



Training Syllabus OSPM-Edit Advanced for MapInfo

OSPM-Edit Advanced Training is for the experienced OSPM-Edit users who desire to expand their skills pertaining to the functions and tools available in the software. Experience in MapInfo Professional, the mapping portion of the software and street data is preferred. You will review some basic functionality of OSPM-Edit; however, the majority of the course focuses on how you can use MapInfo Professional features to enhance your use of the OSPM system and utilize the information contained therein. The course consists of three days of hands-on training.

Pre-requisites:

- Experience using OSPM-Edit and having completed OSPM-Edit basic training;
- Experience using MapInfo Professional software;
- Knowledge of Windows 98, Windows 2000, Windows XP, or Windows NT;
- Telecommunications terminology for outside plant installation.

Introduction

A brief introduction to OSPM-Edit, information about Customer Support Services, and introduction to Help and Windows Basics.

Components of the OSPM Network Management System

Describes the various components of the OSPM network management system, the various program files and how they are related, how to install OSPM on a network and a discussion about the golden directory.

StreetPro Files and Workspaces

This discussion includes an explanation of how StreetPro files are named and the information contained on each layer. You will also learn how to create advanced workspaces including double-sided streets to enhance your background drawing. StreetPro AutoLoader, Workspace Packer, and Geoset Utility will also be introduced.

Splicing, Terminating Fibers and Patching

You will learn advanced methods of splicing and terminating fibers including how to use pigtailed, how to terminate in multiple frames, how to name fiber groups, and how to use the bridge tap and splitter features. You will also learn how to patch fiber using the patch Editor and patching in the Fiber Panel.

Tracing Map Objects

You will learn how to use the MapInfo trace feature to trace existing map objects to help you create your OSPM network model. You will learn about the Snap to Node feature, how to trace an object, setting a snap tolerance, and using the Autotrace feature.

Building Footprints

You will learn how to create a building footprint that represents the size and shape of a building in an aerial photograph, cad drawing, etc., and how to associate that object to the OSPM database.

Custom Labels and OSPM Data Linker

You will learn how to create a map layer for custom labels, how to place the labels on the layer, and save your workspace. You will also learn how to use the OSPM Data Linker.

Associating Images

You will learn how to associate raster images to enhance your OSPM network model including general information about raster images, geo-referencing raster images, and how to register the images. You will learn how to determine coordinate points from a paper map and from a screen. You will also learn how to add an aerial photo to your workspace, and how to use the MapInfo Universal Translator.

Generating Points

Generating points is a MapInfo function that creates a series of points on the map based on a spreadsheet (table) containing X and Y coordinate information. This is a useful tool for placing numerous objects accurately on your map, such as access points, buildings, and poles. You will learn how to generate points, create points in a projection, and how to geocode objects based on addresses.

Select and SQL Select

You will learn query techniques to better utilize the information generated in OSPM lists and reports.

Creating a Custom Thematic Map

You will learn how to create thematic maps using OSPM data.

OSPM-Integrity Check

You will learn about the OSPM-Integrity Check and the various reports generated using OSPM-Admin. An explanation of each report is presented. You will learn how to identify network connectivity problems, how to add data such as zip codes and X & Y coordinates from the map, how to check object relationships, re-calculate cable span lengths, identify null values in the database, check splicing and terminations, and more.

Advance Fiber Optics, Inc.
871 West Robinson Drive
North Salt Lake, Utah 84121
Phone 801-936-0970
Fax 801-936-0977
info@advancefiber.com