



EMERSIM

EMERGENCY SIMULATION

Tactical and Operational Training Simulation for

- Fire Fighting Teams
- Emergency Response Teams
- Aircraft Rescue and Fire Fighting Teams

With the features of

- Multiplayer
- 3D Modelling and Simulation
- Integrated with Virtual Reality Hardware
- Individual and Team Training Infrastructure
- Realistic Fire and Smoke Propagation Models
- Realistic Animations Supported by Artificial Intelligence



EMERSIM

Tactical and Operational Training Simulation

- Simulation of Impossible / limited emergency situations in 3D virtual environment
- Artificial Intelligence supported behavioral models
- Machine Learning supported animations for non-player characters and models
- Unlimited scenario support
- Individual and Multi player training simultaneously
- Multiple scenario training at the same time
- 3D maps and real environment models
- 3D vehicle and equipment models
- Touch screens (3.5 mt x 1.4 mt from 22 inch), joystick, steering and simulator integration
- Realistic fire, water, smoke etc. dynamic modelling
- Virtual Reality Technology integration in operational training
- Voice communication in team training,
- Record (log) management, performance measurement, analysis and evaluation
- Video recording and evaluation after training

Scenarios of EMERSIM

- Fire in city, forest, hospital, tunnel, airport
- Explosion
- Sabotage and terrorist acts
- Earthquake
- War
- Floods
- Oil Spill
- Distribution of toxic or corrosive gases and liquids
- Occupational accident scenarios

Personal Benefits of Training in EMERSIM

- Interactive training by playing games
- Training in a 3D simulation
- Enjoyable
- Discovery
- Motivating
- Focus and engagement
- Learning from mistakes
- Learning by winning
- Sharing success
- Training in a risk-free and safe environment
- Training where desired
- Accompanied with special equipment in the classroom (if desired), on computer, tablet
- Playing alone or a part of team

Institutional Benefits of Training in EMERSIM

- Intervention in the right place, at the right time, with the right method
- Modeling of the vehicles, equipments and the environment specific to the needs of the institution
- Modeling of dynamic effects such as weather / sea conditions, day / night for different climate and environmental conditions
- Simulation of training without danger (Risk-free)
- Training permanently (Experience)
- Customizing the training according to the institution (Tailor made)
- Tracking the trainees and reporting (Follow-up of success and interests)
- Rewarding (Incentive, Taking responsibility), Economic (Saving)

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