



Transforming Web AppBuilder for ArcGIS® Widget Development



Scott Stafford-Veale VertiGIS North America

VertiGIS™ North America



- Developers of VertiGIS Studio - formerly **Geocortex®**
- HQ in Victoria, BC Canada
- 1,400+ customers worldwide
- Offer web and mobile GIS frameworks and solutions that extend the ArcGIS platform
- Esri Platinum Partner



Release Ready
Specialty



ArcGIS Online
Specialty



State and Local
Government
Specialty



ArcGIS Marketplace
Provider

Geocortex® by VertiGIS™

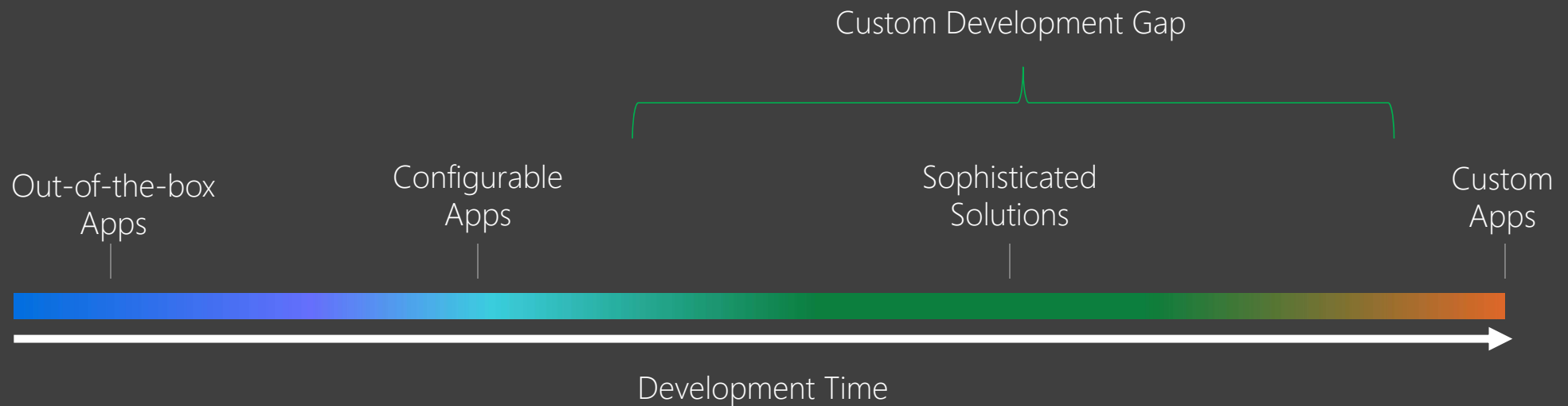


Verti**GIS** Studio™

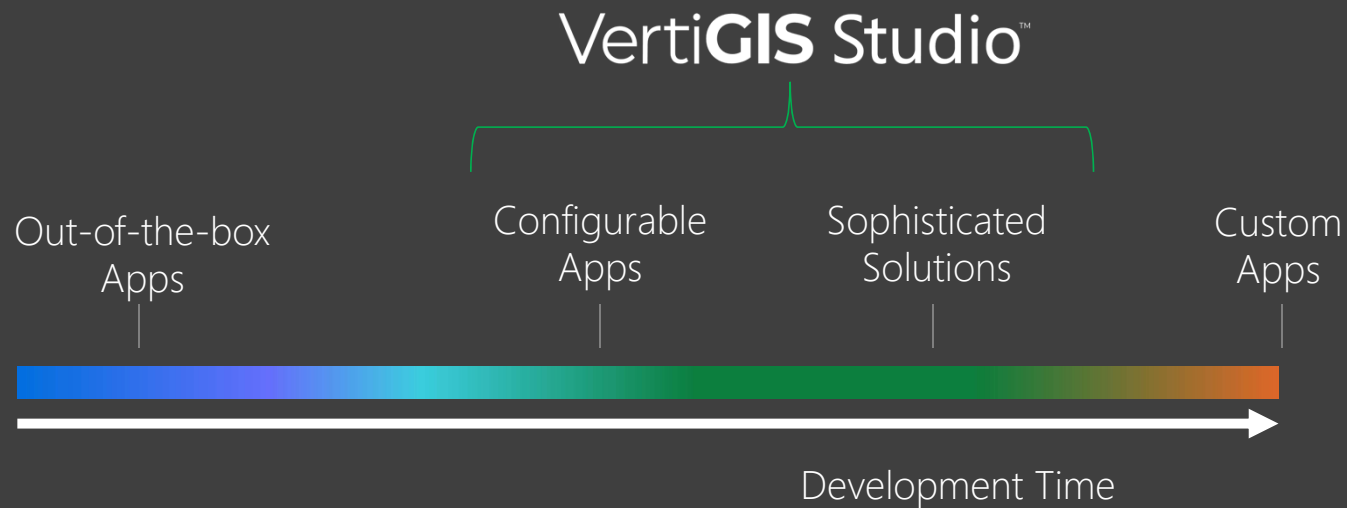
A collection of industry-leading products for
extending Esri's ArcGIS®

