Archive – Technical Training

Autodesk Topobase Client

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Chapter Overview

- In this chapter, you will learn how to use Workflows for acquisition and analysis.

- You will trace logical topologies with a workflow and with the network tracer, using a predefined tracing template.
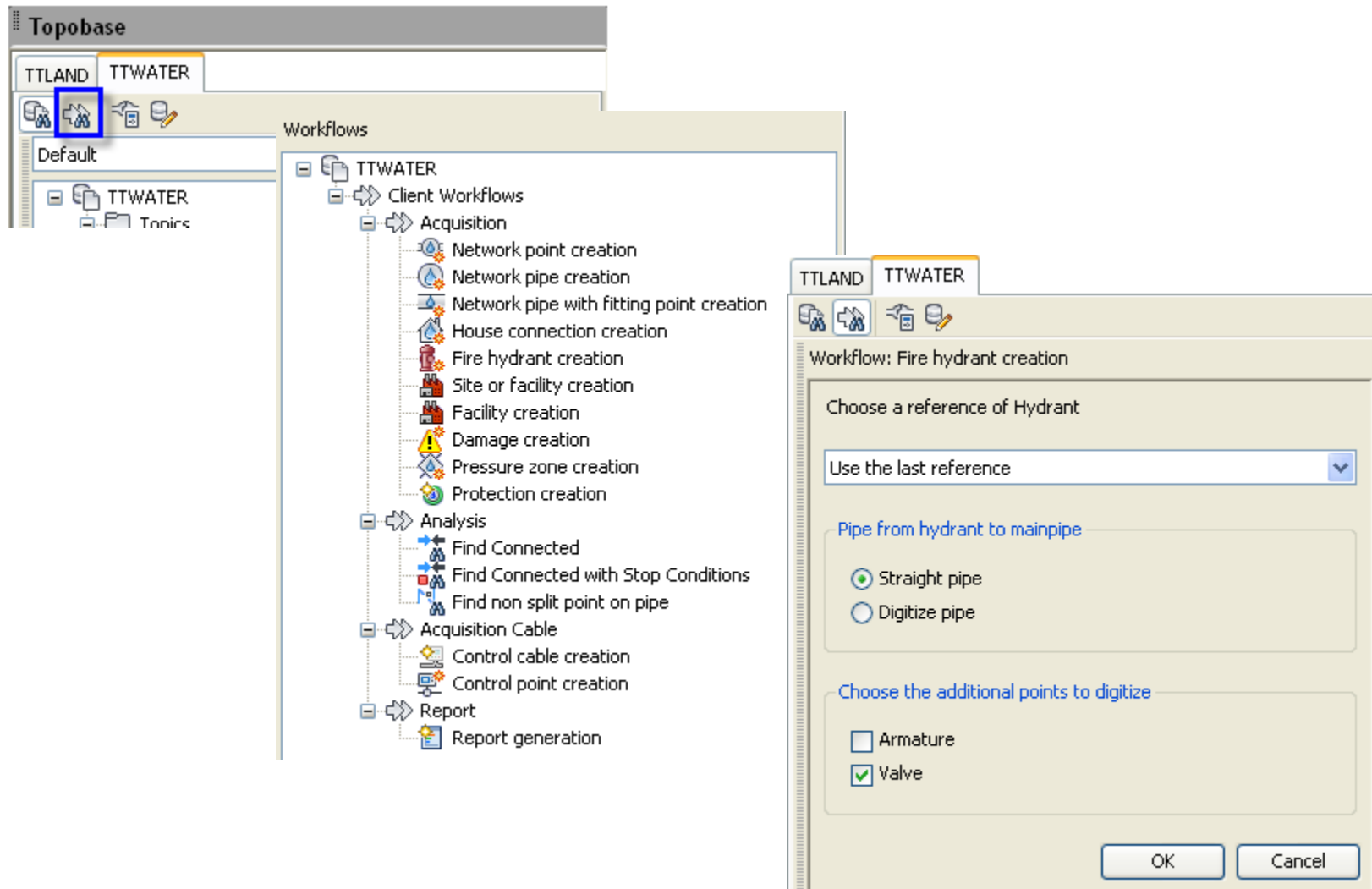
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Workflows and Tracing

Chapter Objectives

- By the end of this chapter, you will be able to:

  - Describe what is a workflow in Topobase
  - Use workflows for acquisition
  - Describe which analysis workflows are available
  - Use workflows for network analysis
 - Use the network tracer to trace a logical topology

4.1.1 What Are Workflows?

- A workflow is an explicit prescription of how a process is to be structured and executed.
  - The value of a workflow is that it can increase the quality and repeatability of a task by controlling how the task is done.

