Simulation

Goal has entered into a partnering arrangement with ZEN Technologies, the largest supplier of military, mining and transport simulators in India. This partnership will specialise in training simulators with the vision of developing cost-effective simulators that provide near-real training experience in a green, pollution and risk-free environment. The partnership possesses a dynamic and innovative Research and Development Division which designs, develops and manufactures customerspecific simulators using indigenous technologies.

The simulation capability has already made its mark in land-based Military equipment simulators, The range of Military weapon simulators covers:

- Small Arms Training
- Advanced Weapons
- Hand Grenade
- Combat Training System
- 81mm Integrated Mortar
- Anti-Tank Guided Missile
- Infantry Combat Vehicle Integrated Missile
- Simulator and Tank Driving
- Tank Simulators (Driving & Crew Gunnery)

Da

- Gunnery and crew gunnery
- Medium Machine Gun
- Shoulder Fired Rocket
- Tactical Engagement
- Forward Observer (Artillery)
- Infantry Combat Vehicle Driving
- Driving Simulators
- Special and Heavy Vehicle
- Mining Simulators



GROUP



Goal can also offer a wide range of driving simulators. These simulators for light, medium and heavy vehicles with or without Motion Platform fulfil the needs of Road Transport Authorities, bus operators and original equipment manufacturers of all types of automobiles.

The earthmoving/infrastructure equipment simulators cater to the training requirements of users in industries like mining and infrastructure.

Besides simulators Goal can now offer and develop training equipment such as:

- The Popup Target (for shooting practice)
- Smart Target System (for locating hit and miss during living firing)
- A Psycho-motor testing system like DATS (Driving Aptitude Testing System)
- A UAV simulator
- Mission Tracker for Home Land Security

Goal offers customised products and 24x7 customer care. The Group seamlessly integrates its core competencies in software, mechanical design, interface electronics, electrical and pneumatic systems. Knowledge transfer occurs during the brain-storming session before the launch of a project and whenever a project requires a solution. The workforce is also allowed to attend seminars and crash courses on "breaking out" technologies. ZEN has developed state-of-art mathematical modelling software which helps simulate projectile behaviour, vehicle dynamics and environmental effects. Software for video processing and image processing is also available. The Group has tools to create/portray 3-D terrains/ models and other open format modelling tools being put to use are:

- Creator Pro MPI
- Creator Terrain Studio
- Matlab Simulink
- Debugging and testing tools
- Software engineering tools

Goal Group caters to the needs of civilians, miners, para-military forces, security forces and the Defence Services. The Indian Army has been supplied with Konkurs Anti-Guided Missile Simulators and BMP II Driving Simulators. New orders of Tank simulators (both T-72 and T-90) are under production. Tank Driving and Integrated Missile Simulators are awaiting trials. Projects like Tactical Simulator, Mission Tracker and Unmanned Aerial Vehicle simulator are in advanced stages of completion.

Goal Group **upskills** organisations and individuals utilising deep specialists across multiple business disciplines.

Whilst we can provide specialist consultants, our preference is to mentor, coach and train client staff or increase organisational efficiency.



OUR GOAL IS YOUR SUCCESS

Head Office

Goal Professional Services Pty Ltd Suite 4, 603 Pacific Highway (PO Box 64) Belmont NSW 2280 Phone (NSW): +61 2 4967 4500 Fax: +61 2 4945 1591 Phone (VIC): +61 3 9017 3311 E-mail: goal@goalgroup.com.au

www.goalgroup.com.au