

Bentley Electric Fundamentals V8i

Products Covered: Bentley Electric

Target Audience: Designer; Drafter; GIS Market Analyst; GIS Specialist

Course Description:

The lessons in this course are designed to introduce the user to Bentley Electric. Bentley Electric leverages MicroStation and Bentley Map GIS technology to provide the basic functions necessary to model and maintain facility asset information in a GIS for electric distribution systems. While Bentley Electric is designed to be data model independent, the material focuses on use of the standard data model developed Bentley Systems, Inc. The key features explored include Place, Edit, and Trace of electric GIS features. At the conclusion, the student will have a clear grasp of Bentley Electric's approach to model and maintain electric distribution system asset information.

Learning Objectives:

At the end of the course students will be able to:

- Understand the basic functionality of Bentley Electric
 - Navigate the user interface of Bentley Electric.
 - Understand network modeling considerations with Bentley Electric
 - Place electric features
 - Edit electric features including properties, connectivity and Children
 - Validate the Network
 - Set Network Trace Options
 - Use stop conditions with a trace
 - Trace the network
-

Course Topics:

- Bentley Electric Overview
 - Place and Edit Features
 - Network Tracing
-

Course Details:

Course Prerequisites:

- Familiarity with MicroStation V8i concepts, terminology, and functionality including element creation, modification, manipulation, and AccuSnap.
 - Working knowledge of Bentley Map functionality including map manager, interoperability functions, and print preparation.
 - General knowledge of electric network terminology as it applies to electric network asset management.
-

Learning Units: 8

Display LUs in: hours