

"THE WAY IS IN THE TRAINING"

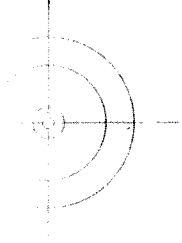


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being there...


**ZEN TECHNOLOGIES LIMITED**



" T H E W A Y I S I N T H E T R A I N I N G "



## *Miyamoto Musashi*

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Miyamoto Musashi, born in 1584, was a Samurai,

who by the age of 30 had fought and won more

than 60 contests by killing all his opponents -

opponents who were the greatest samurais of his

times. Afterwards, he spent almost 20 years

relentlessly searching for the Way. And the result

was written down in *A Book of Five Rings* - a small

but infinitely dense book. The more one reads the

book the more one finds in the pages. One of the

cardinal principles that "sword-saint" propagated

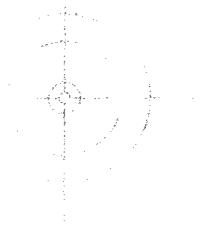
in the book was: "The Way is in the Training".

*\*A Book of Five Rings translated by Victor Harris*

## being there...

Our training methodology mimics situations realistically. The combat situations are patterned in such a way that the trainee benefits immensely. It is said that the best training is actual combat experience in a battlefield. Zen simulators provide the experience of being there...



