

FORUM 8

3D Visual Interactive Simulation Specialists

Latest Forum8 Product & Application Overview

Some Plug-ins and Features...

- Pre-built 3D city models save a huge amount of time and money
- Many different sky textures (sky domes) are available



- G'Val is an interactive training system for highway & tunnel operators
- Seamlessly import Point Cloud data & Photo-logs
- Design rail systems using cubic parabola in horizontal curves
- Vehicles can drive off road and then rejoin the traffic on the road network
- Realistic pedestrian movement simulated individually and in crowds
- Publish interactive projects on the Cloud using VR-Cloud
- Flood simulation and analysis including a tsunami plug-in
- Change weather effects, time of day, smoke / fire particle & geo-location
- Software Development Kit (SDK)

More details of features and plug-ins here: www.forum8.com

Forum8 the Company

Established in 1987 the company's HQ and development centre is in Tokyo, with five other facilities in Japan. In addition the company has a Super Computer Cloud Research Laboratory in Kobe. Overseas offices are based in Shanghai, Beijing, Seoul, Sydney and London with a support centre in Phoenix and remote facilities in San Francisco and Paris. Forum8 also benefits from Partners in many countries worldwide.

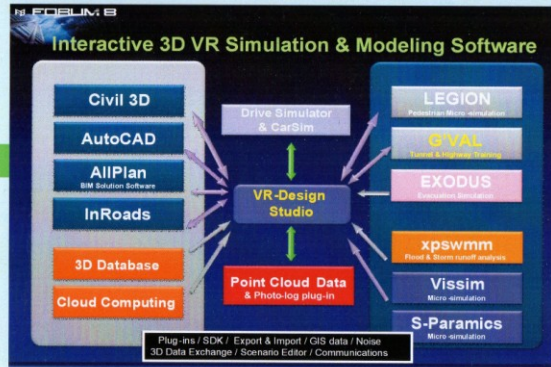
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Product Overview & Applications

VR-Design Studio is the ideal solution for a large number of different interactive visualization applications, including urban and transportation planning & design, consensus building & stakeholder consultation. It is used either on its own or to add value to other industry standard third-party 3D design & analysis systems, micro-simulation & modelling software and Lidar point cloud data.



Many Applications...

It is also used extensively in the interactive visualisation of rail, road and pedestrian-based situations and environments, including evacuation analysis, emergency and security planning, flood modelling, road safety & vehicle research, as well as classroom applications such as tunnel & highway operator training.

Due to the high visual quality of the software, its ease of use and high level of interactivity, it has become a popular basis for many Driving Simulators worldwide. From University human factors research centres to vehicle manufacturers such as Honda, Nissan, Toyota and Subaru.



The company's development philosophy for VR-Design Studio has two parallel paths. The first is to simulate the real world as accurately as technically possible. This includes being able to reproduce and control every conceivable environmental effect from rain, wind, snow etc. including time of day and geographic location. The software also allows the user to depict shadows and lighting in a realistic way, including street lights, car headlights and internal building lights.

Road traffic can be set and managed in terms of vehicle speed, volume and direction plus a scenario editor enables users to perform and analyse an infinite number of what-if situations. Realistic pedestrian movement can also be simulated either individually or in crowds.



The second aim of the development team is to enable VR-Design Studio to add value via plug-ins to 3rd party software and other data sources. The result is that VR-Design Studio can now accept data from a wide range of Civil & Structural engineering software products, as well as data from terrestrial and air born laser scanners and micro-simulation traffic and pedestrian systems.

