…aka UC-win/Road

Interactive 3D VR Simulation & Modelling Technology

Transport & Urban Simulation Product Overview & Applications

VR-Design Studio is the ideal solution for many different interactive simulation applications, including urban / transport planning, emergency event training, stakeholder consultation via VR-Cloud and driving simulation. It is used either on its own or to add value to other industry standard design & analysis, micro-simulation & modelling software, as well as civil engineering, flood modelling and LiDAR data.

It's sister product VR-Cloud enables users to conduct consensus building for contentious urban development projects through stakeholder consultation via the Cloud.

High quality photo-realistic Interactive 3D Virtual Reality Simulations of CityScapes and Road networks

The company's software development philosophy has two parallel paths:

- Simulate the real world as accurately as technically possible
- The second is to enable VR-Design Studio to add value, via plug-ins, to 3rd party industry standard software and other data sources

Features & Benefits include:

- Reproduce and control every conceivable environmental effect
- Rain, wind, snow etc. including time of day and geographic location.
- Realistic shadows and lighting, streets, cars & buildings
- Road traffic set / managed including vehicle speed, volume and direction
- Scenario editor to analyse an infinite number of situations and events
- Realistic pedestrian movement simulated individually or in crowds.
- Import various data formats including: 3DS, DWG, FBX, LAS, Collada…
- Highly realistic driving simulation on and off-road & Rail & Ship simulation

- Interactive training for highway & tunnel operators
- Seamlessly import point cloud data, road networks & photo-logs
- ADAS, V2V & V2I and autonomous driving simulation
- OpenStreetMap file import & Automatic road production via GPS data
- Realistic pedestrian movement both crowds and individuals
- Publish interactive projects on the Cloud using VR-Cloud
- Flood simulation and analysis & earthquake & landslide simulation
- Weather effects, time of day, smoke / fire particle & geo-location
- Free database of over 6000 3D models of street furniture etc…
- Software Development Kit (SDK) & scenario development software

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

FORUM8 the Company

Established in 1987 the company's HQ is in Tokyo, with five other development and support facilities in Japan as well as a Super Computer Cloud Research Laboratory in Kobe. Overseas offices in: China, Taiwan, Vietnam, Korea, Australia, London & Dublin. FORUM8 also benefits from a network of commercial sales distribution and technical partners worldwide.

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