Verti**GIS** Studio™

Where VertiGIS Studio fits



Where VertiGIS Studio fits



VertiGIS Studio™

Viewer Frameworks

VertiGIS Studio
Web



VertiGIS Studio
Mobile



VertiGIS Studio
Workflow



VertiGIS Studio
Reporting



VertiGIS Studio
Printing



VertiGIS Studio
Access
Control



VertiGIS Studio
Analytics

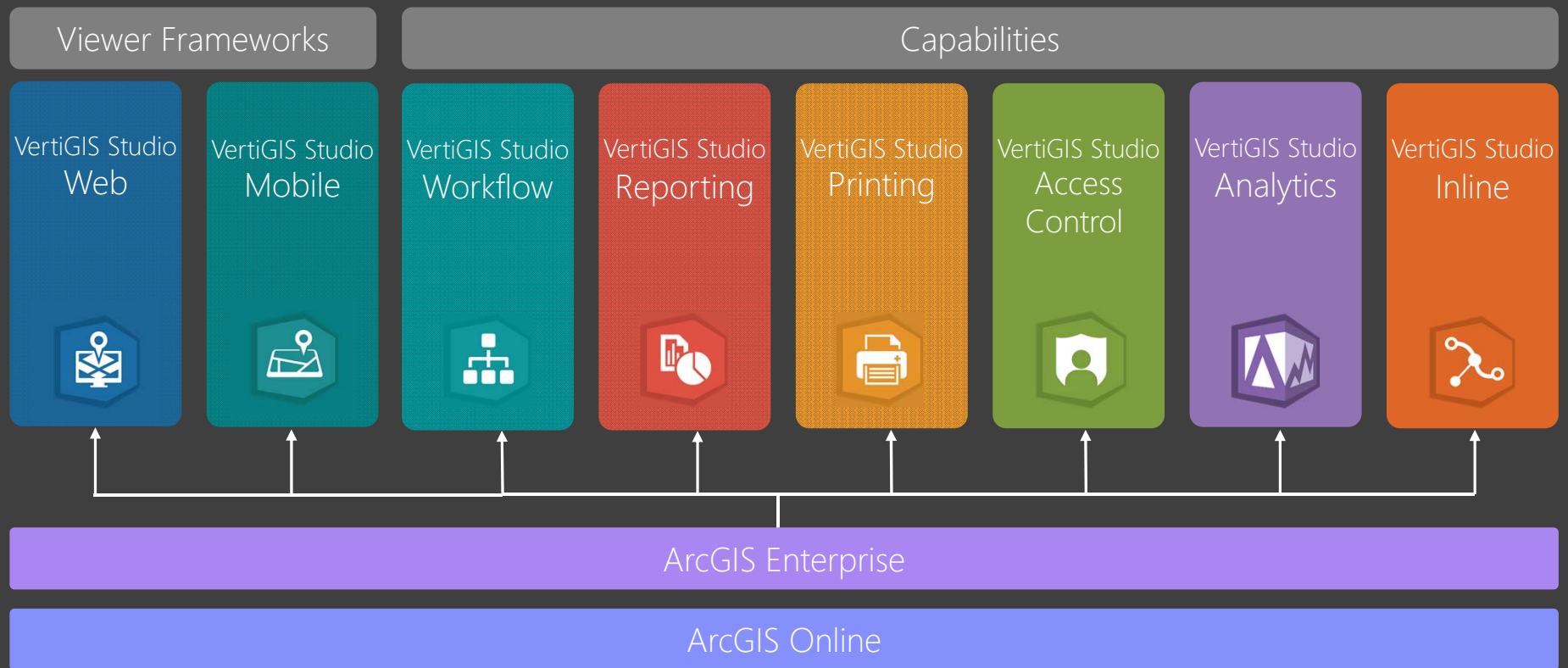


VertiGIS Studio
Inline

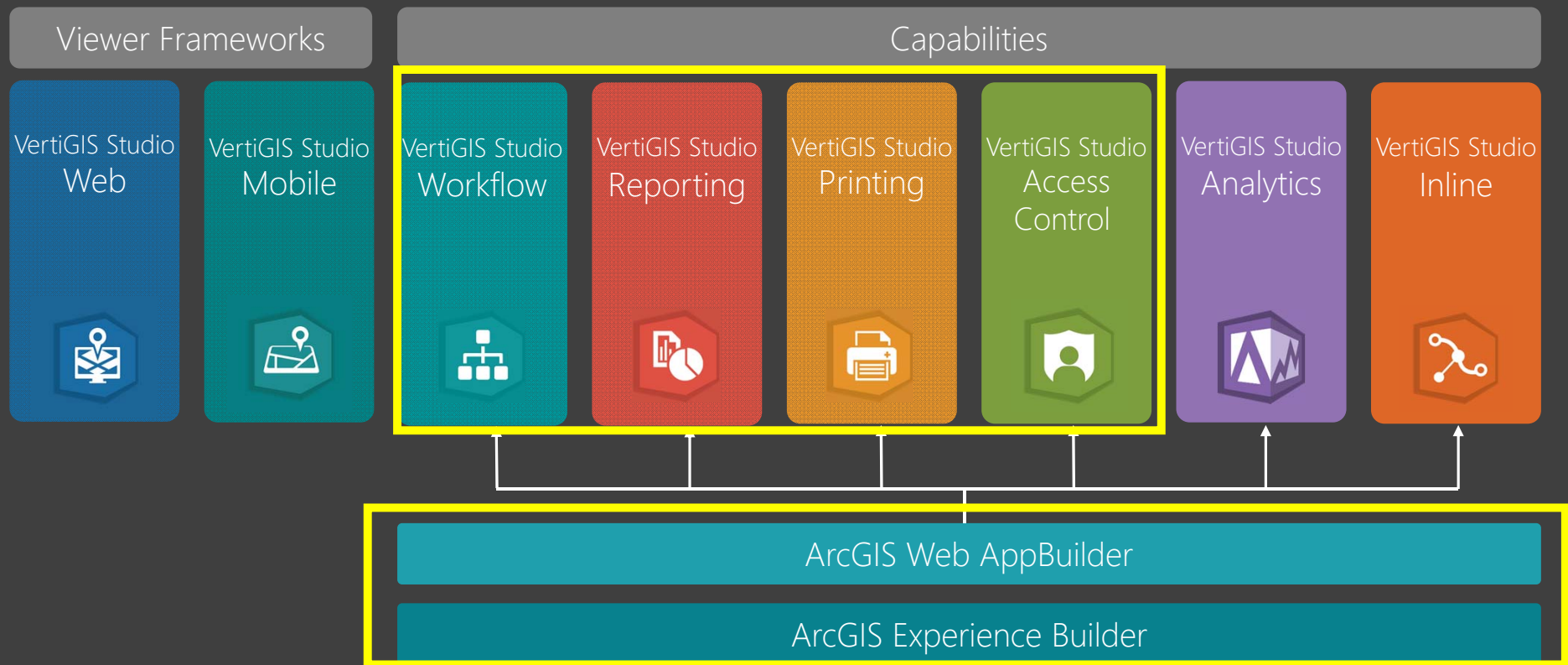


Capabilities

VertiGIS Studio™



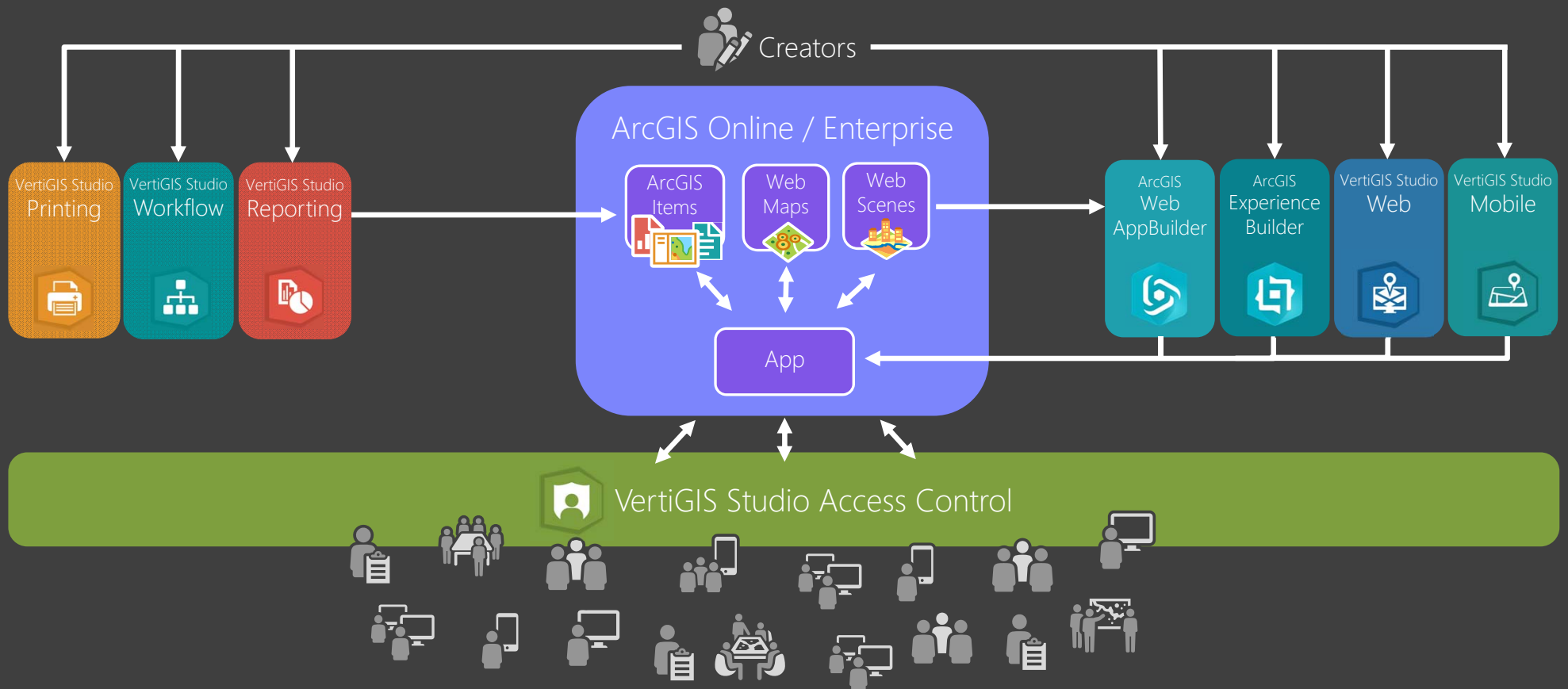
VertiGIS Studio™



Capabilities

Portals

Viewer Frameworks



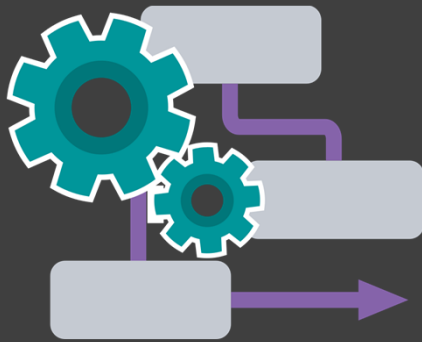


VertiGIS Studio Workflow

