



VR-Design Studio Training Guide

Below is a list of topics covered in the two day VR-Design Studio initial training course.

Editing Terrain and Location Settings

- Location settings
- WAP data
- Importing terrain
- Importing satellite imagery
- Dice street maps
- Adjusting terrain

Toolbar settings and Navigation

- Toolbar set
- Visual options
- Plan view
- Help files
- Weather functions
- Environment functions
- Navigation keys
- Improving performance
- Lighting features

Roads, Intersections

- Creating roads
- Creating lakes/shorelines
- Editing roads/vertical alignment
- Drive paths
- Creating intersections
- Intersection editor
- Traffic signals
- Building tunnels/bridges
- Editing tunnels/bridges
- Editing banking and cutting
- Road section editor
- Creating ramps
- Connecting roads

Importing 3D models

- Placing 3D models
- Loading 3D models
- Loading FBX models
- 3D trees
- Model editor
- Place roadside objects
- Grouping roadside objects
- Loading MD3 characters
- Edit MD3 characters
- Forum8 3D database
- Loading intersections
- Loading road sections
- 3D text
- Movable models

Traffic generation and simulation

- Editing traffic
- Drive on road
- Travel on road
- Load traffic profile
- Run traffic simulation
- Pedestrian simulation
- Creating flight paths
- Assigning MD3 characters to flight paths
- Road obstructions
- Fire and smoke

Scenario creation

- Scenario creation
- Scenario editing
- Scenario events and exit conditions
- Placing waypoints
- Playing scenarios

Miscellaneous

- Before and after views
- Creating AVI's
- 3D text
- Video wall
- Importing Shapefiles
- Importing Point Cloud data
- Eco Drive

VR-Design Studio Help files

There are extensive notes and tips on an array of topics within the VR-Design Help Files.

Technical Notes

- Coordinate system
- Terrain data
- Street map
- Road alignment
- 3D models
- FBX scene
- 3D text
- Weather effects
- 3D Stereo
- SIDRA
- Civil 3D data exchange
- Driving simulation
- Log Export Plug-in
- Exodus
- InRoads data exchange
- Land XML data exchange
- Shapefiles
- Micro simulation player
- EcoDrive
- Xpswmm
- Communications plug-in
- S-Paramics
- VR-Exporter
- Noise simulation

Support

- Upgrades
- Technical inquires

Drive Simulation Plug-in

- Installation
- Calibration
- Configuration of the 3 DOF motion platform Cockpit buttons
- Options
- Configuration of car dynamics
- Vibration waypoints
- CarSim settings
- Import & Export

Cluster function

- Setting up cluster function
- Master settings
- Client settings

Beginners Guide

- Work Flow
- Creating a new project

System Requirements and security

- System requirements
- Hardware security key
- Web Certification

Frequently Asked Questions

- System Requirements
- Error Messages
- Data Making
- Unicode Support

Forum8 Website System Support

www.forum8.com/system_support

The System Support page on the Forum8 website has excellent help and support topics including:

Partner Support

- How to become a Forum8 Premier Partner

User Support

- User information
- Upgrading your software
- USB Licence Key Drivers
- Forum8 support page

VR-Design Studio Support

- Product Features and Licence Prices
- Recommended Hardware Specifications
- Improving System Performance
- VR-Design Studio Car Physics
- Available Import and Export File Formats
- CarSim Linkage and HILS

Video Tutorials

- 28 Video Tutorials
- Editing, Terrain and 2D Plan View (6 videos)
- Roads, Intersections and Traffic Generation (4 videos)
- Traffic Micro-simulation (3 videos)
- Importing 3D Models (4 videos)
- Producing Scenarios (5 videos)
- Miscellaneous (6 videos)

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