Introduction to VertiGIS Studio Printing

Course Length: 1 day (instructor-led)
5 days (self-paced)

Overview

This one-day course builds on your VertiGIS Studio experience and shows you how to design polished, professional printouts for web mapping applications. Using the VertiGIS Studio Printing Designer, you will create ArcGIS Pro-based layouts that combine maps, dynamic text, and graphics into reusable print outputs. You will explore how layouts are structured, designed, and enhanced to support real-world use cases, learn how user input drives printed results, and understand how print layouts are used within VertiGIS Studio Web applications to deliver map exports, field-ready documents, and multi-page printed output.

Audience

This course is intended for GIS professionals, developers, and solution-builders who already work with VertiGIS Studio and want to create customized print outputs for web applications.

Topics Covered

Day 1

- Getting Started with VertiGIS Studio Printing – Discover how layout driven printing transforms web maps into polished professional outputs. Explore the core capabilities of VertiGIS Studio Printing, learn how designers and app users work together to produce printed maps, and get hands on with the VertiGIS Studio Printing Designer as you open and preview ArcGIS Pro-based print layouts used in real-world web applications.
- Designing Layout Structure – Learn how print layouts are built and organized to produce consistent, professional printed output. Explore the structural components of a layout, including required layout bands, page properties, and margins, and navigate the Print Layout Explorer to understand how layouts are assembled. Apply practical layout design strategies that support clear, readable, and printable map outputs.
- Adding Layout Content and Dynamic Elements – Bring layouts to life by adding maps, text, and informational controls that turn a page design into a powerful printing experience. Learn how panels and nested panels organize content, how parameters make layouts dynamic and reusable, and how to test layouts using preview and live execution. Understand the requirements for using print layouts in both VertiGIS Studio Web and ArcGIS Experience Builder applications.
- Map Output and Multi-Page Printing – See how print layouts are transformed into final printed output and learn how different map output strategies affect what users receive. Compare current extent and fixed scale printing, understand

the differences between print layouts and layout packages, and explore advanced multi-page techniques such as grid-based printing and printing along a line for corridor-style maps and large geographic areas.

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

- Fundamental knowledge of VertiGIS Studio technologies.
- Basic understanding of mapping principles.
- Familiarity with creating and sharing content in ArcGIS Online or Portal for ArcGIS.
- Knowledge of building apps in VertiGIS Studio Web.
- Experience with VertiGIS Studio Reporting concepts is helpful.
- We recommend using two monitors for an ideal learning experience.