

March 03, 2025

To
Listing Department
National Stock Exchange of India Limited
Exchange Plaza, C-1, Block G,
Bandra Kurla Complex,
Bandra (E), Mumbai – 400 051

To
Dept. of Corp. Services
BSE Limited
Phiroze Jeejeebhoy Towers
Dalal Street
Mumbai- 400 001

Symbol: ZENTEC

Scrip Code: 533339

Dear Sir/Madam,

Sub: Press Release relating to grant of Patent

Please find attached the press release titled **Zen Technologies Secures Third Patent for T-90 Tank Simulator, Reinforcing Leadership in Military Training Simulation.**

This is for your kind information and records.

Thanking You

Yours sincerely,

For Zen Technologies Limited

Sourav Dhar
Company Secretary & Compliance Officer

Encl: As above

HYDERABAD, MARCH 03, 2025

Zen Technologies Secures Third Patent for T-90 Tank Simulator, Reinforcing Leadership in Military Training Simulation

Zen Technologies Limited proudly announces the grant of its third patent for the T-90 Tank Simulator – the Containerized Driving Simulator System (T-90 DS). This milestone further strengthens Zen’s leadership in military training simulation, providing cutting-edge solutions to enhance combat vehicle operator training.

The patent, filed on 24th March 2022, is valid until 24th March 2042. With this latest achievement, Zen Technologies has now secured an impressive portfolio that now includes four patents in 2025 and 14 in FY 2024-25

This marks the third patent granted for T-90 tank simulators, following the earlier patents for the Basic Gunnery Simulator (BGS) and Crew Gunnery Simulator (CGS). Additionally, Zen has three patents covering T-72 and BMP-II tank simulator variants, further demonstrating its commitment to developing advanced military training systems for armoured vehicle operations.

Advancing Military Training with High-Precision Simulation

The T-90 DS – Containerized Driving Simulator System is a high-fidelity, portable training solution designed to provide military personnel with an immersive and realistic training experience. This advanced simulator enables trainees to operate in a controlled environment, eliminating the need for live vehicle operations while ensuring effective skill development.

The system features an exact replica of the tank driver’s station with all controls and a six-degree-of-freedom (6-DOF) motion platform, which accurately replicates the movements of a T-90 tank across diverse terrains, allowing drivers to experience real-world vehicle dynamics. It incorporates scenario-based AI training, offering customizable modules that simulate combat environments such as urban warfare, desert operations, and night manoeuvres, preparing operators for different battlefield conditions.

To further enhance situational awareness, the simulator integrates virtual reality (VR) and augmented reality (AR) technologies, providing an interactive training experience with real-time battlefield scenarios. The system also supports crew coordination and multi-unit training, enabling multiple tank crew members to train simultaneously, improving team collaboration and operational efficiency.

Designed as a containerized and rapidly deployable system, the T-90 DS Simulator functions as a plug-and-play, mobile training facility that can be easily transported and set up at military bases. This flexibility allows armed forces to conduct high-quality training in various locations without the logistical constraints of moving heavy military vehicles.

Strengthening Indigenous Defence Capabilities

Zen Technologies remains at the forefront of India’s self-reliant defence technology initiative, contributing to self-reliance in defence technology. The T-90 DS Simulator, along with its previously patented T-90, T-72, and BMP-II simulator variants, aligns with the Indian Army’s vision for cost-effective, high-impact training solutions while reducing the need for extensive live tank usage.

With six patents now covering T-90, T-72, and BMP-II tank simulators, Zen Technologies continues to expand its portfolio of military training innovations. The company remains committed to delivering cutting-edge solutions for combat training, tactical preparedness, and mission readiness.

About Zen Technologies Limited

Zen Technologies Limited is a pioneer and leader in providing world class state-of-the art Defense Training and Anti-Drone solutions and has a proven track record in building training systems for imparting defense training and measuring combat readiness of security forces. With a dedicated R&D (recognized by the Ministry of Science and Technology, Government of India) and production facility in Hyderabad, the company has applied for over 172+ patents and shipped more than 1,000 training systems around the world. With over 30 years' experience fielding realistic combat training solutions to armed forces worldwide, Zen constantly updates its portfolio to include new solutions for emergent threats. Leveraging their world-class, in-house production facilities, Zen has developed strategic solutions tailored to the specific needs of End Users Ministry of Interiors and Ministry of Defence including customized training programs aligned with the requirements of the U.S. Army and U.S. Department of Defense.

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Safe Harbour

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