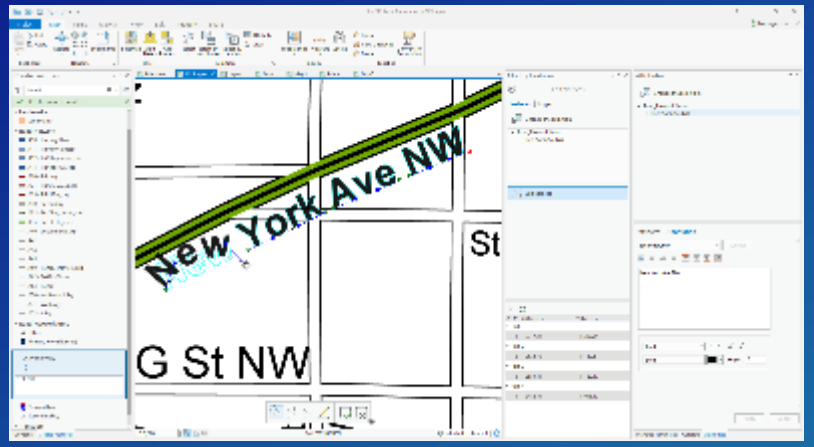
Can I customize ArcGIS Pro?

- Use
- Configure
- Automate
- Extend

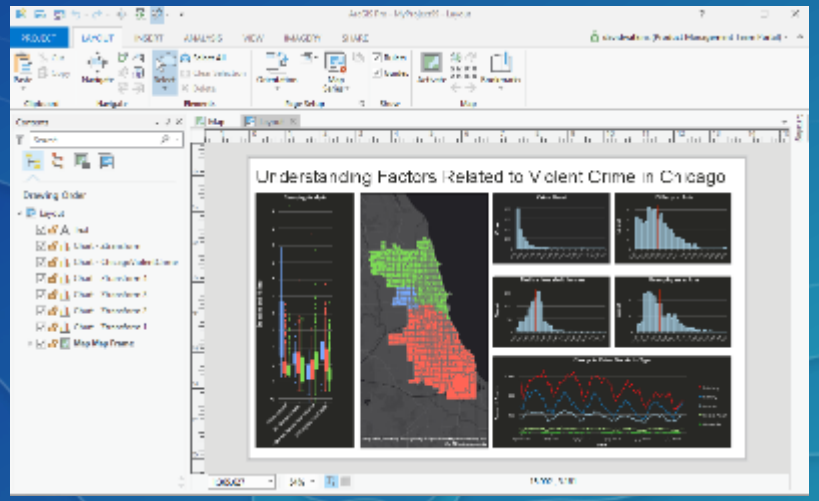


What’s new at 2.0?

