

**Singapore's First HLA-compliant Simulation System -
the Armour Gunnery & Tactical Simulator (AGTS)
Deployed by ST Training & Simulation Pte Ltd**

Singapore, 26 February 2002 - ST Training & Simulation Pte Ltd ("STTS"), a subsidiary of Singapore Technologies Electronics Limited ("ST Elect"), has delivered a state-of-the-art Armour Gunnery & Tactical Simulator (AGTS) to the Singapore Armed Forces (SAF). This advanced simulation system was officially commissioned on 15 January 2002 by Singapore's Minister for Education and Second Minister for Defence, Rear-Admiral (NS) Teo Chee Hean. ST Elect is the Electronics arm of public-listed Singapore Technologies Engineering Ltd ("ST Engg").

The AGTS was designed around the philosophy of distributed mission training and "train the way you fight". This underlying driving philosophy has resulted in the first High Level Architecture (HLA) - compliant simulation system for the SAF. The AGTS was designed with the future in mind - to be able to link, via the HLA standard, with other simulation systems to allow for conduct of combined armed exercises.

The AGTS is the preferred training solution for any army. It features a unique concept of re-configurable 'plug-and-play' crew stations, providing gunnery training for a wide range of platforms and weapon systems. It also has a flexible setup in terms of facilitating training from individual gunnery up to combat team tactical manoeuvre exercises. Trainees can be simultaneously trained on their weapon proficiency, tactical drills and also on the manoeuvre of subordinate forces under various environmental and enemy conditions. The use of Dismounted Infantry Computer Generated Forces (CGF), that can mount and dismount from vehicle platforms with realistic environment, has brought the training to the next higher level of realism.

The AGTS comprises the following:

- 360 degrees Horizontal Field of View (HFOV) Visual System Cubicles (VSCs).
- Mobile simulator crewstations that represent different types of armoured vehicles.
- Instructor Operating Stations, each with a seating capacity for 12 trainees, and which can be used to conduct debrief for trainees.
- A Training Analysis Management and Information System (TAMIS), which facilitates advanced analysis, including using data-mining, on archived performance, and other training data, of trainees.
- A Briefing and Debriefing Facility (BDF).
- A Computer Assisted Instruction (CAI) Facility.

"The delivery of the HLA-compliant AGTS, together with STTS' HLA-compliant Air Distributed Mission Trainers (ADMT) which are being showcased at the Asian Aerospace 2002, has positioned STTS as a premier simulation house in the world market. Our ability to design, develop, manufacture and deliver such systems innovatively and cost-effectively has allowed us to market our systems internationally." said Mr Pritam Singh, General Manager, STTS.

About STTS

STTS was incorporated in 1999 as a subsidiary of Singapore Technologies Electronics Limited. Its 230-strong workforce offers expertise in providing one-stop solutions, from software applications and development of new innovative training systems to providing maintenance and upgrade of legacy training systems. With over two decades of experience, STTS has established itself as a recognised leader with expertise in both the defence and commercial sectors. The company is currently focused to growing its market in the region. STTS' product range includes Fixed Wing Simulators, Rotary Wing Simulators, Ground Simulators and commercial simulators such as Crane and Train Simulators. STTS' proven HLA-compliant simulators allow for joint air, land and sea training.

About ST Elect

ST Elect, the electronics arm of S Engg, is one of the largest electronics system houses in the region. ST Elect prides itself in delivering innovative system solutions to defence, commercial and industrial customers worldwide. It specialises in the design, development and integration of advanced electronics systems, such as communications, m-commerce solutions, microwave, traffic and rail management, real-time command and control system, training & simulation, and intelligent building management. ST Elect applies new technologies and design applications to the demands and stringent requirements of customised electronics systems and solutions. It undertakes continuing research and development to help create cost-effective proprietary products at system and component levels, delivering innovative and quality solutions to customers.

About ST Engg

ST Engg is an integrated engineering group specialising in the fields of aerospace, electronics, land systems and marine. A leader in each of its core businesses, ST Engg provides one-stop services for air, land and sea platforms as well as systems-based solutions. Headquartered in Singapore, the Group employs about 11,000 employees worldwide with revenues of about S\$2.5 billion in FY 2001. ST Engg is listed on the Singapore Exchange with a market capitalisation of about S\$6.8 billion.

Shaping the Future of Engineering

ST Engg's Group of companies is exhibiting at Asia Pacific's premier aerospace and defence exhibition for the 11th time. The largest exhibitor at Asian Aerospace 2002, ST Engg will be showcasing its latest products, services and capabilities from February 26 to March 3. The ST Engg Pavilion which occupies a floor area of more than 2500 square metres is located at the main entrance of the Changi Exhibition Centre.

Visitors to the show will be able to interact with ST Engg's latest offerings amongst a host of innovative and advanced products; including Falcon ONE - a mission-ready F-16 avionics upgrade suite, a Command, Control, Communication & Computer (C4)-intelligent airport solution, Air Distributed Mission Trainer - Asia's first networked fixed-wing flight simulator, Terrex AV81 - an 8-wheeled armoured infantry fighting vehicle; and its design and engineering development capabilities for products including the 81-metre Stealth Offshore Patrol Vessel, 27-metre Stealth Interceptor and Vertical Take-Off and Landing Unmanned Aerial Vehicle.

For more information on ST Engg's participation at Asian Aerospace 2002, please visit www.stengg.com/aa2002

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