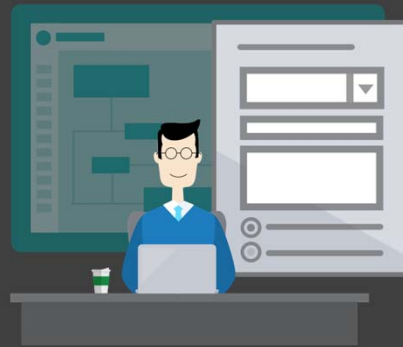
Build custom widgets using a flexible, low-code configuration framework built for ArcGIS

VertiGIS Studio™

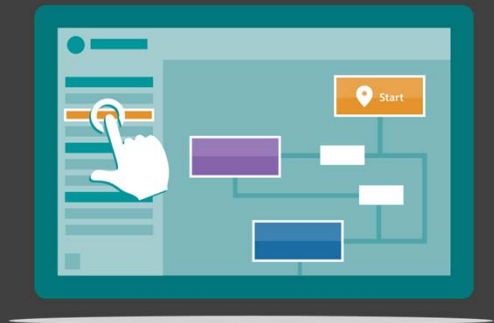
VertiGIS Studio Workflow



Model your business processes
using a drag-and-drop interface that
enables you to streamline complex
requirements via configuration



Present users with dynamic forms
that can handle conditional logic and
validation to support operations such
as searching for or editing features



Integrate with business systems
by communicating with REST APIs,
databases or leveraging the SDK to
go even further