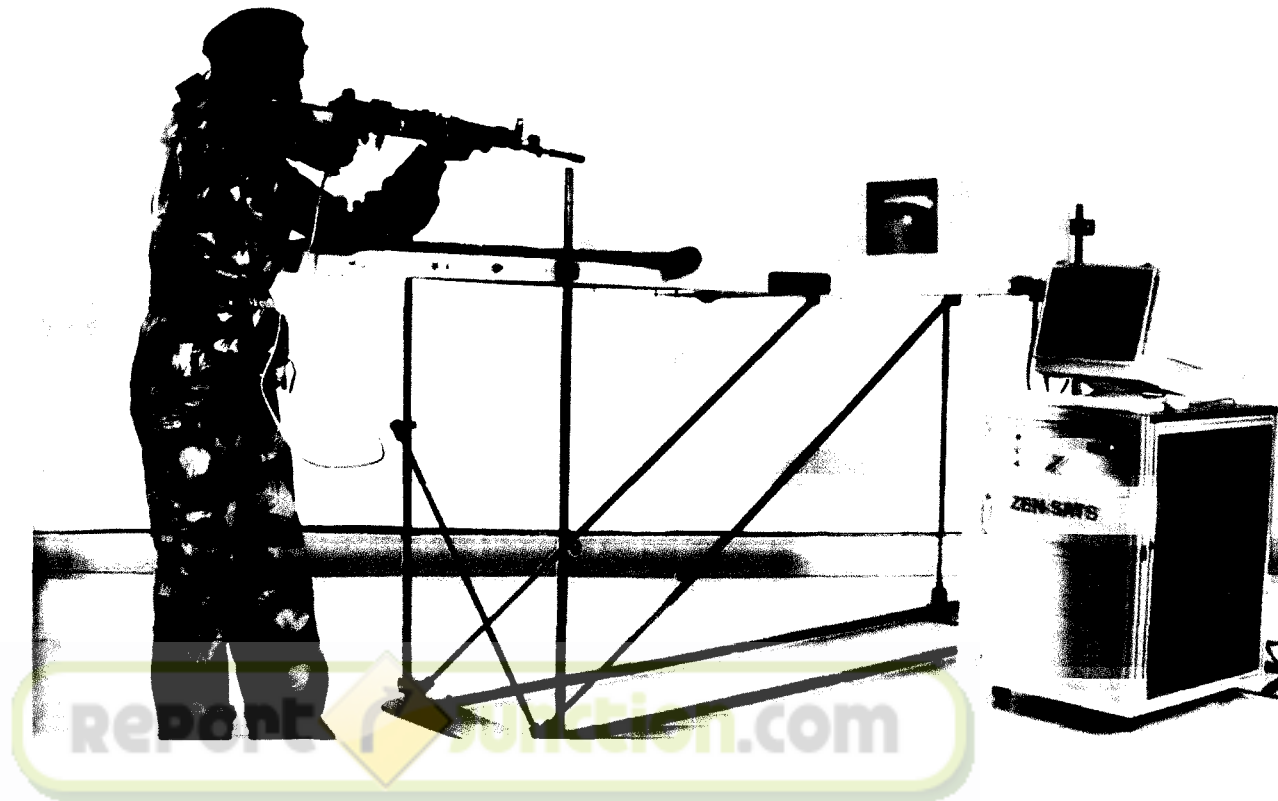


## OUR PRODUCTS

Zen simulators have been widely accepted by the Indian Defense Forces and different State and Central Police Organizations in India. Prior to the availability of Zen's simulators, most of the Indian Security Forces were using foreign simulators.

There were many maintenance problems with these foreign simulators and many of them were either lying out of order, or were working partially. Many of these customers have since upgraded to Zen's simulators, due to the quality of the product and the reliable after sales service provided by Zen.

## ZEN SMALL ARMS TRAINING SIMULATOR (ZEN-SATS)



The ZEN SATS has been designed to develop the firing skills of Security Forces enabling cost effective training of recruits and trained soldiers. Users can practice on a variety of small arms including AK-47, 3030 rifle, 7.62 mm rifle, 9mm pistol, carbine, LMG and revolver. ZEN SATS allows the user to choose any firing position i.e. standing, kneeling or lying down. Instructors can correct the mistakes of the trainees on-line. ZEN SATS was the first commercially available PC based simulator in the country and has been installed in various police training institutes and paramilitary organizations.

## ZEN ANTI TANK GUIDED MISSILE SIMULATOR (ZEN ATGM)



The ZEN ATGM Simulator is a state of the art indoor and outdoor simulator to train raw recruits and transform them into skilled missile pilots. The simulator enables the instructor to track the performance of the trainees in real time and configure the training scenario. This helps train gunners in selecting, prioritising, tracking and engaging different types of static and moving targets. The system allows the instructor to customize scenarios for basic and tactical situations. The system design is modular for easy maintainability and upgradeability. The system can optionally be configured to train personnel in the "Mobile Training Units", where it can be taken to remote areas and fielded for training.

## ZEN iINTERACTIVE FIREARMS TRAINING SIMULATOR (ZEN iFATS/iSATS)



The ZEN iFATS/iSATS has been designed to impart training on various firearms in a simulated environment to hone the skills of trainees. It enables simulation of scenarios from the real world, enabling trainees to counter real-life situations with confidence. Almost any commercially available direct fire weapon can be integrated with iFATS/iSATS and the system also provides for incorporating rocket launchers and mortars. Training includes range training, judgemental training and marksmanship training using video based and 3D CGI scenarios. It also includes a video editing and authoring station; and a 3D CGI scene editor, which allow instructors to create technical scenarios.

## ZEN DRIVING TRAINING SIMULATOR (ZEN DTS)



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ZEN DTS is an indoor driving simulator for light, medium and heavy vehicles, under various terrains, scenarios and climatic conditions. Various scenarios, like city driving, hill driving, sand and snow driving etc., are included to accomplish the task of converting personnel into accomplished and safe drivers. The simulator training progresses in a logical manner, from training personnel in vehicle familiarization, to training and testing under complex convoy driving conditions. The simulator scores the trainee against standard scores for various tests like the glare recovery test, the side-vision test, the simple reaction test, the complex reaction test, etc. The DTS can optionally be fitted with the Zen Motion Platform, which simulates the effects of the movement of the vehicle.

