Introduction to VertiGIS Studio Web: Part 1

Course Length: 2 days (instructor-led)
5 days (self-paced)

Overview

This two-day, web-based training course provides you with the knowledge you need to configure applications with VertiGIS Studio Web (VSW). You will learn about the VertiGIS Studio app templates and how to configure them, as well as how to build an app from a blank template. You will see how to customize the templates by changing colors, adding and configuring components, modifying the layout, and translating text to other languages. You will practice adding buttons, toolbars, and menus to your app which will call built-in commands or workflows and reports created with VertiGIS Studio. You will learn ways to enhance the user experience by setting up components to work with selected features and respond to user actions. You will also deploy an app to different development stages. At the end of the course, you should be comfortable building and modifying a basic app in VertiGIS Studio Web.

Audience

Those in any industry who are comfortable with both desktop and web GIS and the ArcGIS platform and are wanting to create custom web applications. The course is geared toward brand-new VertiGIS Studio users but will also be useful for existing Geocortex Essentials users looking to migrate to VertiGIS Studio Web.

Topics Covered

Day 1

- VertiGIS Studio – An overview of VertiGIS Studio and an introduction to the VertiGIS Studio capabilities.
- VertiGIS Studio Web – Understand the connection between ArcGIS Online/Portal for ArcGIS and VertiGIS Studio Web. Learn how to create custom apps. Get acquainted with the VertiGIS Studio Web Designer interface.
- VertiGIS Studio Web Templates – Explore the built-in templates available for creating new apps. Create an app using a template and modify it to make it your own. Learn tips for changing the web map and setting the name of your app. Understand what is saved in VertiGIS Studio Web.
- Customizing Apps – Discover the configuration panel for creating custom apps. See how to add, remove, and configure components. Make simple color and text changes to an app. Discuss how to make apps accessible and work in other languages and regions. Learn which settings in the web map affect the app. Explore map-oriented components including basemap selector, compass, and bookmarks navigator. Add and customize buttons. Duplicate components and share them across multiple apps. Create backup copies of your apps.

Day 2

- Designing Apps – Create an app from scratch (without a template). Understand the purpose of columns and rows for arranging app components. Learn how a panel operates. Make use of tabs and expands for efficient display of components in your app. Add Layer List and Legend components and see how to use dialogs to show messages to users of your app.
- Arranging Tools – Understand how commands are called by toolbars and menus. Add a toolbar and customize its tools. Define choices of the "I Want To…" menu. Alter the options of a context menu. See how to call a VertiGIS Studio workflow or report from an app.
- Results, Actions, and Events – Discover how query, search, and identify results are displayed in an app. Customize the display of those features. Learn about configuring layer actions and feature actions for specific groups of features. Enhance the user experience by making your app responsive to user actions and events.
- Sharing Apps – Discover the deployment options available within VertiGIS Studio Web. Discuss the stages of application development and deployment. See where to set sharing permissions and access links for launching your app. Understand the purpose of environment values and how to strategically use them. Utilize the versioned deployment capabilities of VertiGIS Studio Web. Learn how to create your own custom templates for building apps.

Format

This course is available as an in-person or remote instructor-led course, or as a self-paced course, with hands-on practice and course materials you can keep.

Prerequisites and Recommendations

- Knowledge of creating and sharing content in AGOL or Portal for ArcGIS.
- Fundamental knowledge of web-based systems and technology is an asset.
- We recommend using two monitors for an ideal learning experience.