CROWD CONTROL TRAINER

"A realistic tool to train crowd managers and police commanders for any kind of mass event!"

VSTEP

The VSTEP Crowd Control Trainer was developed in cooperation with the Rotterdam Police and the Dutch Government. The Crowd Control Trainer provides police commanders and crowd control training managers with an effective training tool for crowd-related incidents and demonstrations. It is a cost effective and safe enhancement to practical crowd control exercises, which are often difficult to organize. It allows creation and interaction of demonstrations and large crowds and gives commanders a realistic tool to train their crowd management and response strategy. Training takes place in a realistic virtual 3D representation of the actual real life environments.

The Crowd Control Trainer was selected by the Dutch government as one of the best simulations in the field of safety and security enhancement.
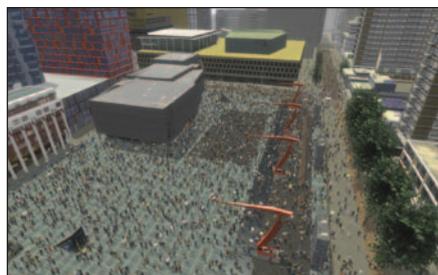
Training Applications

The Crowd Control Trainer allows realistic simulation and training of all aspects of Crowd Control, including:

- **CROWD MANAGEMENT** - Creating order within a crowd
- **CROWD CONTROL** - Maintaining order within a crowd
- **RIOT PREVENTION** - Preventing escalation and rioting of a crowd

Create and Train

The Crowd Control Trainer includes an intuitive and easy to use scenario creation tool which allows realistic creation of different crowds, demonstrations and manifestations. Crowd size is fully customisable, ranging from small crowds to mass demonstrations:

- **Single groups or demonstrations**
- **Multiple demonstrations occurring at the same time**
- **Opposing groups (e.g. football supporters) requiring separation or guidance through the environment**

Crowd variety can also be determined, and different aggression levels and troublemakers can be integrated into a crowd, allowing unexpected incidents and outbursts. The simulation takes place in a realistic virtual 3D replica of the actual urban environment, allowing instant recognition and realistic planning of an actual management and response strategy for demonstrations.

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Managing crowd movement

The Crowd Control Trainer includes realistic movement algorithms and artificial intelligence guaranteeing realistic movement of crowds through the virtual training environment of choice. The simulator allows the police commanders to train the planning phase and actual guidance of crowds and demonstrations. Commanders can place different kinds of barriers in the environment and instantly witness the effect these decisions have on the movement of the crowd.

Interventions and Riots

To prevent mass events getting out of hand, the Crowd Control Trainer allows simulation and training of riot prevention strategy. Commanders can introduce special police forces, vehicles and mounted police into the scenario in an attempt to restore and maintain order and instantly see the effects their actions have on crowd movement and behaviour.

Crowd Control Trainer Features:

- **Simulate and train Crowd Management, Crowd Control and Riot Prevention.**

- **Advanced crowd movement and behaviour**

- **Intuitive scenario creation tool. Create different sized crowds and multiple crowds with different goals. Add troublemakers and introduce special events**

- **Deploy special forces & intervention vehicles, place barriers and instantly watch crowd response**

- **Realistic & fully customized 3D locations and urban environments**

Why virtual training?

Real-life training is a necessary and excellent way to develop competences, but is often time-consuming and expensive. To maximize the training value, simulation and virtual training provides a proven and powerful enhancement to the real-life practical training. Crowd Control simulation and virtual training prepares commanders for mass incidents by letting them train in a realistic virtual environment, without the high costs and time associated with traditional training. This allows them to train any possible crowd related incident as often as they like and improve their skills, the decision making process and response strategy. Virtual Training has several distinct advantages and benefits:

- **Avoid the high training costs of practical training**

- **Learn the necessary skills in a safe and realistic environment**

- **Improve and train communication between the different operational units**

- **Realistic training in your actual 3D environment**

- **Train and visualise "What if" scenarios and develop response strategies for each**

- **Train and visualise any possible crowd related incident and improve preparedness**

- **Complete flexibility for the instructor before and during scenarios**

- **Create your own scenarios with the scenario creation tool**

- **Recording of training sessions for debriefing and after action review**

Configurations:

According to customer requirements, the Crowd Control Trainer is delivered in a high end configuration including a Windows pc capable of running 2 screens simultaneously for both trainee and instructor. A beamer configuration is also possible for classroom setups.

The Crowd Control Trainer is developed by virtual training and simulation developer VSTEP, servicing leading industry clients and governments worldwide. For more information about the VSTEP Crowd Control Trainer, contact us.

VSTEP

VSTEP BV
Weena 690
3012 CN Rotterdam, The Netherlands
Tel: +31-(0) 10 201 4520
Mail: info@vstepsimulation.com
Web: www.vstepsimulation.com