VertiGIS Studio™ *integrates* your business systems

Cityworks®

ELEMENTSXS

lucity™

CALYTERA

Accela

ORACLE



SAP

salesforce

IBM
MAXIMO



Laserfiche®

Microsoft®
SQL Server®

PostgreSQL

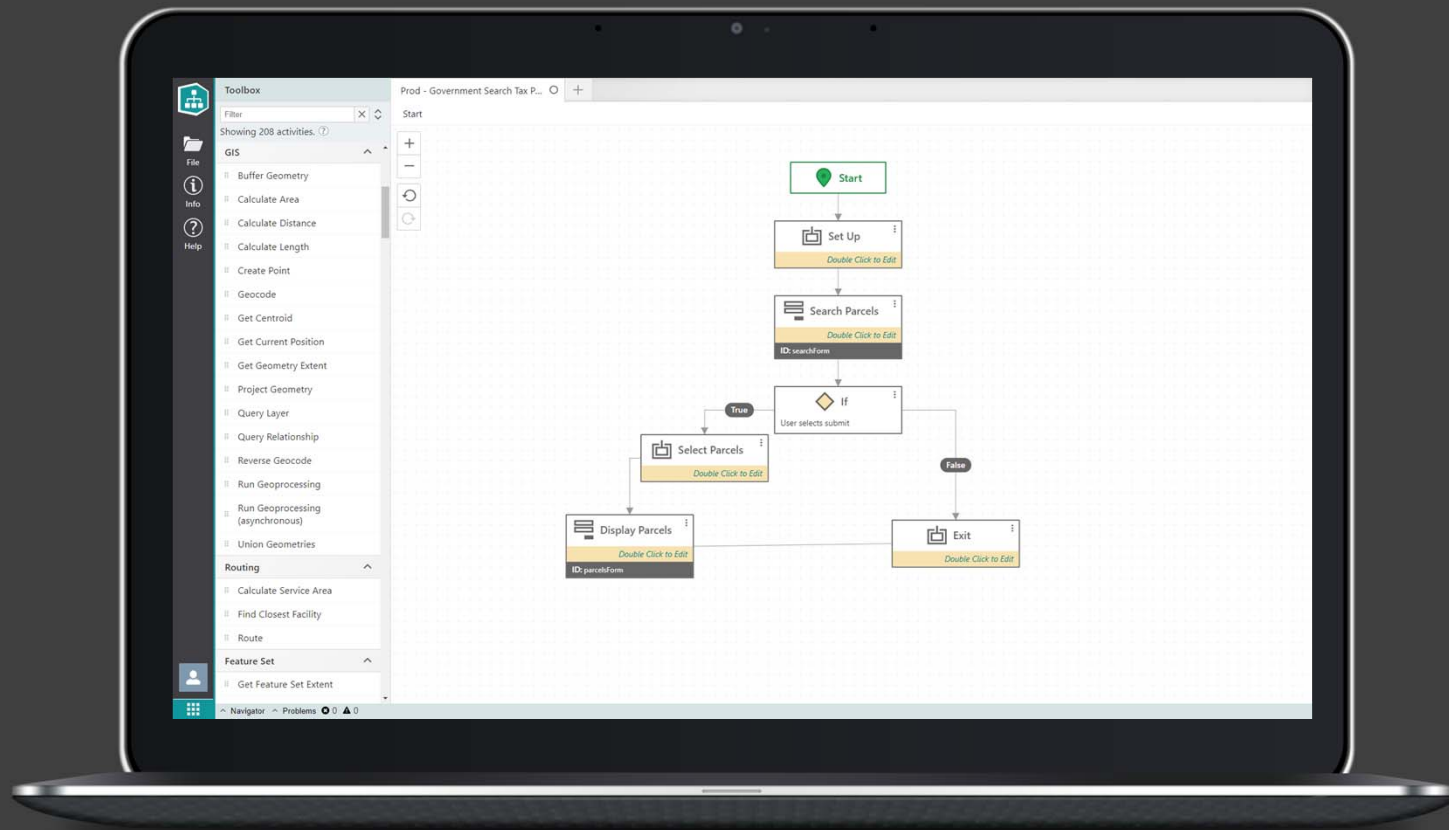
SharePoint

OnBase®
by Hyland

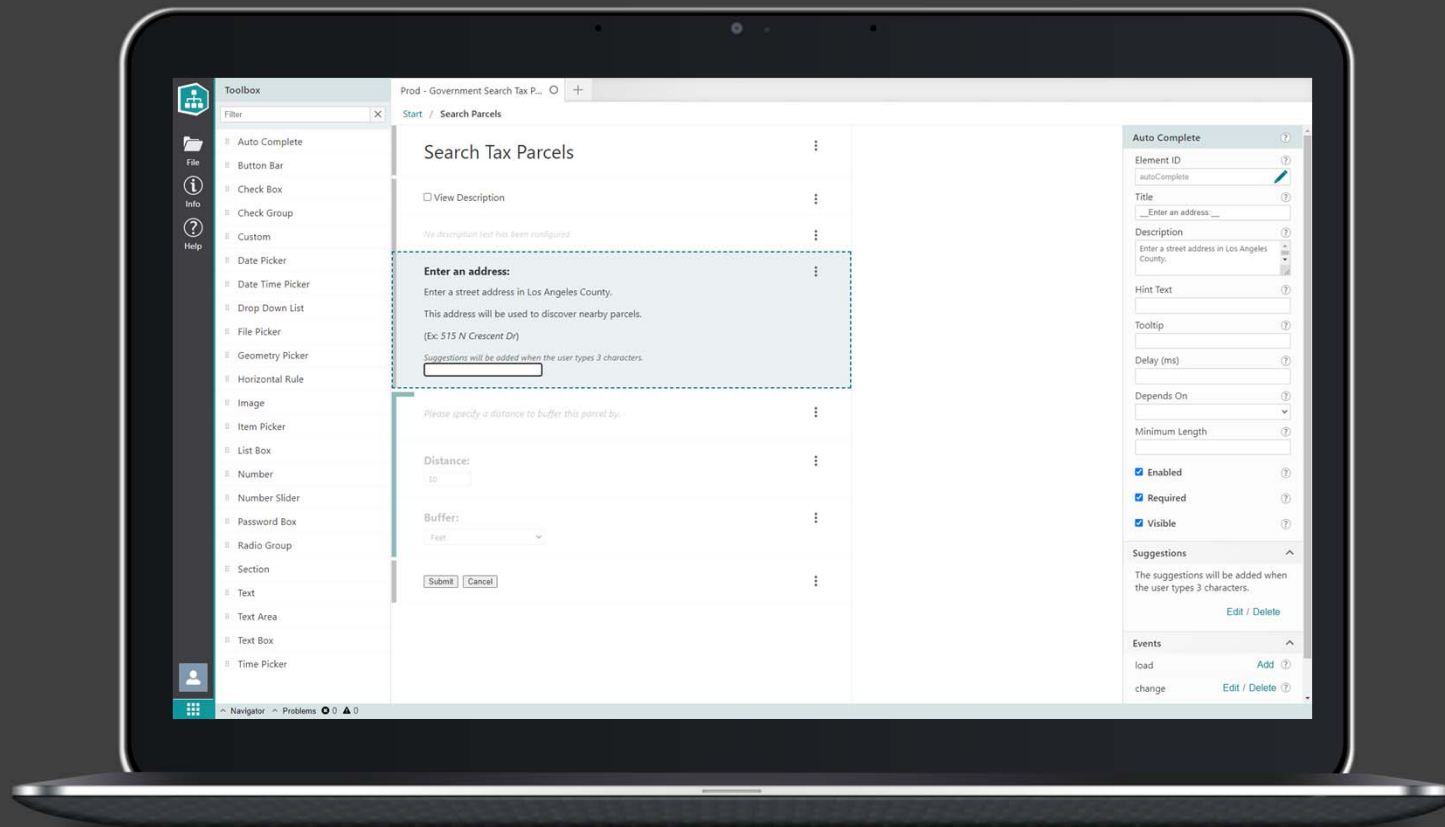
nearmap

Geocortex® by VertiGIS™

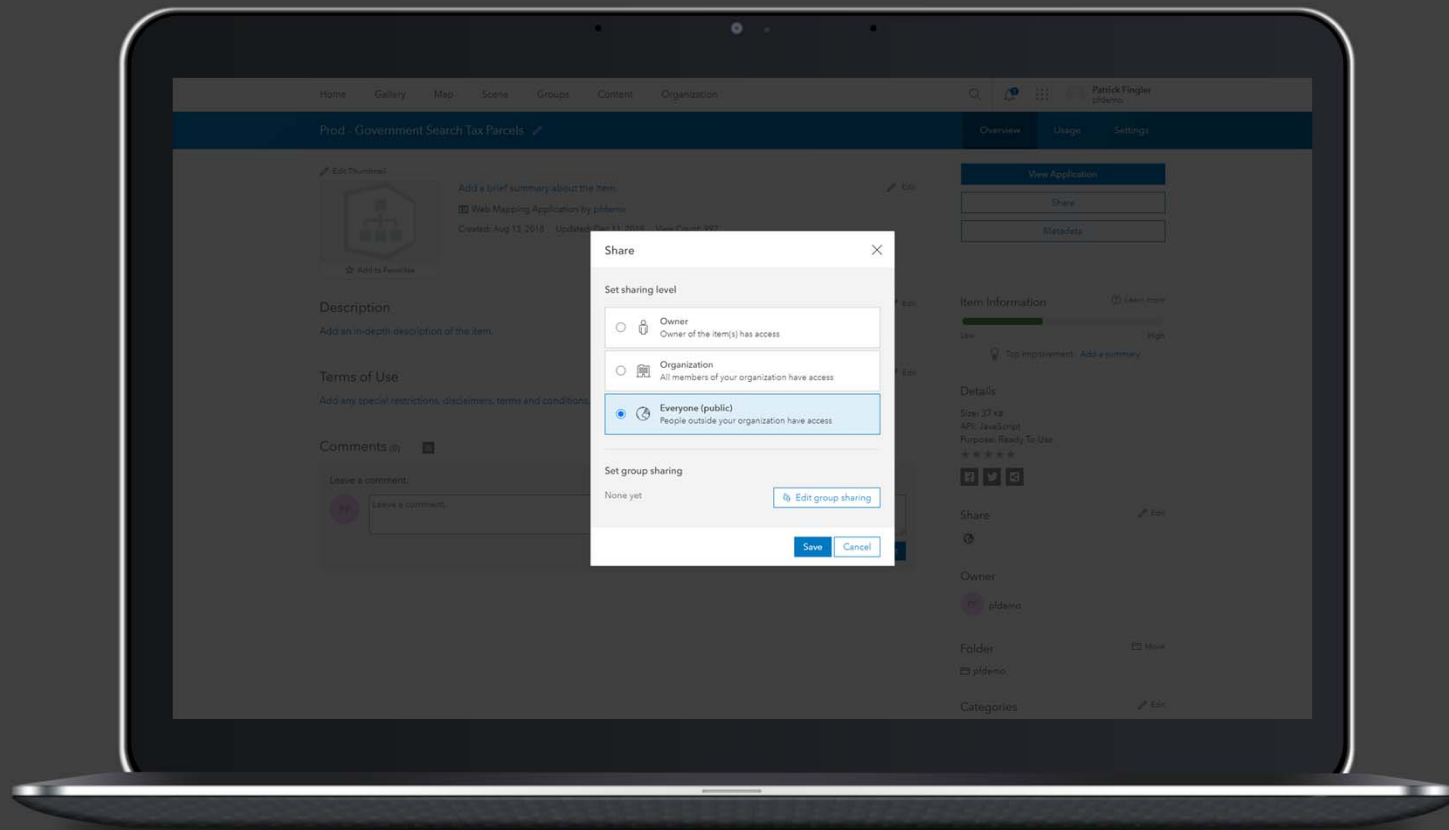
1. Model your business process



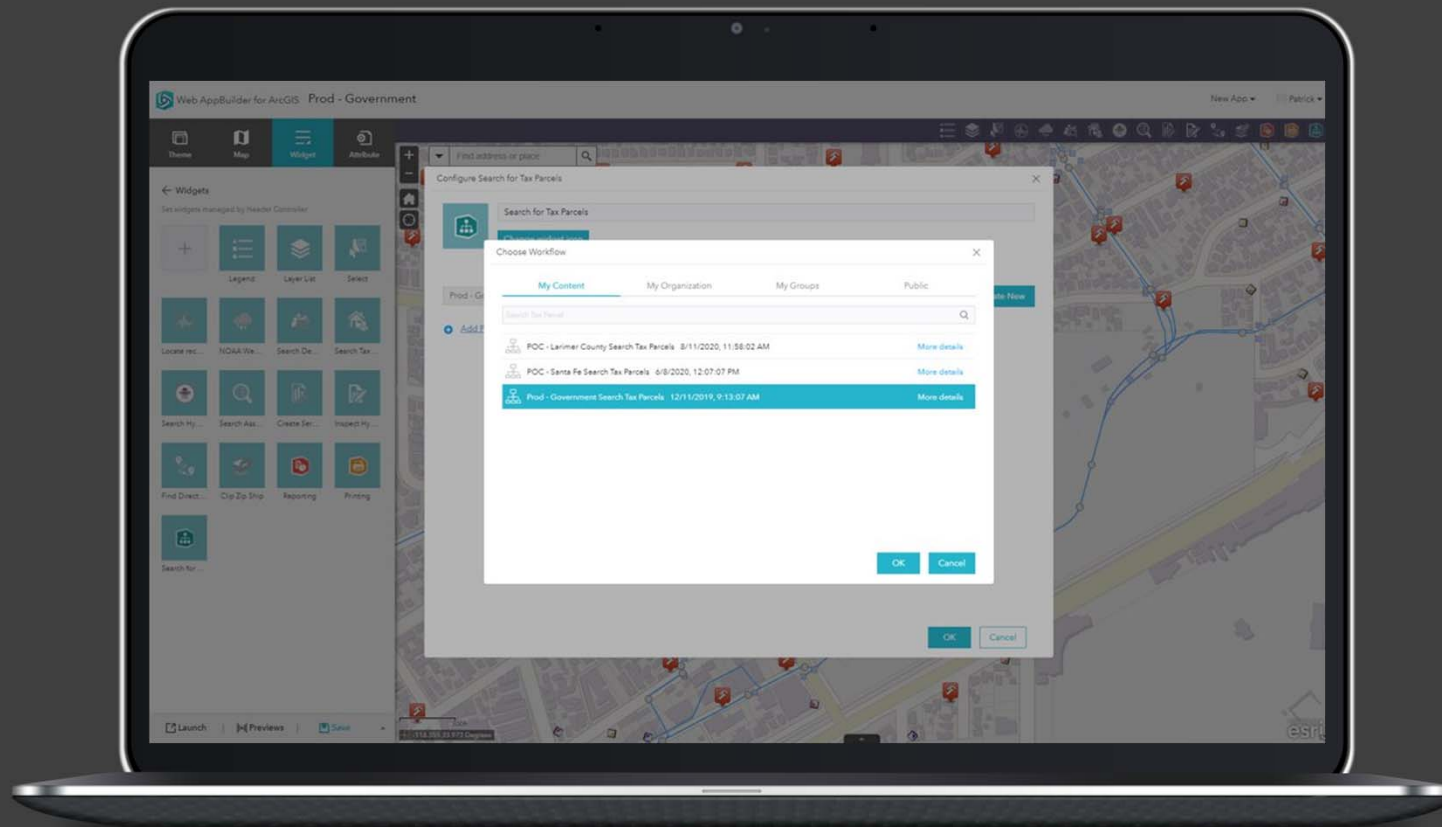
2. Design interactive forms



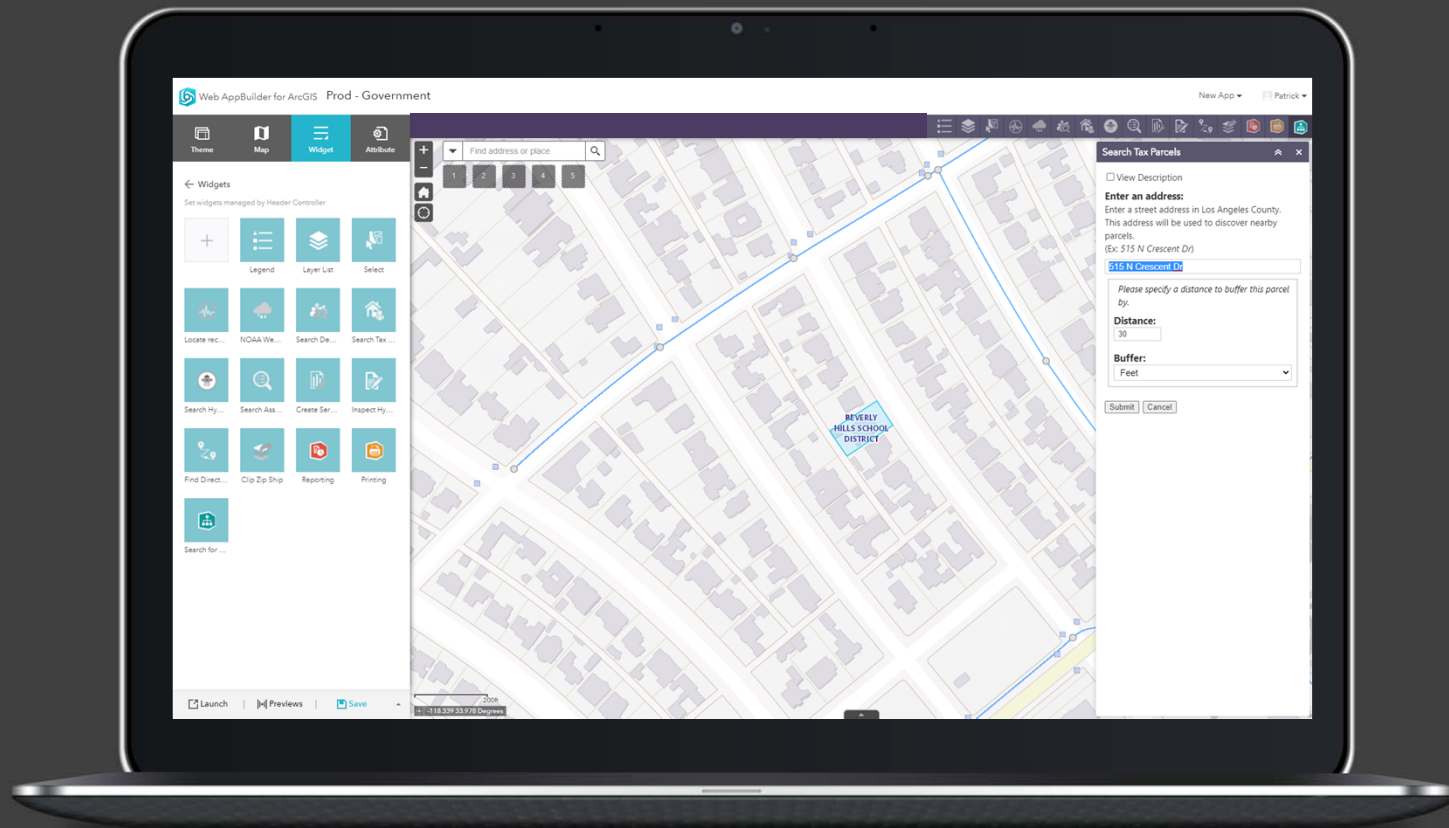
3. Save your workflow to ArcGIS



4. Add your workflow to your app



5. Deploy your widget to your end-users





VertiGIS Studio Reporting

Bring your data, maps and charts together within a PDF report to deliver key information to the right people

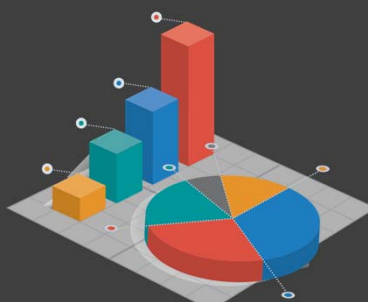


VertiGIS Studio™

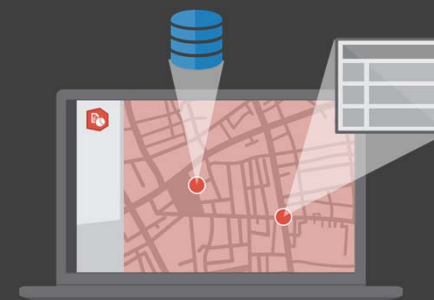
Geocortex Reporting



Choose from dozens of tools
designed to integrate with your GIS
