

VertiGIS Network Explorer

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

Overview

This 1-day, web-based training course provides you with the knowledge you need to use a VertiGIS Network Explorer app for exploring, analyzing, and asking questions of your network. By working with different utilities through various scenarios, you will learn how to locate assets on a map, perform a network trace, and generate reports. You will search for saved network diagrams and see how the diagrams and map are connected. Interactive tools will be used to add your own markup and notes to the map, which will then be shared with others as a project or printout. At the end of the course you should be comfortable using the app in the office or out in the field.

Audience

Those in any industry who want to learn how to use VertiGIS Networks to visualize, understand, and investigate utility data in any domain (gas, electric, water, wastewater, stormwater, telecommunications, fiber, etc). If you need to answer questions like where is an asset, how many are there, or what is surrounding it, this course is for you!

Topics Covered

Day 1

- Network Explorer – An introduction to the VertiGIS Network Explorer tools and capabilities. Get acquainted with the Network Explorer interface. Describe some key features and advantages of using Network Explorer as a modern network management tool.
- Working with the Map – Learn the map navigation tools. Discover how to find what the symbols in the map mean and how to hide or show them in the map. Interact with the map to get detailed information about a particular asset. Search for assets or locations using specific criteria and sophisticated queries. Identify asset groups and types.
- Viewing Data – Work with tabular data and see active assets highlighted in the map. Limit the data in a table by implementing different filter methods on field values or using map selection tools like a line buffer. Find additional assets by association. View charts and schematic diagrams and experience how they are connected to the map.
- Tracing – Discuss situations when a trace is used, such as when a leak occurs, and you need to know what is affected and how to isolate it. Identify some common trace operations. Use starting points and barriers in a trace. Learn steps needed to perform a trace when you are out in the field and offline.
- Adding Markup and Sharing – Add your own location notes and redline markings on the map. Create a PDF of the current map including any markup. Refine and filter the data you want and then export it for use in other applications.

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 using a web browser on a desktop computer or mobile device is an asset.
- Previous GIS experience is helpful, but not required.
- We recommend using two monitors for an ideal learning experience.