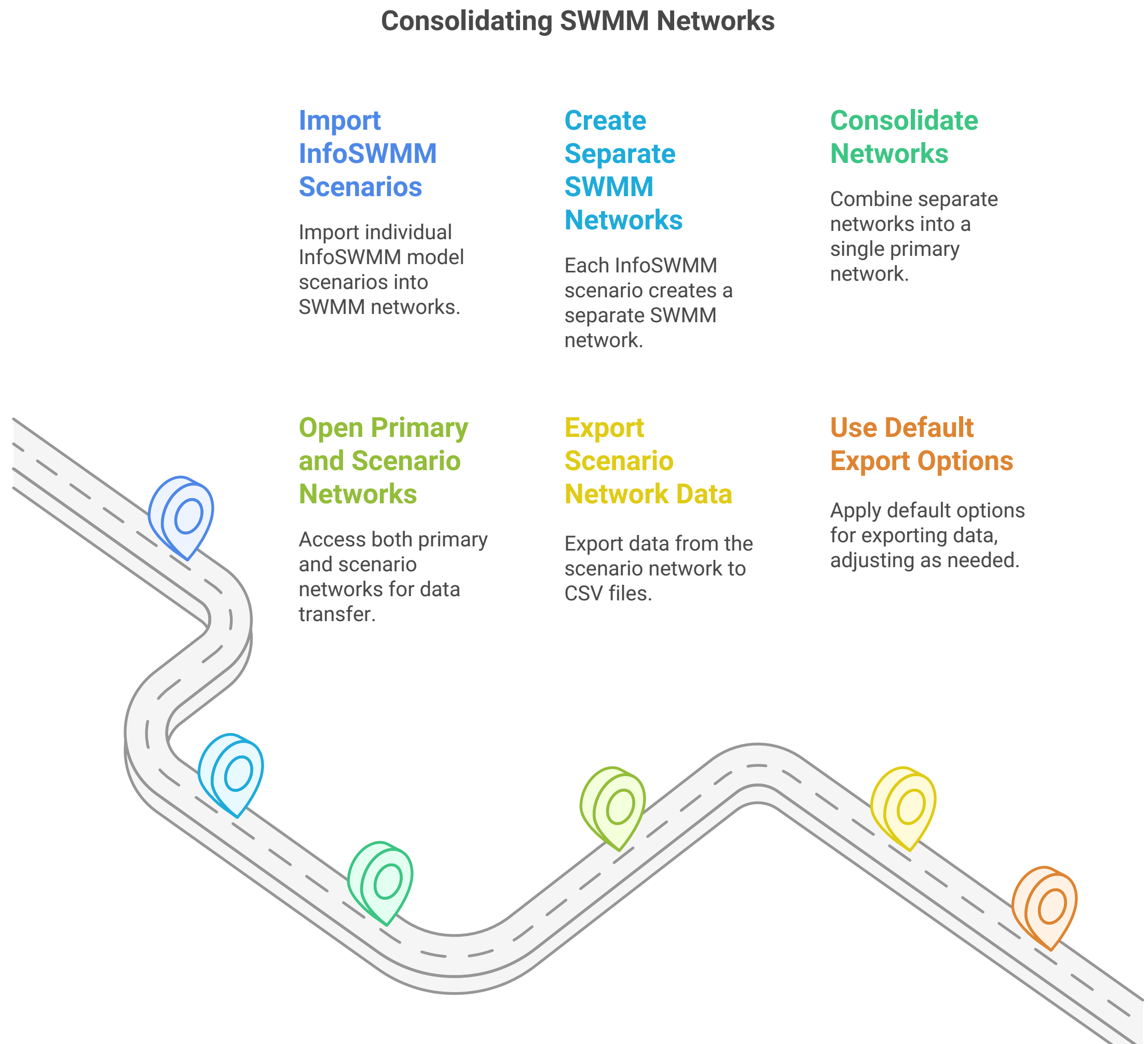


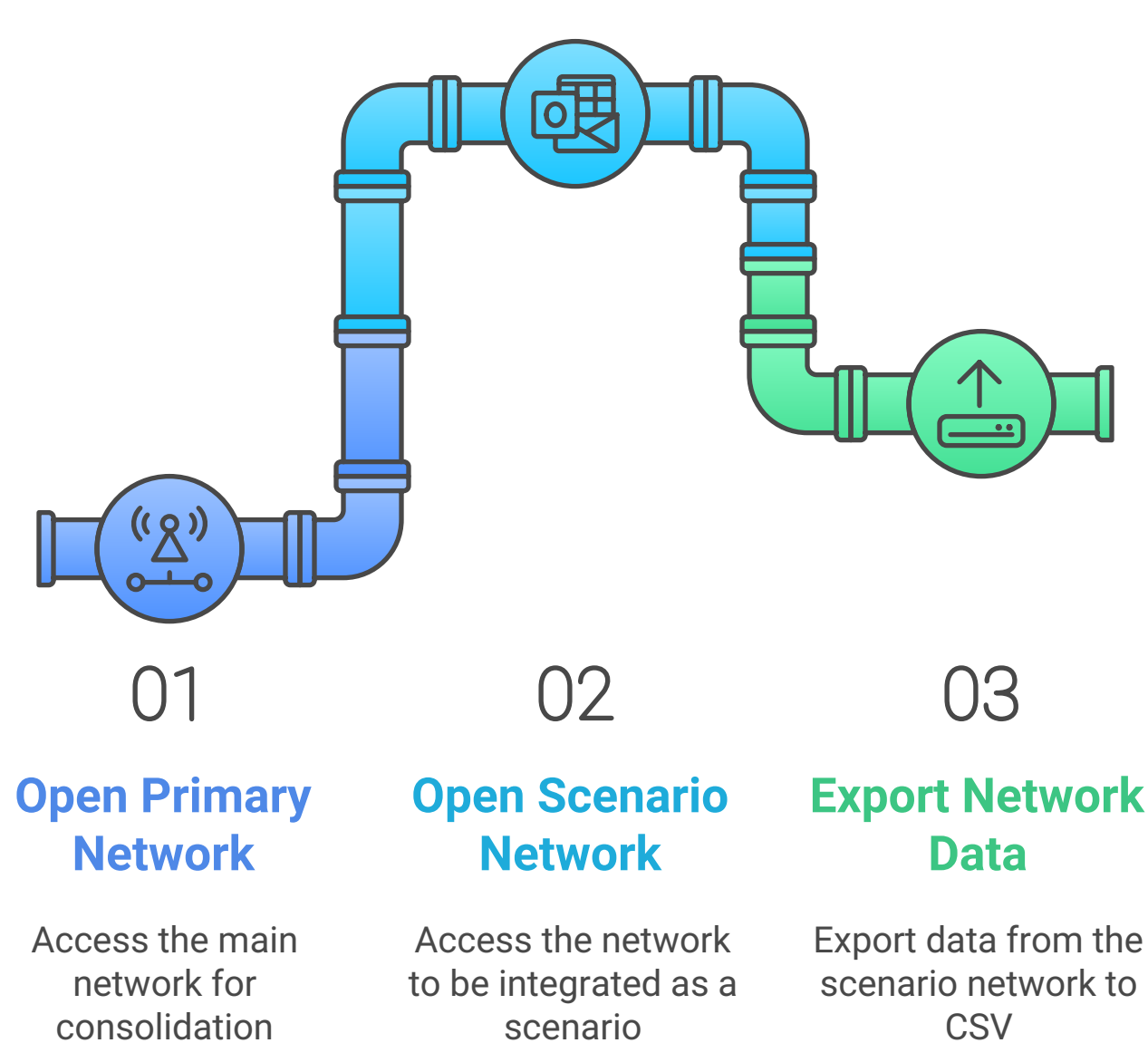
Consolidating Multiple SWMM Networks into a Single Network with Scenarios in InfoWorks ICM

Individual InfoSWMM model scenarios can be imported to SWMM networks in InfoWorks ICM. Using the importer, a separate SWMM network is created for each selected InfoSWMM scenario. It is sometimes desirable to consolidate the networks into a single primary network with scenarios. The data from a single SWMM network can be copied into another SWMM network as a scenario as follows:



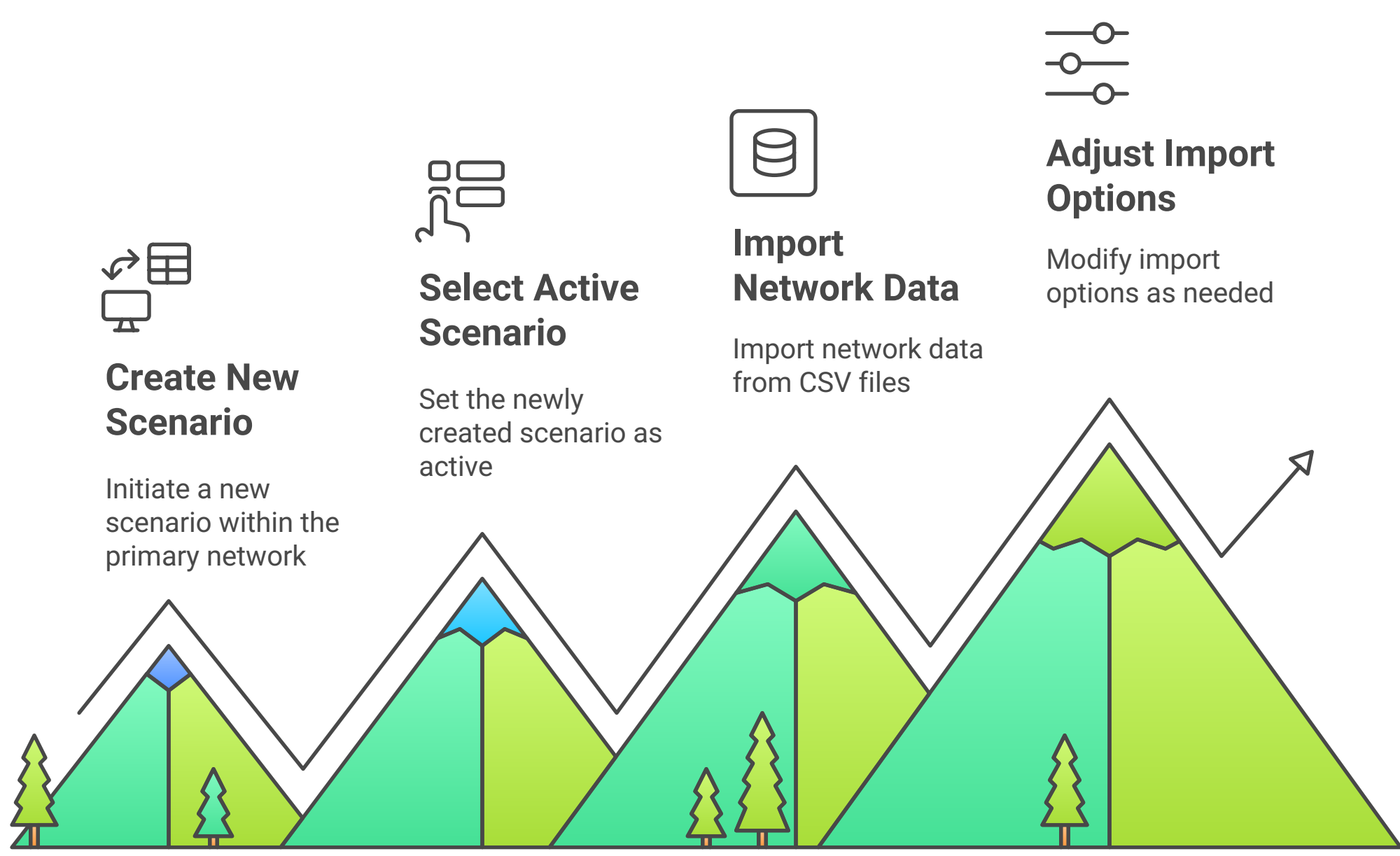
1. Open both the SWMM network designated to become the primary network (primary network) and the SWMM network designated to become a scenario (scenario network).
2. Export network data from the scenario network (Network > Export > to CSV files...). On the 'Select CSV Export Options' dialog, it is recommended to use the default options (adjust as needed for your specific dataset):