including maps, attachments, tables,
charts and interactive QR codes

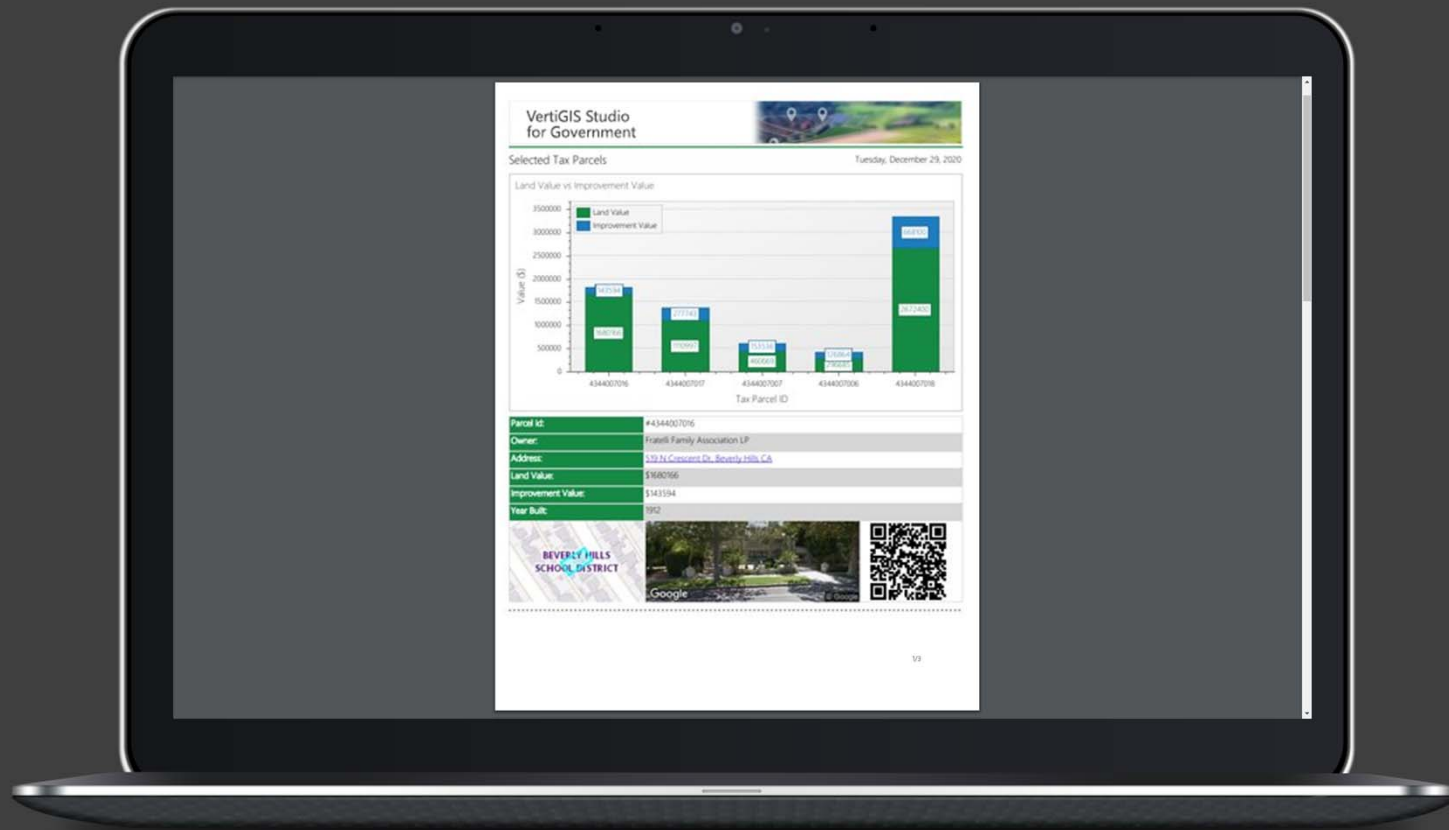


Make your GIS more accessible
and easier to interpret by including it
as a PDF where it can be shared with
different stakeholders



Bring your data together
from a variety of different sources
including ArcGIS, non-spatial
databases or even REST APIs

VertiGIS Studio Reporting Examples



VertiGIS Studio Reporting Examples



Sheet 1 of 1

U.S. Department of Transportation
Federal Highway Administration

Report Number: 2015A-FH-002
Inspection Date: 10-28-20

Location (Name of Road and Milepost):
Route 118A at Mile Post 27.20 to 40.70

FHWA District Number: CD-19-1
Federal Aid Project Number: 118A

Description of Damage:
☒ Emergency Repair ☐ Permanent Repair ☐ Detour Removal

State: Colorado
County: Boulder
Route Order Number: Not Maintenance Forces

Project Phase:
☒ Pre Construction ☐ Construction

Cost Estimate