- Topobase provides workflows to guide users through tasks like:
  - Acquisition
  - Analysis
  - Maintenance
  - Reports

4.1.2 Use an Existing Acquisition Workflow
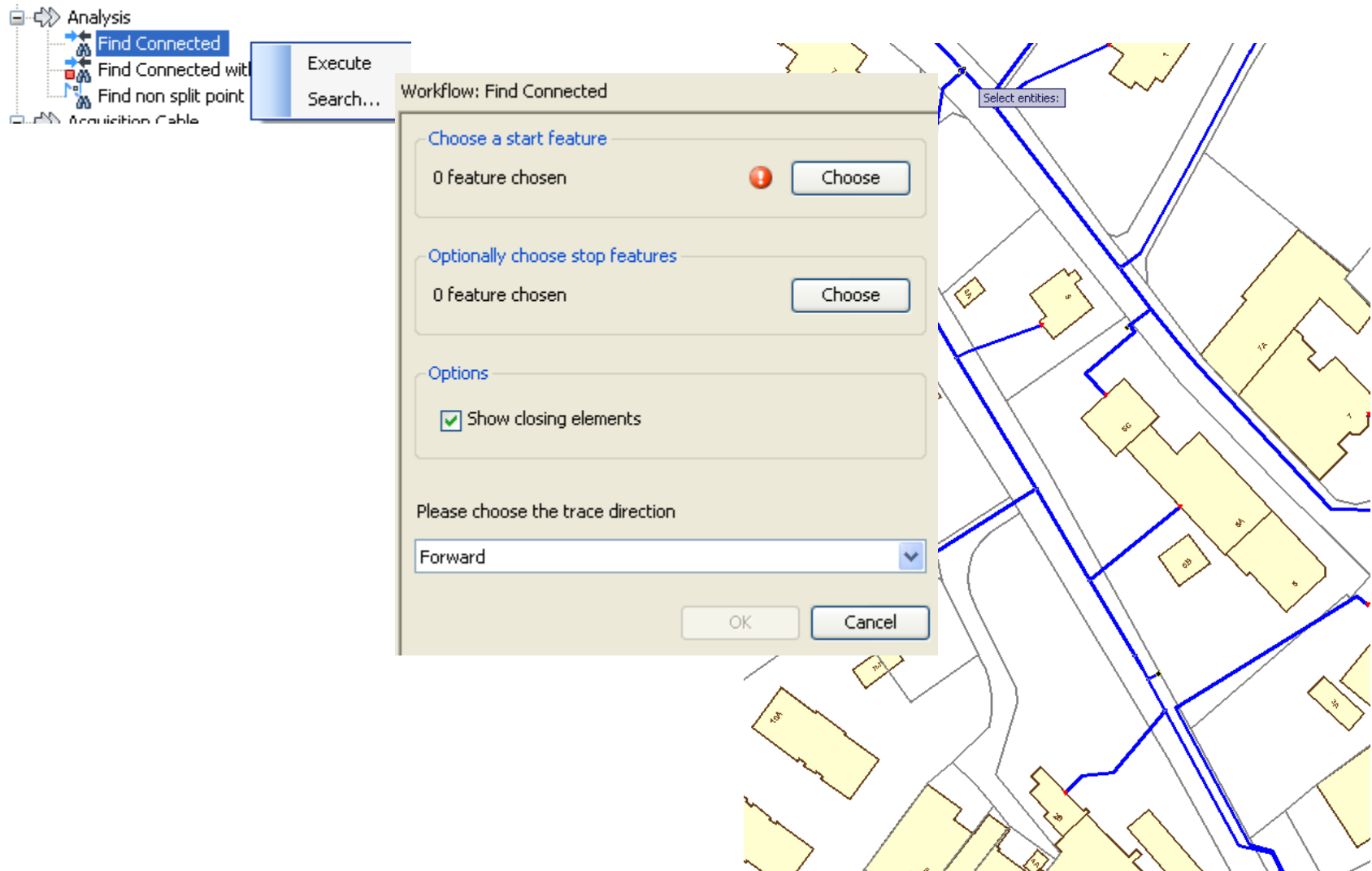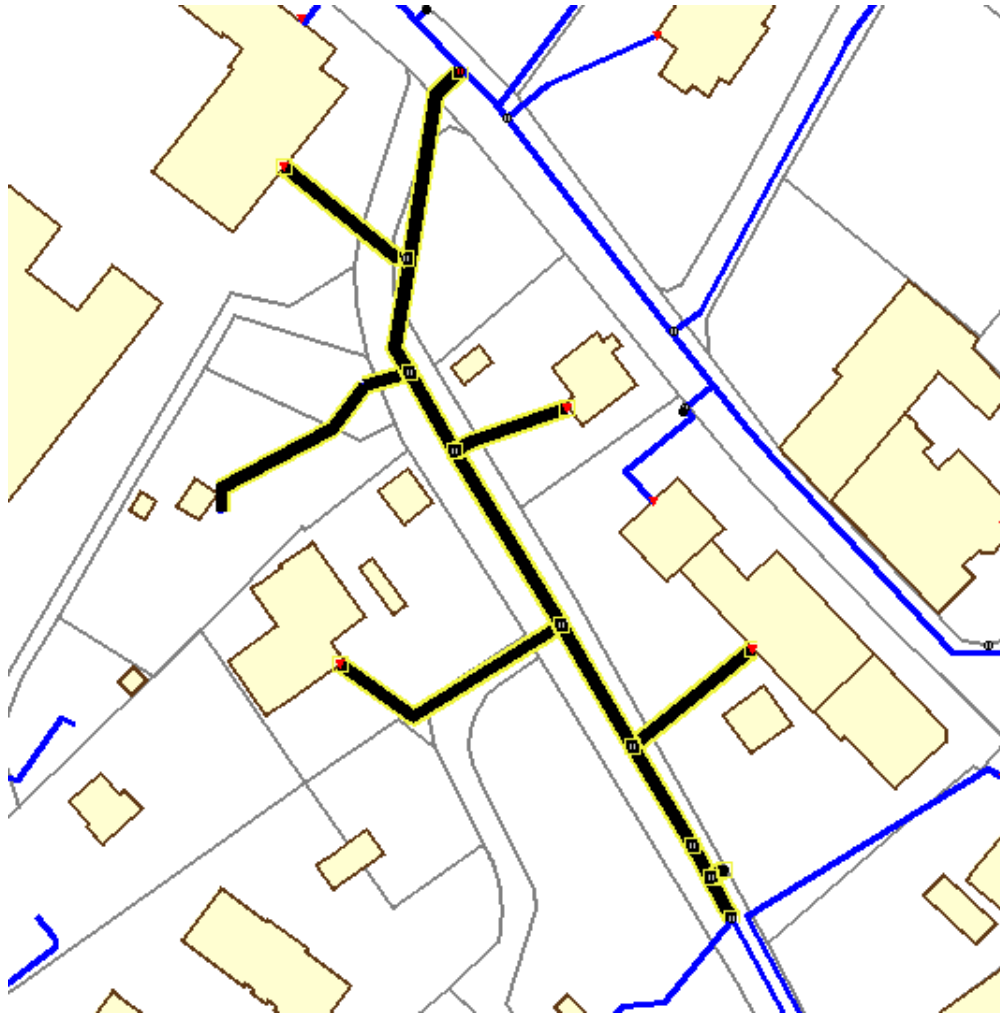
