

ZEN 81mm MORTAR INTEGRATED SIMULATOR (ZEN 81mm MIS)



ZEN 81mm MIS is an indoor training aid to train the complete Mortar Platoon on drills and fire control with replicated 81mm Mortar equipment and ammunition.

The system simulates range conditions and weapon performance parameters to facilitate training of the Fire Controller (FC), Mortar Position Controller (MPC) and Mortar Detachment Numbers in the conduct of engagement of targets by 81mm Mortars.

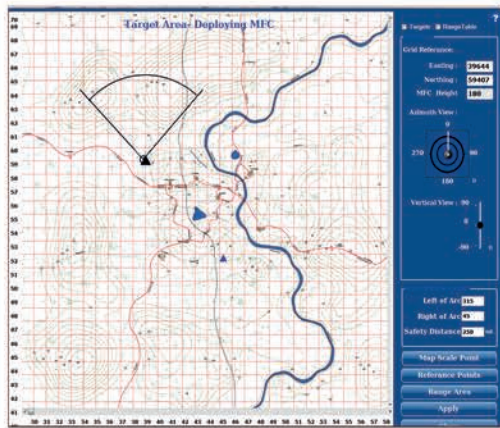
The target data is obtained by the fire controller from the terrain view projection/map and transmitted to the MPC who calculates data to be applied by the detachment numbers on the mortars. The data for firing is applied on the mortars and accuracy of this application is reflected on the terrain view projected on the screen. The entire Mortar platoon trains under realistic conditions with fault location possible at each stage.

Features:

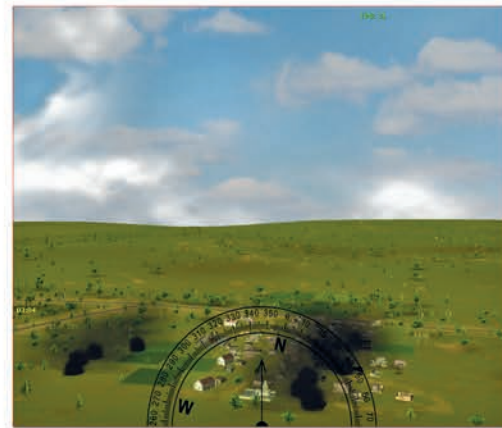
- Permits training of entire mortar platoon.
- Realistic Sound Simulation.
- Can also be configured for 120mm and 160mm Mortars.
- 3D scenarios of different types of terrain with 'to scale maps'.
- Data analysis and fault finding capability at every stage.
- A perfect solution for logistics problems and shortage of ranges.
- Wide range of environment effects.
- Variety of targets & all types of ammunition/effects simulated.
- Accommodates 81/82mm Mortars in both degrees and mils laying system.
- Specially modified binocular with graticules for correction of fire by FC.



Interface



Map View

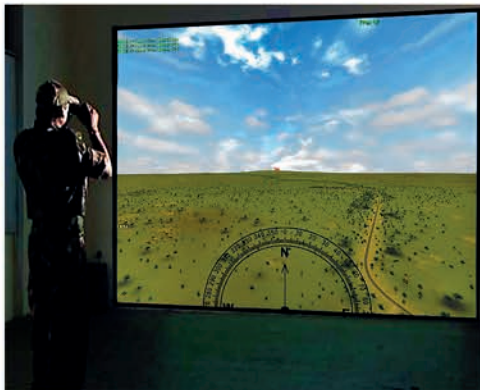


Terrain View

The performance of trainees is monitored 'live' by a qualified instructor for on the spot corrective action.

Record, replay & print facility enables Instructor to pin-point the errors of trainees and suggest corrective actions after each action review.

Training in progress



VERSIONS

- **ZEN 81mm MORTAR INTEGRATED SIMULATOR**

Designed for Mortar Platoons of Infantry battalions/Para-military forces.

- **ZEN 81mm MORTAR INTEGRATED SIMULATOR (MECHANIZED)**

Designed for Mortar Platoons of Mechanized Infantry Battalions equipped with mortar carriers (modified ICV).

ZEN TECHNOLOGIES LIMITED

B-42, Industrial Estate, Sanath Nagar
Hyderabad - 500018, Telangana
India

Phone: +91 40 2381 2894/4894/3294
Fax : +91 40 2381 3694

Website: www.zentechnologies.com
E-Mail : mktg@zentechnologies.com