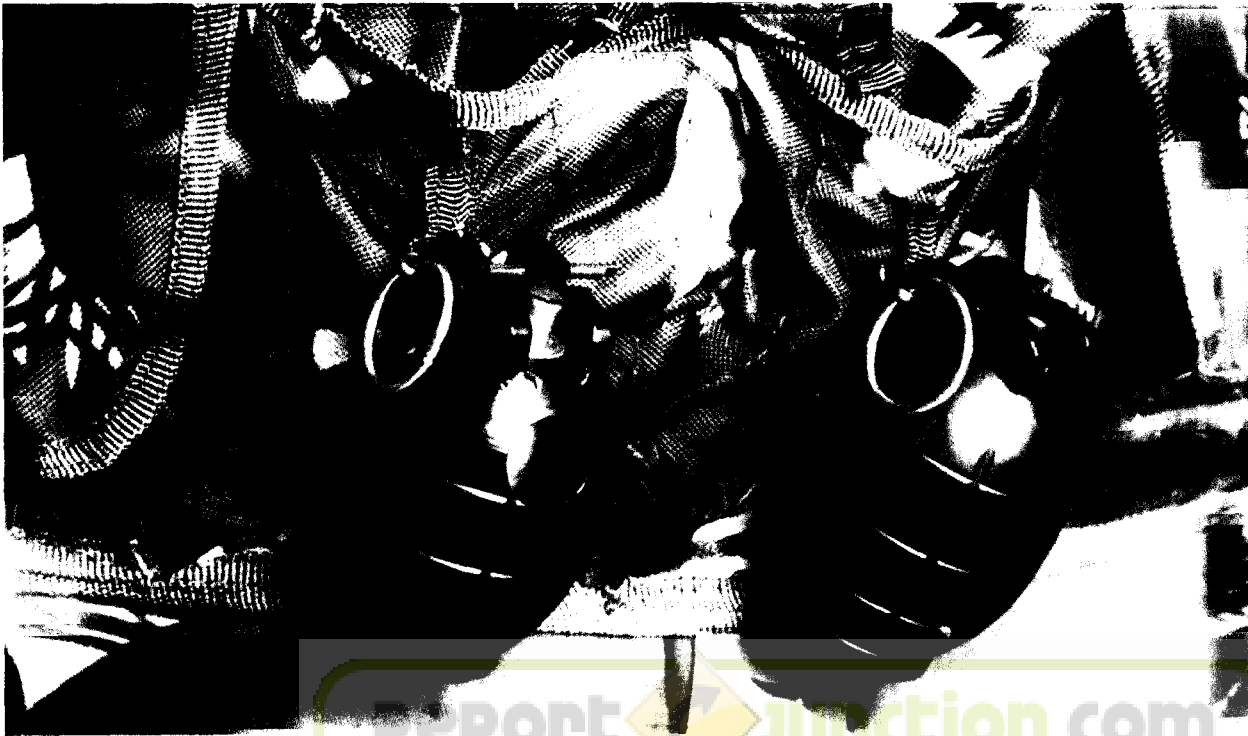


## ZEN TACTICAL ENGAGEMENT SIMULATOR (ZEN TacSim)



The ZEN TacSim is an outdoor simulator, which provides training in realistic field engagement scenarios to trainees. Any weapon can easily be integrated with this simulator without any modification and it allows for the different firing modes of the weapons. While participating in exercises, trainees wear a harness, which has different hit zones. This harness senses whether simulated bullets fired at the trainee have missed or hit. The weapons are automatically disabled if the harness senses a fatal hit. After the conclusion of the exercise, the umpire unit gathers the information from the harnesses allowing instructors to conduct detailed analysis.

## ZEN HAND GRENADE SIMULATOR (ZEN HE36S)



The ZEN HE36S is ideal for practicing timing and lobbing techniques using grenades. Instead of using actual grenades, which are dangerous and expensive, simulated grenades with the same characteristics are employed. The system can be used on a rifle range since not much open area is required. All grenade golf course practices are possible. Even if the grenade explodes in the hand the result would be a burn wound. The product allows the user to perfect his lobbing techniques such that explosions have maximum efficacy. A body of troops can lob simultaneously, saving time and effort.