

VR4FR - VIRTUAL REALITY FOR TRAINING OF FIRST RESPONDERS

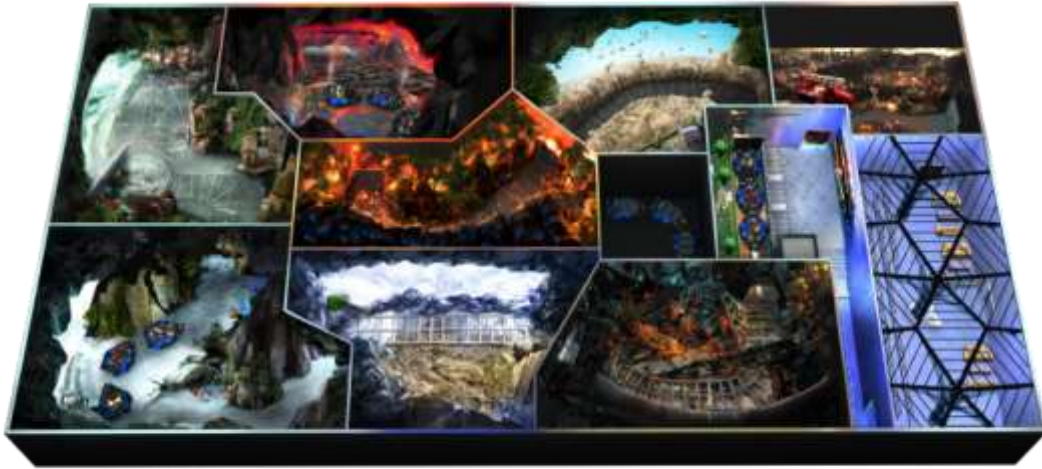
in cooperation with Hirain-Boya Emergency Science & Technology Co., Ltd

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RIDE INTO DISASTER



Combining major disasters with the dark-ride technology, trainees experience the devastating force of various disasters: earthquake, floods, tsunami, wildfire, plague of insects, etc. It is possible to combine all in one. After a 7 minutes ride through disasters, a trainee will have a profound and intuitive understanding towards a disaster's behavior.

THE 360 PANORAMIC SHUTTLES OF THE VOLCANO



Combined with the volcanic disaster and the 360° panoramic shuttle, this is an advanced experience. At the beginning, trainees will enter the experience area and sitting at the seats that linked to each other and formed a loop of 360°. Then, the seats will be lifted up to the screen area, which is circular-screen of 360°. The seats will make the motions clockwise and counterclockwise rotating, bouncing up and down. Each seat is equipped with the effects like vibration, air blast, water.

DISASTER LEAP CINEMA



This is a kind of experience equipment that combines the huge dome screen and the seats of motion to enjoy the extreme flight experience. When trainees take their seats, the seat baffles will put down, and the seats are launched, and suspended in front of the screen, and the visitors' feet leave the ground like a flying bird. With the customized movie of disaster theme, the seats move from the left to the right and from the front to the back, so that the visitors have the realistic feeling of disaster, and sometimes dives to the fire or fly over to the top of the mountain.

VR EARTHQUAKE HOUSE



We apply the virtual reality technology to the earthquake experience house in order to simulate the earthquake. The VR earthquake house realistically reproduces the "terrible scenes" of a real earthquake through VR technology, which is supplemented by earthquake simulation platform movements and simulates all kinds and all levels of earthquakes, allowing the people to experience the thrilling earthquake in the VR-created virtual space.

VR VIRTUAL DRIVING



The "VR Virtual Driving" project consists of a complete experience system, including VR glasses, steering wheel, shift lever and seats. The entire system can simulate extreme weather conditions (e.g. rain and snow) and a variety of man-made traffic accidents. For example, in the simulation of the drunken driving accidents, there is a hydraulic rod behind the seat to simulate the shaking effect while drunk driving. Besides, there is an indicator in front of the seat, which can fully display the effects of people who experience in the VR video. VR, through real simulation, makes people personally on the scene, so as to more deeply understand the danger of traffic accidents.

