

PTV VISSIM - BASIC

INTRODUCTION

Introduces users to Vissim for traffic engineering applications

SHORT DESCRIPTION

In our in two day Vissim Introduction course, you will learn the basic functionality of Vissim. At the end of the course you will be able to independently build basic network models and perform common evaluations. In addition, you or your staff will learn how to conduct high quality and efficient traffic studies using the microscopic simulation software, Vissim.

TARGET GROUP

Traffic engineers and planners from the public and private sector who want to gain the knowledge to successfully perform microsimulation projects in Vissim, whether new to the software or looking to increase the efficiency of a basic skill set.

PREREQUISITES

No prerequisites

CONTENTS

Day 1:

- Understanding the basics of simulation
- Background images and graphics
- Developing Vissim Networks
- Vehicle volumes and routing
- Speed control
- Fixed time and actuated signal control with RBC
- Right-turn on red
- Unsignalized control with conflict areas and priority rules

Day 2:

- Which evaluations are useful and can be performed efficiently?
- Modeling basic transit operations (4)
- Basic freeway setup
- Driver behavior model calibration
- Creating 3D animation and video
- Model import from Visum and other traffic software platforms

PRICE

See specific event page and training policy for details.

DURATION

2 days

PDH CREDITS

14 hours

SOFTWARE REQUIREMENTS

(4) – V4 license level