



TRAIN SMART

ZEN COMBAT TRAINING CENTRE



being there...

ZEN TECHNOLOGIES LIMITED

Train Smart - CTC is the key

The CTC from Zen, facilitates Point-of-need training at regiment and formation levels. It integrates Live Ranges, Live, Virtual and Constructive simulation. CTC offers a holistic environment for realistic training and delivers a quantified combat readiness score.

CTC Addresses Major Challenges to Training

- ▶ Ammunition - High cost, limited availability.
- ▶ Time for Training - Limited time and manpower.
- ▶ Battlefield Realism - Requires geo-specific terrains.
- ▶ Opposed Training - Need of the hour.
- ▶ Live Firing Ranges - Shrinking, high cost.
- ▶ Quantified Assessment - A shortcoming today.
- ▶ Limited Operational Hours - Need to be preserved.
- ▶ Rigid Curriculum - Needs to be adaptive.

***CTC is today's training solution for tomorrow's
battle needs***

ZEN CTC AT A GLANCE

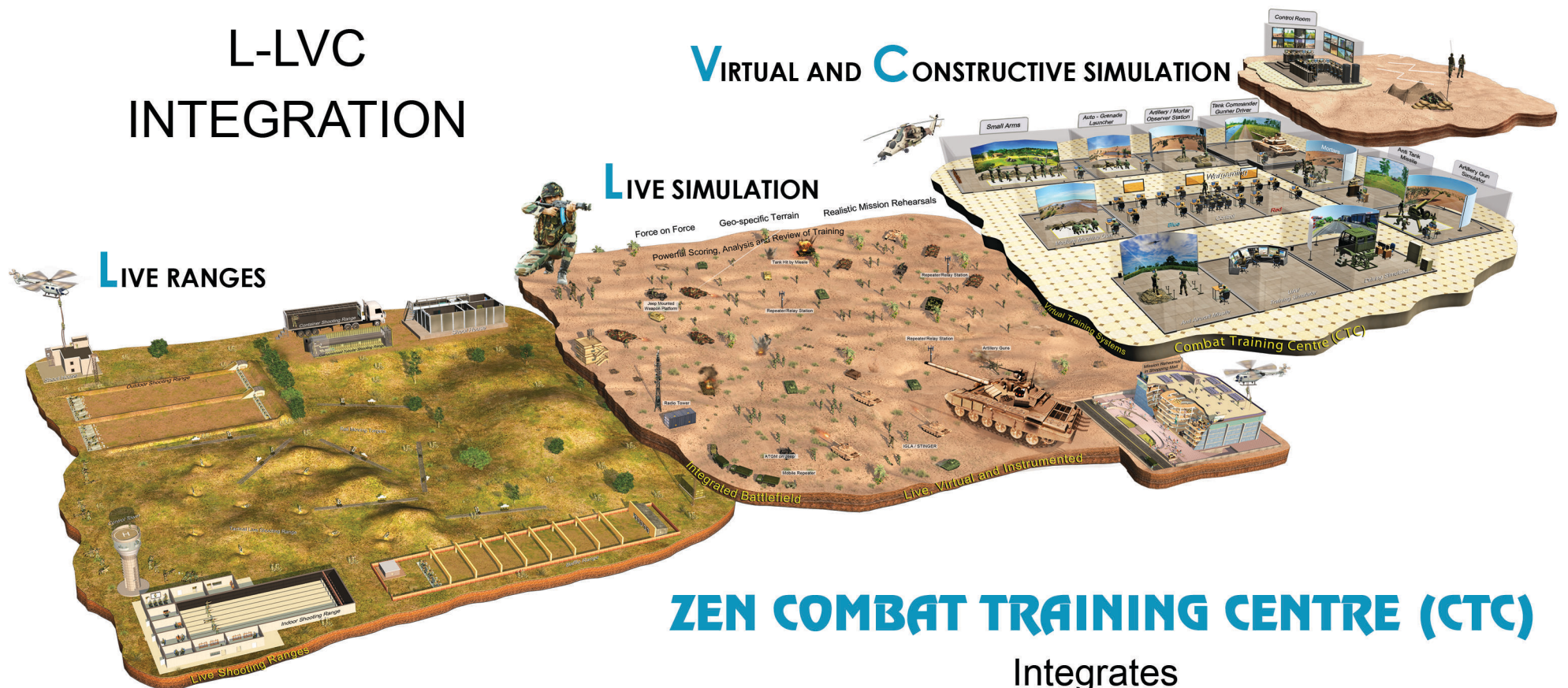
Fully interactive and inter-connected training, on a common operating platform

Modular in design, from squad level tactical training up to large brigade and division sized team training

Realistic, objective and quantified assessment of combat readiness from individual to unit level

Integrated Training Solutions for 24/7 Combat Readiness

L-LVC INTEGRATION



ZEN COMBAT TRAINING CENTRE (CTC)

Integrates
Live Ranges, Live, Virtual & Constructive Simulation
into a
Common Operating Picture

FEATURES

Adaptive Learning based Training

The adaptive learning capability of CTC helps in dynamically aligning training content with operational goals and Mission Essential Task Lists (METL). The adaptive model uses powerful AI and ML technologies for purpose-driven analysis of training data.

Opposed Training

The L-LVC environment facilitates realistic opposed training in live and virtual domain by simulating geo-specific operational terrain for “Train as you fight”, mission rehearsals.

Scalability

CTC is modular and scalable. It offers holistic training value for all arms at unit and formation levels.

Cost Benefit

Training in a CTC environment accrues huge savings in terms of ammunition, manpower, infrastructure, logistics and wear and tear of go-to-war combat equipment, while it dramatically enhances the training value.

Quantified Assessment

CTC facilitates an automated and customizable feature to capture and collate all training data and map it to operational objectives to deliver a credible combat readiness score.

Integration of Live Firing, Live, Virtual and Constructive Simulation

To provide realistic combat training, CTC integrates Live Ranges, Live, Virtual and Constructive Simulation.

Live Firing

Smart live firing ranges derive optimum training value of every live round fired. While offering much higher live fire realism, they considerably reduce the time required to train, the manpower cum instructor load and logistic costs

Virtual

Apart from enhancing individual skills, Zen CTC facilitates seamless integration of the virtual simulators and uses Computer Generated Forces (CGFs) and geo-specific terrains to offer a holistic and opposed battle field environment for realistic tactical training and mission rehearsals.

Live

Laser based system that facilitates force-on-force training from a small squad to over 5000 participant entities and from a small indoor area or structure like a shopping mall out to 40 Km x 40 Km or more. It includes live simulation for weapon platforms like tanks, missiles, rocket launchers, land mines, IEDs besides small arms to facilitate a holistic battlespace. It has a capable complement of pyrotechnics to deliver more realism.

Constructive

Zen War game is a scalable, dynamic, real-time and multi resolution war-game. It is customizable for the ORBAT, equipment, terrain and operational environments or doctrines. It caters for tactical forces from battalion through corps or theatre level.

LEADING MILITARY TRAINING AND COUNTER-DRONE SOLUTIONS COMPANY

Since 1993, Zen Technologies Limited designs, develops and manufactures state-of-the-art realistic combat training & counter-drone solutions for defence and security forces worldwide. Headquartered in Hyderabad, India, Zen also has offices in USA and UAE, producing over 40 different Live Fire, Live Instrumented, Virtual and Constructive training systems to support individual and collective training capabilities. With over 1,000 training systems shipped around the world, Zen Technologies is a proven leader in building training systems for developing and measuring Combat Readiness.



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