

VertiGIS Studio™

Introduction to VertiGIS Studio Mobile

Product: VertiGIS Studio Mobile

Skill level: Starter

Duration: 2 days (instructor-led)
3 days (self-paced)

Cost: \$960

Terms & Conditions:

Click [here](#) to review our training policies.

Overview

In this course, you will learn how to build VertiGIS Studio Mobile (VSM) apps that support efficient and effective management of field data. You will build a VSM app using out of the box features and task-specific workflows, refining the app to support field data collection. You will learn to create a custom mobile layout and apply your skills to building your own layout. Then you will learn to configure and use sideloaded basemaps. Finally, you will learn to deploy VSM apps and create a platform-specific app using a purpose-built self-signed security certificate.

Audience

Those who need to create mobile apps to support efficient and effective management of field data.

Topics Covered

Introduction to VertiGIS Studio Mobile

Explain how mobile apps support efficient and effective management of field data by performing these tasks:

- Explain the benefits of using VSM technology
- Describe the VSM architecture
- Describe how to launch the GVSM Designer
- Describe how to launch the VertiGIS Studio Go app

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Build Your First VSM App

Build a simple mobile app using the VSM Designer by performing these tasks:

- Describe the characteristics of Designer components
- Describe the steps to build a VSM app
- Build a mobile app using VSM Designer
- Describe the features of the Mobile Field Worker scenario
- Identify functional requirements of a VSM app

Refine the VSM App using ArcGIS Map Viewer

Configure Web Map features using ArcGIS Map Viewer by performing these tasks:

- Describe how to configure map layers using ArcGIS Map Viewer
- Refine the Web Map
- Refine the Parks layer
- Refine the Trees layer
- Refine the Pests layer

Compare Built-in Features with Task-specific Workflow Functionality

Compare built-in features with task-specific workflows by performing these tasks:

- Describe how to add an existing workflow to a VSM component
- Compare built-in to workflow functionality using a simple task
- Compare built-in to workflow functionality
- Describe how to create a workflow from a template
- Compare built-in to workflow functionality using a moderately complex task
- Compare template workflow with task-specific workflow functionality

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Configuring Mobile Layouts

Configure VSM layouts by performing these tasks:

- Describe the features of a mobile layout
- Configure layout functions using nested and ordered components
- Describe how to position components in a layout
- Position components in a layout
- Apply your layout positioning skills
- Configure a VSM App with components

Use Map Areas in VSM Apps

Use map areas to support offline VSM Apps by performing these tasks:

- Describe how to create map areas for VSM apps
- Create map areas for a VSM app
- Describe how to use map areas to manage offline data
- Use map areas to manage offline data
- Describe how to configure sideloaded basemaps
- Add sideloaded basemaps to map areas

Deploy Production VSM Apps

Deploy production VSM apps by performing these tasks:

- Describe how to deploy a VSM app
- Deploy a VSM app to production
- Describe how to build a platform-specific VSM app
- Build a VSM app for the Windows OS

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.

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Prerequisites and Recommendations

- Knowledge of VertiGIS Studio Workflow technology
- Have built Web Maps with map services and popups in ArcGIS Online or Portal for ArcGIS
- Manage map services using ArcGIS Server, ArcGIS Online, or Portal for ArcGIS
- Knowledge of AGOL Map Areas
- Knowledge of the role signing certificates play in mobile app deployment
- Test your system to ensure the virtual machine you will be using during training can run successfully
- We recommend using two monitors for an ideal learning experience