Description of Work to Date (Equipment, Labor, and Materials)	Unit	Unit Price	Quantity	Cost Completed	Remaining
Major Earthwork Items	LS	\$1,023,250.00	1	-	\$958,250.00
Bases & Pavements	LS	\$4,877,104.00	1	-	\$4,327,920.00
Structures Replacement	LS	\$80,850.00	1	-	\$80,850.00
Structures Repair/Rehabilitation	LS	\$2,609,000.00	1	-	\$2,609,000.00
Walls	LS	\$301,584.00	1	-	\$301,584.00
Drainage	LS	\$184,402.00	1	-	\$184,402.00
Misc Items	LS	\$91,482.00	1	-	\$91,482.00
General Construction Items	LS	\$2,704,616.00	1	-	\$2,704,616.00
Environmental Assessment	LS	-	-	-	-
Force Account - Miscellaneous	LS	\$1,187,281.00	1	-	\$1,187,281.00
Minor Contract Retentions	LS	\$783,405.00	1	-	\$783,405.00
Construction Estimate Subtotal				\$13,278,526.00	\$2,768,718.37
Contingencies					
RCM				\$40,000.00	
Preliminary Engineering				\$2,495,482.72	
Construction Engineering				\$1,663,788.48	
11% Indirects				\$2,287,709.16	
Estimated Project Total					\$22,485,426.72

