



## Zen Technologies Unveils Its Futuristic Combat Training Centre at DefExpo

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### ZEN COMBAT TRAINING CENTRE (ZEN CTC)



Zen Technologies Limited, pioneers in simulation technology based training solutions, will unveil its 'Zen Combat Training Centre' (CTC), an Integrated training complex configured to improve operational preparedness in both conventional & asymmetric warfare scenarios. Zen will give live demonstrations in its booth at Hall No 4, Stall No 4.2.1, 4.2.2-a.

With paradigm shifts in combat scenarios from conventional to non-conventional battlefields, and a greater preponderance of counter insurgency operations and asymmetric warfare, new training eco-systems need to be visualised and addressed with customizable training solutions.

The CTC encapsulates a composite, comprehensive and flexible training solution to fully meet Individual and collective training requirements of combat units of the Indian armed and other forces for the entire battlefield spectrum.

### ZEN COMBAT TRAINING CENTRE

Zen Combat Training Centre (Zen CTC) is a complete, one-stop training solution for Security Forces. It judiciously integrates live and virtual simulators, target systems and training infrastructure to provide specialised training to enhance individual skills as well as collective sub-unit combat capabilities for conventional and special operations such as Counter-Insurgency and Counter-Terrorism tasks. CTC also ensures standardised/institutionalised training and it is flexible to address varied requirements of different forces.

LIVE SIMULATORS	TRAINING INFRASTRUCTURE	TARGET SYSTEM

#### VIRTUAL SIMULATORS

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Commenting on the launch, Mr. Ashok Atluri, Managing Director, Zen Technologies said, "Zen Technologies has over the years emerged as the independent leader in the simulation vertical in India. With a strong portfolio of 30+ simulators and training systems we have connected all the simulators and training systems in a way that will give the end user a comprehensive solution to address

specific needs. With the threat scenario varying from conventional to unconventional (Counter Insurgency & Counter Terrorism), there is a need globally for integrated training solutions which can cater to a range of scenarios concerning a specific region. It will be our endeavour to play a pivotal role in providing the required training tools to security forces to tackle and neutralize both external and internal threats”.

The CTC is not only designed to train sub-units and units in conventional warfare but also for asymmetric warfare-Counter Insurgency (CI) and Counter Terrorism (CT). Additionally, the CTC is flexible enough with a well defined open architecture to integrate training equipment and simulators of various global OEMs, making it a truly open and customizable training solution.



A CTC for an Infantry Battalion would have many features including, but not limited to, the following simulators/target systems:-

- Infantry Weapons Training Simulator for small arms to hone marksmanship skills. Smart and Multi-function Target Systems are provided to test the soldiers on live firing ranges for accuracy and reflex shooting.
- MMG, AGL, ATGM, 81 mm Mortar Simulators for support weapons training.
- Explosives and Mines/IED/Booby Traps structured learning to train troops in handling explosives and mine laying activities.
- Battalion Level War gaming Solution for validation of Operational and logistic Plans of Battalion/Company commanders.
- Combat Training Simulation System for conducting live two-sided (force-on-force) Tactical exercises, with realistic simulation of battlefield effects using sound, smoke and pyrotechs, generating effects of weapons' firing and effect at target end. Results of engagements are accurately validated and all activities captured for the all-important After Action Review/critique.
- The CTC can be customised and configured for specific needs of other combat units as well. For instance, a CTC for an Armoured Regiment would comprise Tank Basic and Crew Gunnery Simulators, Tank & B-Vehicle Driving Simulators and Armour Combat Training Simulator(ACTS) for two-sided force-on-force tactical exercises. The Mechanised Infantry CTC will have commonality of simulators with the Infantry unit and will in addition train on ICV Gunnery, ICV Driving and ACTS along with tank units. Similarly, Artillery will be provided with the indoor Forward Observer Simulator to train Fire Controllers in their duties. Small arms training systems and B-Vehicle Driving Simulator, will also form part of the Artillery CTC inventory.