Consolidating SWMM Networks into a Primary Network



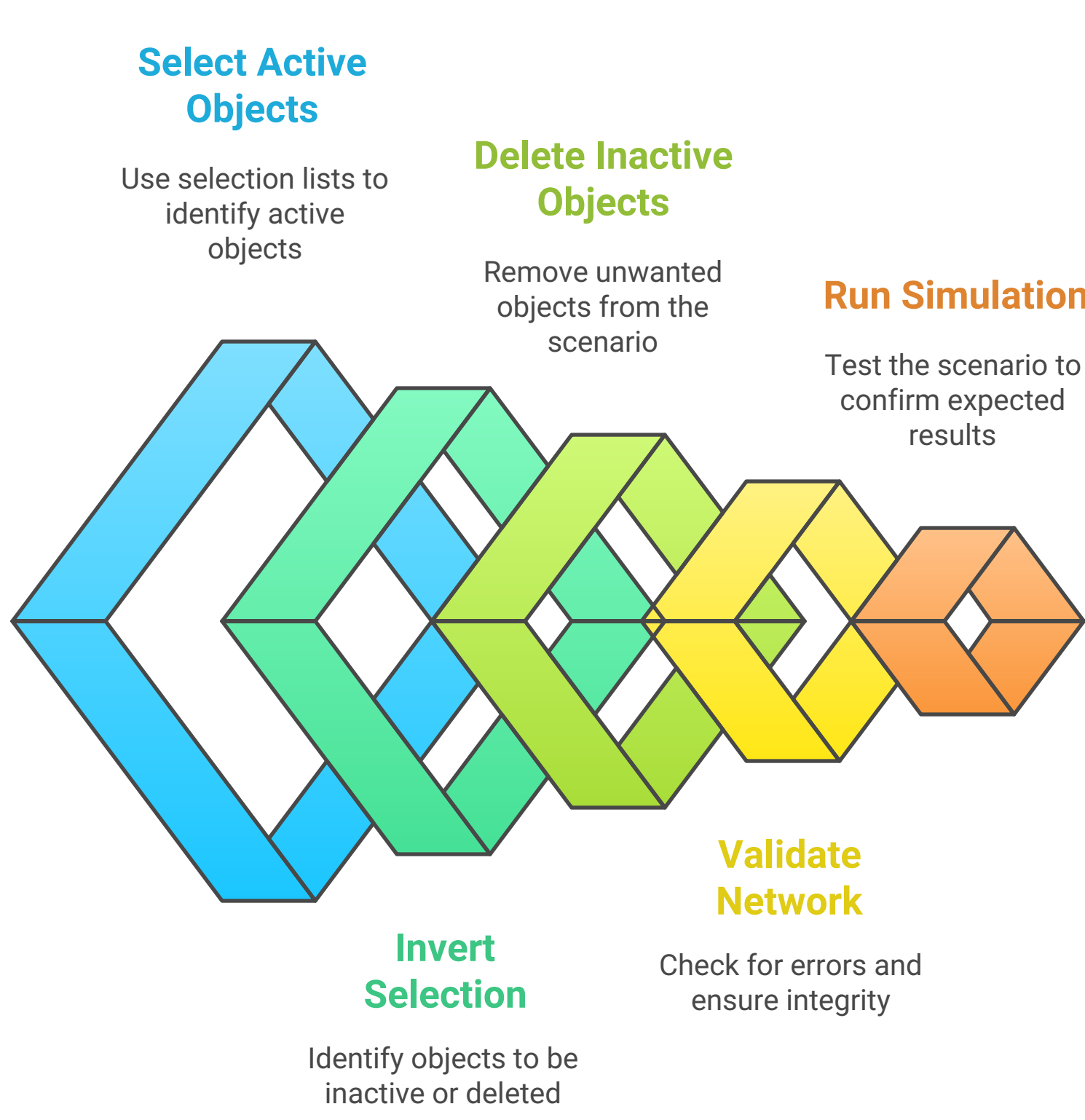
3. Create a new scenario within the primary network ([Help | Scenarios | Autodesk](#)). Select the newly created scenario such that it is the active scenario.
4. Import the network data from the scenario network (Network > Import > Update from CSV files...). On the 'Import/Update from CSV Data' dialog, it is recommended to use the following options (adjust as needed for your specific dataset):

Scenario Creation and Data Import in InfoWorks ICM



5. If the scenario network should contain only a subset of the objects contained in the primary network, the selection lists created in the import process can be used to define the "active" objects in the scenario. Within the newly created scenario, drag the corresponding selection list onto the GeoPlan, which will select the objects that should be "active" for the scenario. Invert the current selection to select objects that should be "inactive" (deleted) from the scenario. Verify that all selected objects should be deleted, then delete.
6. Validate the scenario network and correct any errors.
7. Run a verification simulation using the scenario network to confirm results are as expected.

Refining Scenario Networks in InfoWorks ICM



delete.It is important to note that while scenarios can be consolidated into a single network, the functionality of scenario management in InfoWorks ICM differs from InfoSWMM. Most critically, changes made to the Base network will trickle down through the scenarios unless certain criteria are met. Changes made to a scenario will have no impact on other scenarios or the Base. ([Help | Scenarios | Autodesk](#)).

Understanding Scenario Management in InfoWorks ICM

