Vissim Software (Full Version)

RFx No. 6100001278 (Reference No. 1000029021)

Software Specifications

PTV 1 network -Tutor License for the period of 5 years - 2 users
PTV 1 network-Cass room license for the period of 5 years - 30 users

Vissim is a multimodal traffic simulation software. PTV Vissim digitally reproduces the traffic patterns of all road users.

Specifications:

1	Simulate multimodal traffic	Integrate all modes of transport
2	Flexible and seamless integration	APIs and interfaces to external software providers
3	Sophisticated motion model	Consider regional and cultural differences
4	In-depth traffic simulations	Create microscopic, mesoscopic or hybrid simulations
5	Convincing data visualization	Realistic simulation and comprehensive 3D visualizations
6	No scripting	Intuitive interface that may /may not require scripting
7	Vehicle simulation	Realistic simulation providing capacity analysis, delays, stops, accelerations. Flexible use of driving behaviors. Simulation of autonomous and connected vehicles
8	Pedestrian simulation	Accurate models of interaction with vehicles Crowd capacity and evacuation scenarios
9	Signal control analysis	Includes flow chart-based signal control logic
10	RBC	Full-fledged RBC controller
11	Parking analysis	Analyze parking behavior and use tool assisted car park creation
12	Efficient modeling	Powerful filters, lists and bulk changes
13	Reality checks	Time-saving aerial background maps
14	User experience	Friendly, customizable GUI layout

15	Custom-made modeling	Available with user-defined attributes, event-based scripts, attribute modifications, etc.
16	Versatility	Should model logistics centers, airport taxi queues, etc
17	Openness	Open data model: Inputs & outputs
18	Models Included	PTV Vissim (COM Interface, Bing Maps), VAP/VisVAP, Vissig, 3D packages (3DS max export and V3DM), Dynamic Assignment + Meso, Driving Simulator, SCATS Interface, SCOOT Interface, TRENDS Interface, LISA + OMTC Interface, API (signal.dll, driver.dll, emiss.dll)
19	Package should also be inclusive of	PTV Vissim corridor: Unlimited Network size, no. of signal controllers – 20 no. Modules Included: 3d package, Signals (basic (RBC Level 1 US Only)), Signals (Vissig + VisVAP + Balance + Epics (RBC Level 3 US Only), Synchro Import, Public Transport, COM (Event Based Scripts etc), Managed Lanes PTV Vissim Advance: unlimited Network size, Unlimited no. of signal controllers Modules Included: 3d package, Signals (basic (RBC Level 1 US Only)), Signals (Vissig + VisVAP + Balance + Epics (RBC Level 3 US Only), Synchro Import, Public Transport, COM (Event Based Scripts etc), Managed Lanes, Signals unlimited size, Meso, Dynamic Assignment. PTV Viswalk Size 1: Maximum of 10,000 pedestrians