4.1.2 Use an Existing Acquisition Workflow +
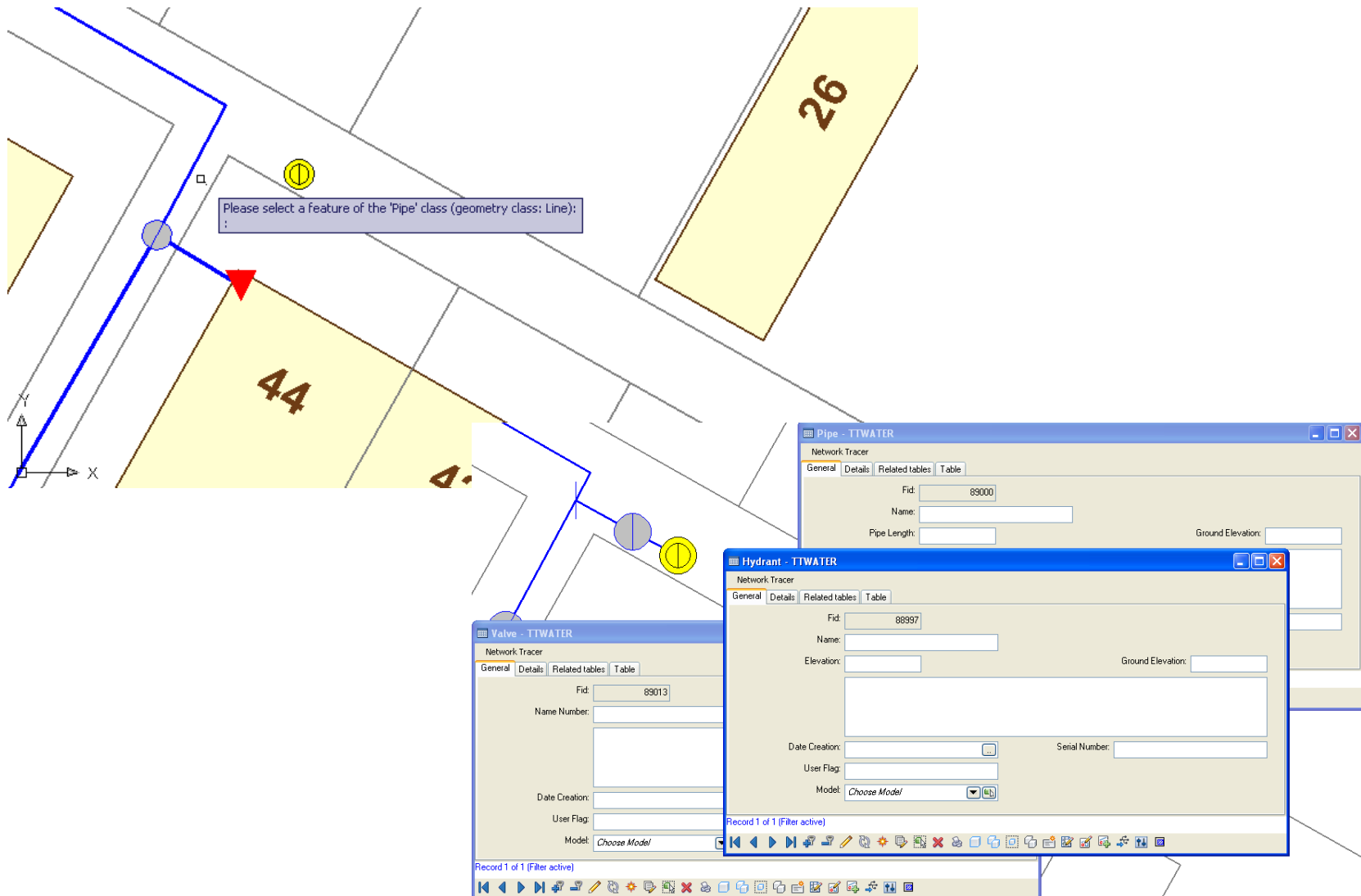
4.1.3 Use an Existing Analysis Workflow