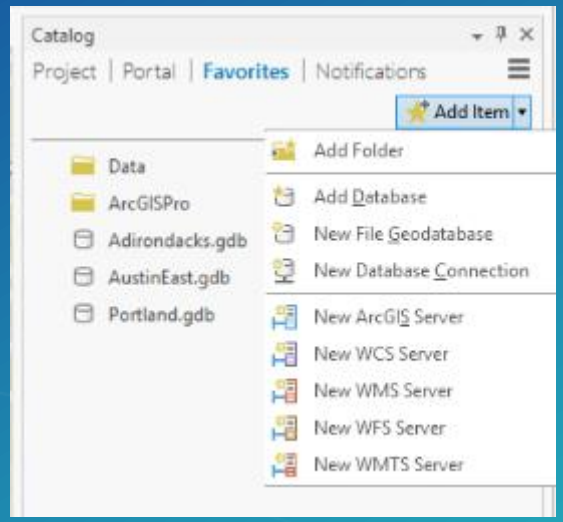
ArcGIS Pro 2.0 Highlights



Create and Edit Annotation

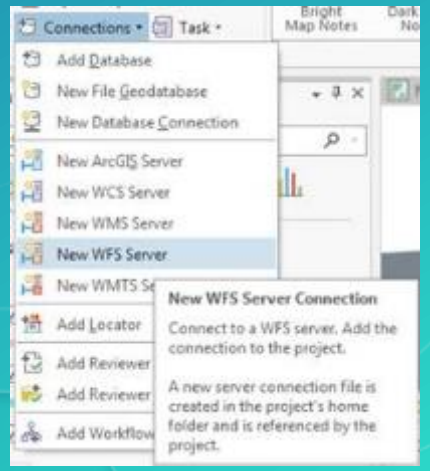


Dynamic Charts in Layout



Favorites

Measured Grids in Layout

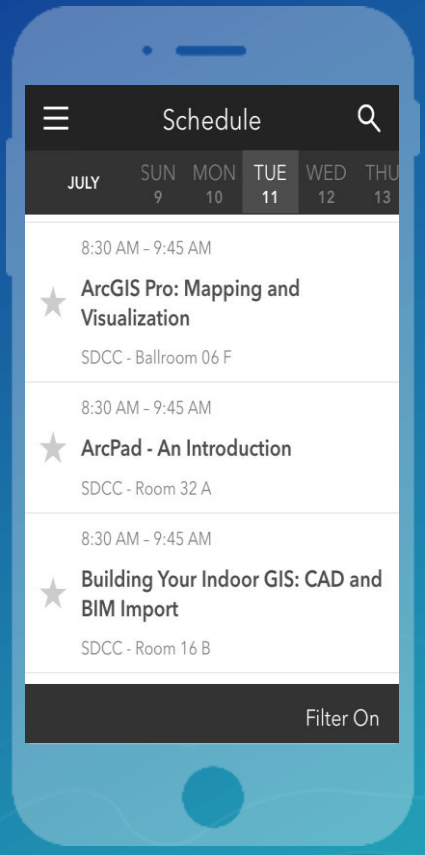


WFS Standard Support

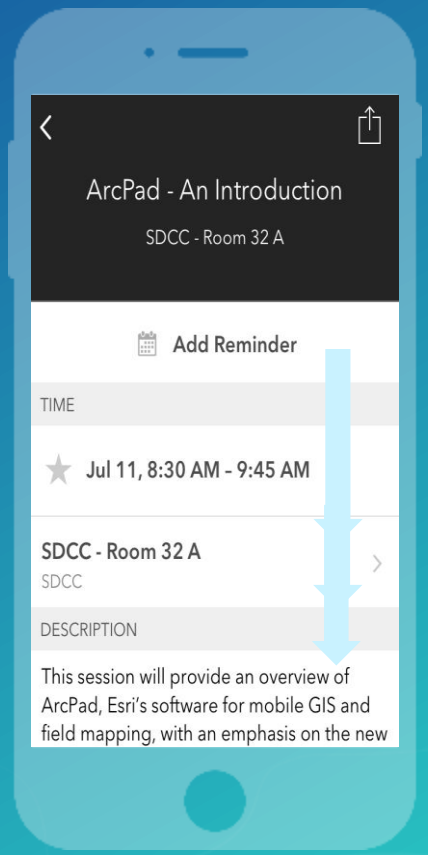
Please Take Our Survey on the **Esri Events App!**

Download the Esri Events app and find your event

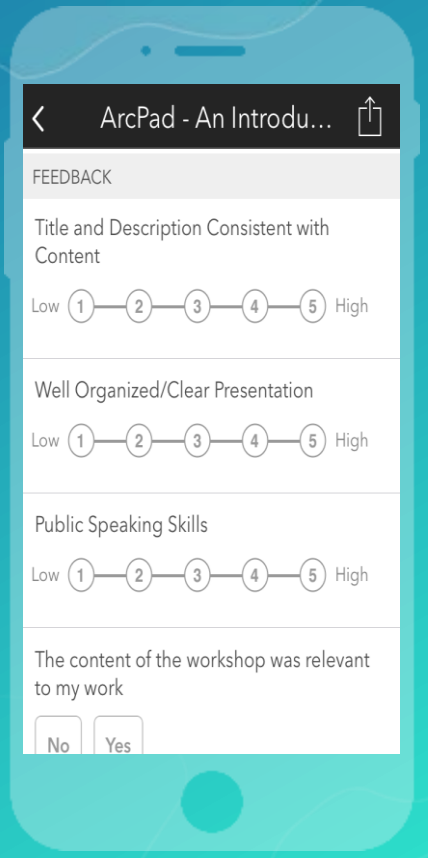
Select the session you attended



Scroll down to find the survey



Complete Answers and Select "Submit"



Questions?

esri
THE SCIENCE OF WHERE