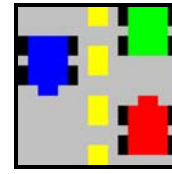


WatsonOD



WatsonOD

A sample application of *WatsonOD* is illustrated below for an eight node (three origin, five destination) freeway network. The origin-destination distribution is probabilistic and the matrix results are provided in a *VISSIM*TM input file format.

WatsonOD Excel toolbar icon → Click to activate the WatsonOD Wizard.

WatsonOD Wizard → Enter basic network information such as the number of origins, destinations, and time periods (i.e., eight 15-minute periods.) The user may also define the network type, distribution type, simulation input type, and select the chart option.

Assumptions → Enter basic assumptions required for the OD matrix and simulation input type.

Vehicle Count Data → Enter node numbers, node types (freeway entry, on-ramps, off-ramps, freeway exit) and vehicle count for the analysis periods.

Customization Table (optional) → Customize the OD matrix by entering user defined trip pair volumes (i.e., limit excessive left turn volume.)

Origin-Destination Matrix → Generate the OD matrix for each period.

Simulation input file → Copy and paste file directly from Excel into a simulation input file.

Chart (optional) → View the network configuration and flow volumes.

- WatsonOD** features many user options:
- Networks**
 - Urban
 - Freeway
 - Distributions**
 - Deterministic
 - Probabilistic
 - Custom
 - Simulation Files**
 - Custom*
 - Generic
 - *INTEGRATION*TM
 - *VISSIM*TM
 - Optional Features**
 - OD Customization
 - Chart

WatsonOD is not endorsed or supported by the owners of *Excel*, *INTEGRATION*, *VISSIM* or other software. *WatsonOD* is not a part of these software and their respective owners bear no responsibility in the use of *WatsonOD* with their software.

*** Custom versions to generate OD files for other traffic simulation and planning models can be developed upon request.**

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