Method:
☐ Local Forces ☒ State Forces ☐ Contract

Environmental Assessment Recommendation:
☐ Categorical Exclusion ☐ EA/EIS

Recommendation:
☐ Eligible ☐ Ineligible

Concurrence:
☐ Yes ☐ No

Concurrence:
☐ Yes ☐ No

Prepared By: FHWA Engineer Date: _____
State Engineer Date: _____
Local Agency Representative Date: _____

FHWA USE ONLY
FHWA Region: ☐ Yes ☐ No

Form FHWA 1287
EX-107 10-2015



VertiGIS Studio Printing

Generate quality, high-resolution print outputs in all sizes



Verti**GIS** Studio™

Geocortex Printing



Enhance your users' experience
using a live preview that makes it
easy to visualize what will be
included in the final print output



Generate plotter-size prints
that support high resolution outputs or
choose from a variety of different sized
templates to support your needs



Brand your print templates
using an intuitive, web-based designer
that enables you to print maps that
satisfy your UI/UX requirements

VertiGIS Studio Printing Examples



VertiGIS Studio Printing Examples





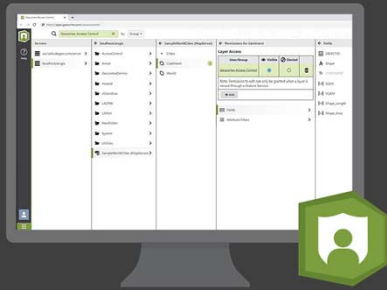
VertiGIS Studio Access Control

Easy to manage, fine-grained permissions for your ArcGIS services

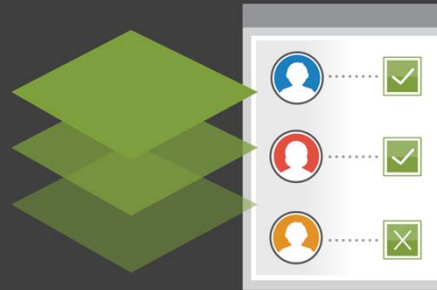


VertiGIS Studio™

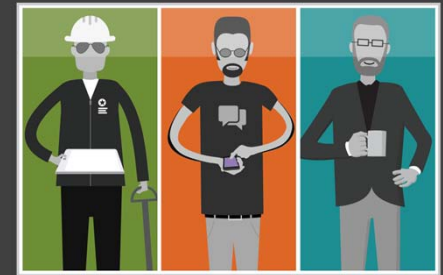
VertiGIS Studio Access Control



Manage permissions with ease
using a web-based designer that
makes it easy to determine who
has access to what resources

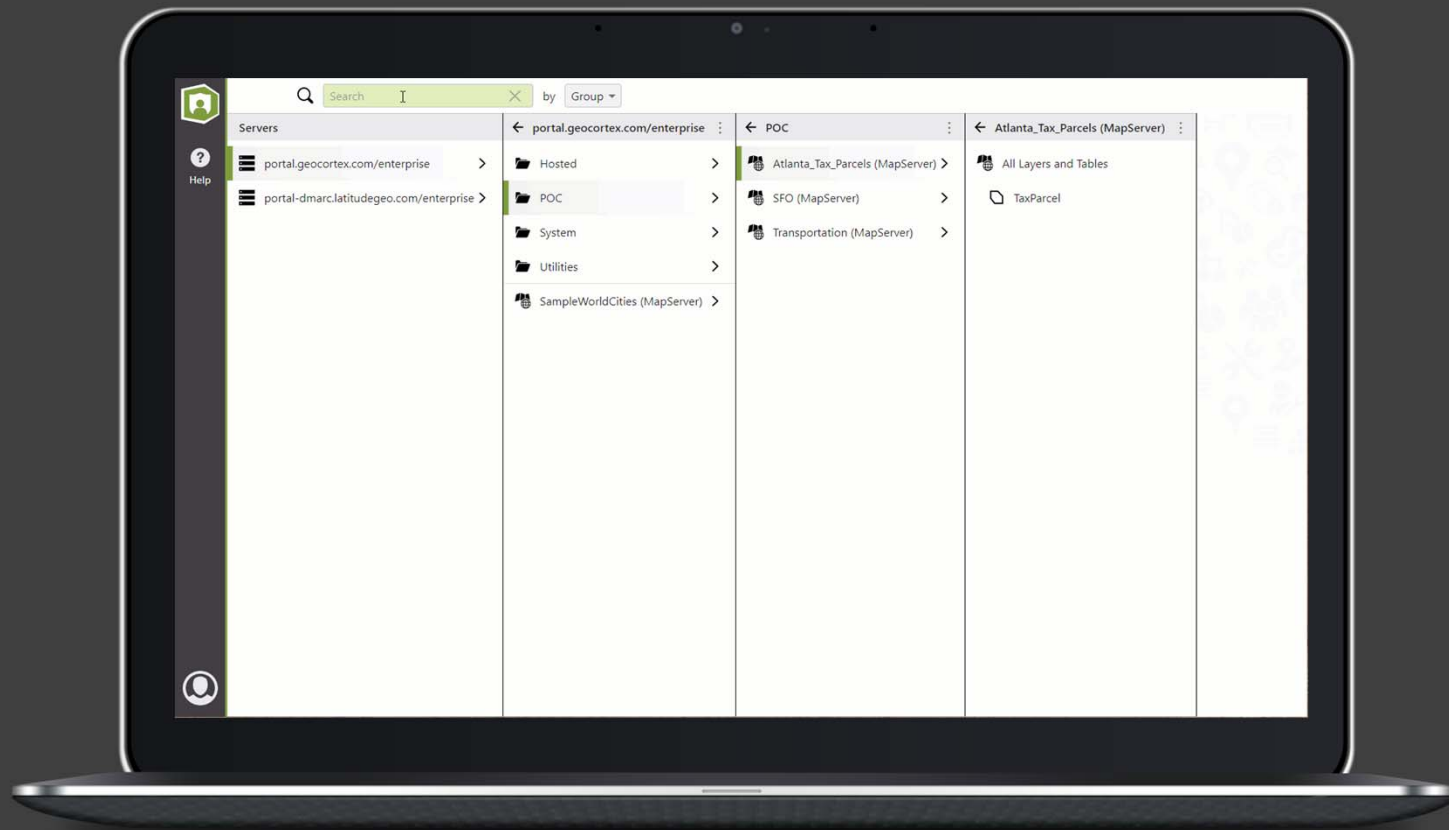


Filter your ArcGIS services
by denying a user or group access to
a field or specific features using
attribute expressions or by geometry



