



Training Syllabus OSPM-Edit for ESRI

This syllabus outlines the content of the four-day basic training course for OSPInSight's OSPM-Edit software program. Each training day is approximately eight hours in length including two fifteen minute breaks and one hour for lunch. You will learn how to use the various features in OSPM-Edit while creating a network model from scratch.

We strongly recommend that you know the basics of your operating system: Windows 98, Windows 2000, Windows XP or Windows NT and that you be familiar with basic telecommunications terminology for outside plant installation. It is also helpful if you are familiar with the basics of navigating within the ESRI ArcEditor environment.

Day 1

Introducing OSPM-Edit

A brief introduction to OSPM-Edit, information about customer support services, and introduction to Help and Windows Basics.

Getting Started

Guide for installing OSPM-Edit and how to register the product.

Components of OSPM-Edit

Introduction to the basic program files and how they are related. You will learn how to install OSPM as stand-alone or in an enterprise-wide deployment. You will learn how to name files and follow a backup procedure. OSPM-Edit objects representing structure and materials are defined.

Data Gathering and Verification

Discusses the importance of accurate data gathering and input into the system. A data gathering and verification procedure is introduced. Data gathering and verification procedures are recommended.

Understanding and Using ESRI ArcEditor

A brief discussion of how ESRI ArcEditor works in relation to OSPM-Edit. You will also learn how to create an .mxd file to use as the background for your fiber network, how to create a fiber.mdb geodatabase.

Setting Up OSPM-Edit

Introduces the Startup window. You will learn how to setup passwords, create new networks, add existing databases to the available network list, modify the database setup, and how to designate a golden directory. You will also learn how to load a network to begin working with OSPM-Edit, how to load OSPM-Edit Object Layers, and how to use the OSPM-Edit Style.

OSPM-Edit Main Window

This portion of the training introduces the OSPM-Edit main window including menus, toolbars, tree view, and the More Info display. You will learn how to group and display objects in tree view, order fields in the More Info Display, and see relationships in tree view. You will learn how to find and view information contained in the database and on the map – in essence how to “mine for data.”

More Info Feature

Introduces you to the features and screens that are accessed using the More Info feature.

Day 2

How to set Display Options, Add a Prefix, Define Dropdown Lists, and Set Default Values in Editor Windows

Explains how to set Display Options, define the prefix attached to the names of splice points/enclosures, fiber panels/frames, access points, poles and duct banks. You will learn how to define items in dropdown lists, and how set field default values for Editor windows. You will also learn how to order selection lists.

How to Edit the Color Code

Discusses how to use the Color Code Editor to create fiber color codes.

Adding Hardware and Materials and Work Order Information

Explains how to add types of hardware and materials to the database. You will also learn how to enter Work Order information.

Creating a Building

Describes how to create a building, how to enter associated information into the Building Editor, and how to label the building.

Add a Distribution Panel/Frame

Describes how to add a distribution panel/frame to a cable span; how to relate the frame to a building; and how to enter the associated information into the Frame Editor.

Add an Access Point

Describes how to add an access point (hand hole, manhole, pole location, vault, etc.), and how to enter the associated information into the Access Point Editor.

Add an Enclosure/Splice Point

Describes how to add an enclosure/splice point to the map and relate it to an access point.

Draw a Cable

Describes how to draw a cable on the map, and how to enter the associated information into the Cable Editor.

Add a Slack Loop

Describes how to create a slack loop at the end of a cable span; how to add a slack loop to an existing cable span using the sheath-opening feature; and how to enter the associated information into the Slack Loop Editor.

Add an Enclosure/Splice Point Using the Sheath Opening Feature

Describes how to add an enclosure to an existing cable span using the sheath-opening feature.

Day 3

Splicing and Terminations

Discusses how to splice fiber at a splice location (enclosure); and how to terminate fibers in the fiber distribution panel. You will practice splicing and using splitters. You will also learn how to terminate fibers in a fiber panel/frame, and about group names.

Patching Fibers Using the Patch Editor

Discusses how to patch fiber using the Patch Editor.

Adding Customers and Equipment

Discusses how to add new customer and equipment information. You will see how to attach fibers to equipment, to edit existing customer and equipment records, and how to enter information into the Customer/Equipment Editor.

Test the Build

Discusses how to test the build. Explains the information displayed in the Fiber Distribution Panel; how to find a fiber route, find a fault, attach OTDR traces to a fiber, add loss measurement information to a fiber, and how to export information.

Day 4

Adding Poles

Discusses how to add a pole including pole attachment information. How to designate an installed pole as a template, and how to install multiple poles along a selected route.

Adding Duct

Discusses how to add a duct bank including superduct and innerduct. You will also learn how to use the innerduct connector feature and display innerduct routes.

How to Relate External Documents

You will learn how to relate documents to OSPM and ESRI ArcEditor objects. You will learn how to attach OTDR trace files to fibers in the fiber panel and record loss information. You will also learn how to open or view external documents in their native formats.

Network Editing – Making Changes using the Network Edit Tool

Explains how to make editing changes in OSPM-Edit including how to set up object labels to facilitate network editing. You will learn how to disconnect a cable segment from a slack point and connect it to a different slack point; how to disconnect a cable segment from a slack point and connect the segment to a termination point or splice point; and how to disconnect a cable segment from a termination point and connect the segment to a different termination point. You will also learn how to disconnect a cable segment from a termination point and connect it to a splice point; how to disconnect a cable segment from a splice point and connect the segment to a different network object (splice point, termination point, or slack point); and how to disconnect a cable segment from a slack point and move the segment to another position on the map.

Lists

Introduces the various lists available in OSPM. You will learn how to access a list, perform queries, add new or edit existing records, delete records, set field defaults, map objects in a list, print a list, export lists to an external file, and how to close the list screen.

Reports

Introduces the various reports available in OSPM.

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