4.1.3 Use an Existing Analysis Workflow +

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4.2.1 Logical Topologies—Overview

- Autodesk Topobase logical topologies support both spatial and attributive connectivity.

- You can define tracing templates for the topology feature classes. The following functionality is available:
  - Shortest Path
  - Minimum Spanning Tree
  - Reachability
  - Cycle Detection

- Logical topology analysis (tracing) can be performed either within predefined workflows or manually using the Network Tracer.

4.2.2 Network Tracer
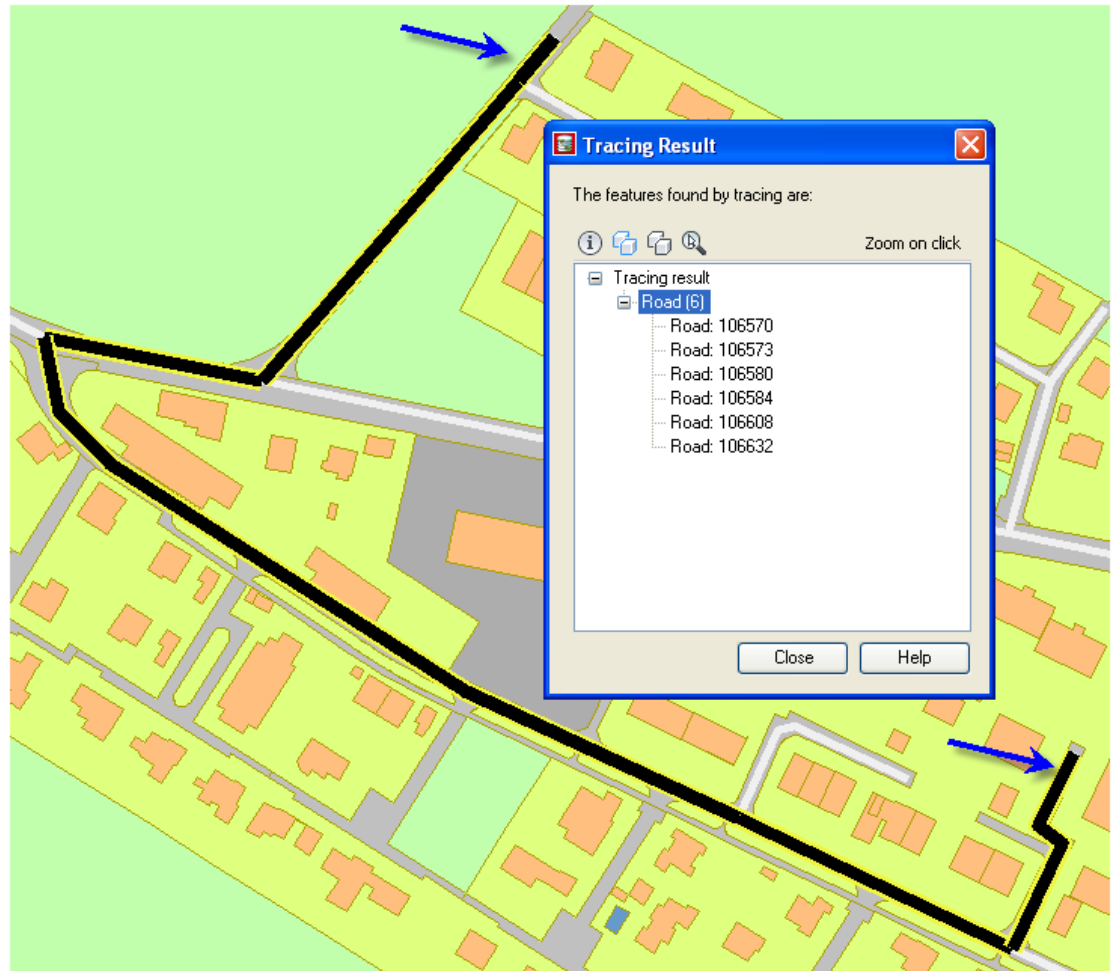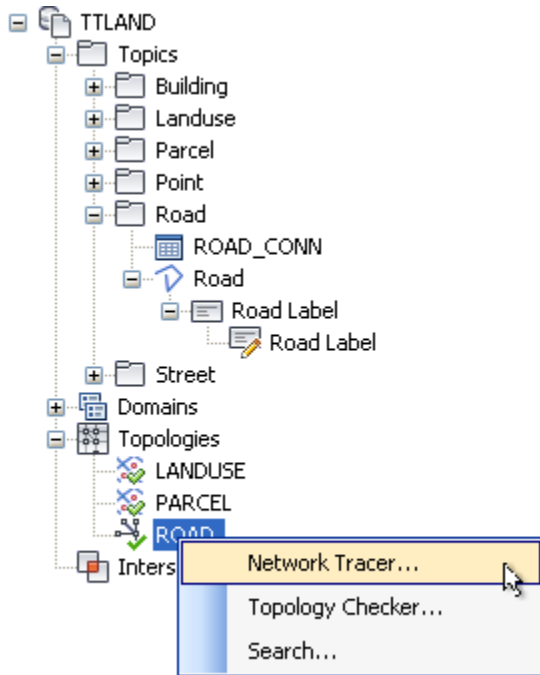
4.3 Chapter Summary

- You should now be able to:

  - Describe what is a workflow in Topobase
  - Use workflows for acquisition
  - Describe which analysis workflows are available
  - Use workflows for network analysis
  - Use the network tracer to trace a logical topology

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