Provide targeted content to users
by only displaying data that is relevant
to them while ensuring your
information is properly secured

VertiGIS Studio Access Control

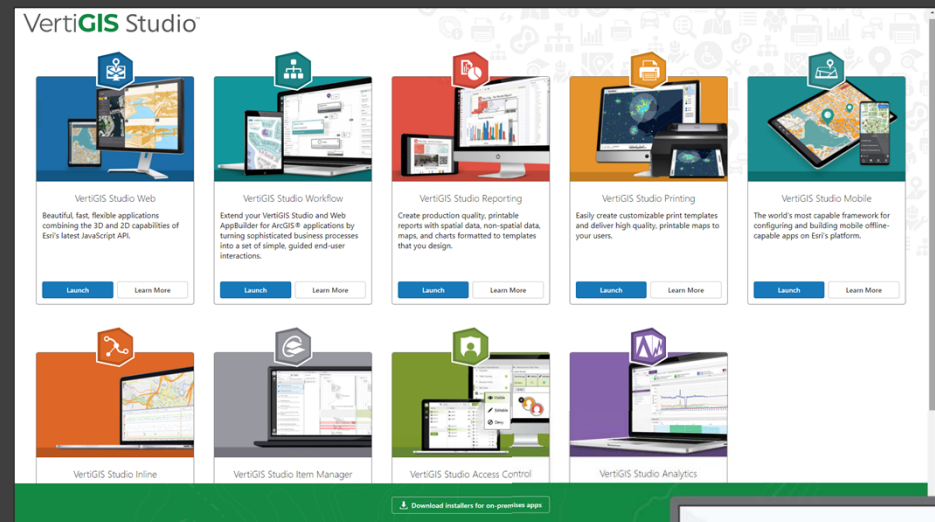


DEMO



Get Started!

- ArcGIS Online or Enterprise
- Hosted Designers (SaaS)
- On-Premises Installers
- 60-day free trials



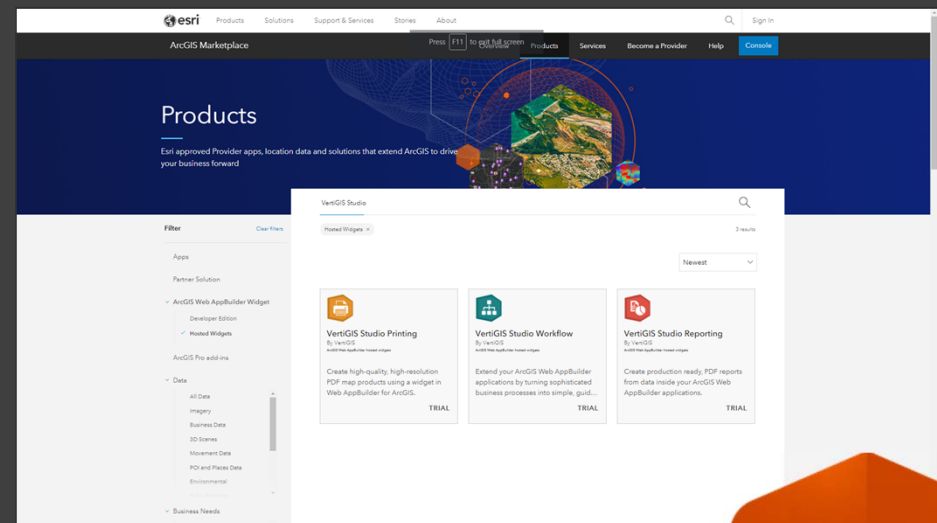
apps.vertigisstudio.com

VertiGIS Studio™

Geocortex® by VertiGIS™

Find us on the ArcGIS Marketplace

- Extend your ArcGIS® apps
- Web AppBuilder Widgets
- ArcGIS Online / Enterprise
- Free Trials



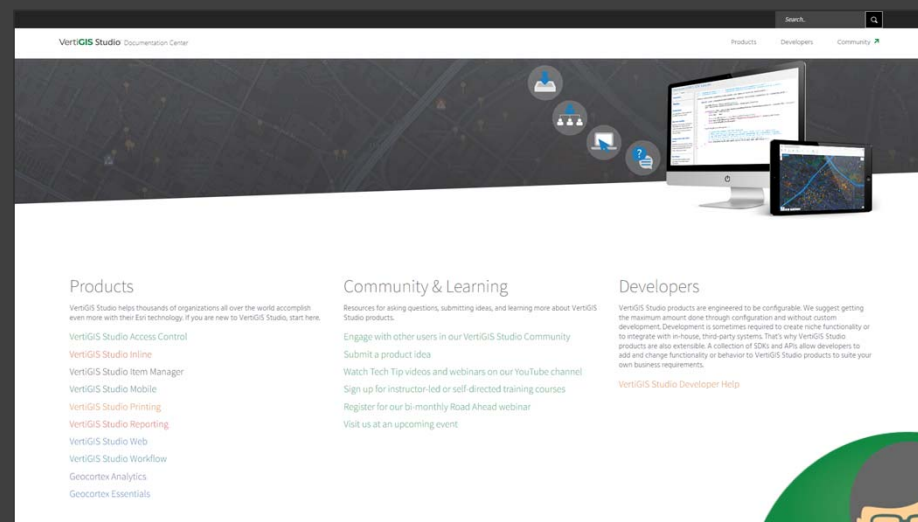
esri.com/en-us/arcgis-marketplace



Geocortex® by VertiGIS™

Access our Documentation Center

- Detailed release notes
- Installation assistance
- Configuration info
- Guided tutorials



docs.vertigisstudio.com



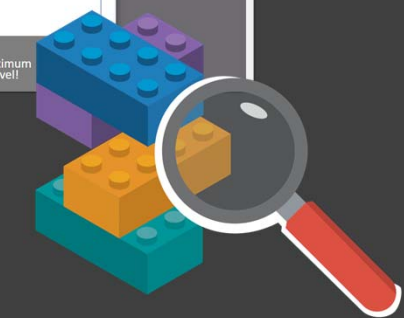
Geocortex® by VertiGIS™

Level up in our VertiGIS Studio Training

- Delivered by TeachMeGIS
- Instructor-led
- Self-directed
- Provided VMs



vertigisstudio.com/support/training/





VertiGIS Small Municipal and County Government Program

Are you a customer of Esri's Small Municipal and County Government ELA program?

Are you ready to take your organization's GIS even further, without breaking the bank?
Could you benefit from a complete GIS app development framework that allows you to make better geospatial apps without needing advanced development skills? Do you need to push the boundaries of what's possible with ArcGIS in order to deliver the apps your citizens need?

What You Get

The VertiGIS Small Municipal and County Government Enterprise License Agreement Program (SMC-ELA) includes the following items:

1. Access to the powerful suite of GIS app development products offered by VertiGIS.

- Geocortex Workflow*
- Geocortex Reporting*
- Geocortex Printing*
- Geocortex Item Manager
- Geocortex Access Control
- Geocortex Mobile
- Geocortex Web
- Geocortex Analytics
- Geocortex Essentials

Geocortex[®]

Implementation Partner



- Application Development
- Configuration
- Hosting Services

Thanks!

Questions?



Scott Stafford-Veale

VertiGIS North America

scott.sv@vertigis.com