

MILITARY & TRAINING SIMULATION NEWS

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**US Simulation
Industry**

**C-IED
Training**

**Maintenance
Training**



news bites

Recruitment specialists, **SimSTAFF Technical Services**, has officially opened another office in the greater Orlando area. The office, located in the heart of Winter Springs opened on 1 August. This marks SimSTAFF's second office in Orlando; their headquarters is located in Research Park. The Winter Springs office facilitates the needs of better serving the company's expanded customer base. SimSTAFF recently hired a new full-time technical recruiter, Erika Turja, to fill job openings for new and existing clients. "We are pleased to have Ms. Turja on board," stated Craig Fouts, Director of Strategic Relationships. "We want to give our clients the absolute best candidates out there and Erika has the background for it." SimSTAFF continues to expand their number of employees based on the amount of business their clients are forecasting.

Following the growing demand for a next generation anti-piracy training from its customers, **VSTEP** has further enhanced NAUTIS Naval Task Force allowing for affordable and realistic anti-piracy training and critical response training of any possible piracy scenario. NAUTIS Naval Task Force allows for user-friendly creation of piracy scenarios and can be used for identification of suspicious behavior of approaching vessels (using visual identification, AIS & ECDIS) as well as actual pirate response training. The scenario editor allows users to add different types of motorised pirate vessels and fully adaptable approach route. Navy and target vessel response strategy can be determined and trained, with helicopters and a wide range of navy and coast guard intercept vessels all available for realistic simulation.

Lockheed Martin has delivered, integrated and installed the first Weapons Load Training Device (WLTD) at the F-35 Lightning II Integrated Pilot-and-Maintenance Training Center (ITC) at Eglin Air Force Base's 33rd Fighter Wing in Florida. Configured for all three variants of the F-35, the system allows maintenance students to practise their skills loading munitions, fuel tanks and other stores onto the aircraft. The system is the first of up to five possible weapons load trainers to be delivered to the ITC.

Rheinmetall has announced highly successful trading results for the past financial year. Sales have increased 14% to USD 4,278 million whilst Earnings Before Interest and Tax (EBIT) have increased by USD41.34 million to USD279.76 million. This rise in sales is largely due to a 19% increase in the automotive sector although defence sales rose by 8%. International sales rose 2% to 71%.

Simulation Australia has appointed committee members and chair persons for its eight working groups. The committees comprise: Defence SIG, Emergency Management & National Security SIG, Learning & Development/Human Factors SIG, Modelling & Decision Support SIG, Professional Development, Resources & Infrastructure SIG, Standards and Transport SIG.

The MCoE provides trained soldiers and leaders for the US Army, while developing future requirements for the individual soldier and the manoeuvre force. Its function is to serve as the user representative in developing training methodologies and products, concepts, doctrines, organisational requirements and materiel capability requirements for current and future forces, including the Heavy Brigade Combat Team; Stryker Brigade Combat Team; Infantry Brigade Combat Team; Airborne,

Ranger and Special Forces; and other units such as the Battlefield Surveillance Brigade and Cavalry organisations. The MCoE also provides instructors to teach classes across the organisation. The MCoE accomplishes its mission by integrating virtual, constructive, and live training; exploiting existing and emerging technologies; and training, doctrine and capability development.

"Cubic's Team, which includes Dynamics Research Corporation (DRC), will provide this program with a broad range of knowledge, skills, and capabilities to meet the MCoE's responsibility to provide TRADOC with a full spectrum of support in leader development, doctrine, training, capability development, and training support products for the maneuver force," said Glenn Marsh, Cubic's Vice President and General Manager for the Omega Training and Education Division, located in Columbus, Georgia. Omega will lead this effort for Cubic.

DiSTI CORPORATION UNVEILS REPLIC8

DiSTI Corporation, the Orlando-based provider of advanced graphical interface technology, has unveiled its Replic8 software tool that has been designed to create interactive virtual training content from Autodesk's 3D Studio Max.

Replic8 allows users to produce 3D interactive training content through a simplified development process. DiSTI says that 'the results will revolutionize the way people learn by enabling highly effective training applications that increase student involvement, retention, safety and throughput'.

Replic8 works directly with the ubiquitous 3D Studio Max modelling package, forming a cohesive transition of static 3D models into interactive learning objects without losing essential fidelity and functionality.

Modellers create feature rich 3D objects complete with multiple texture layers and animations knowing that Replic8 will retain those details for use in the lesson materials.

Replic8 utilises Java technology to maximise deployment options, allowing lessons to run stand-alone on a desktop, in a browser, or with any OS that supports Java's OpenGL bindings.

Replic8 introduces a unique "Design by Doing" concept, giving modelers the ability to configure and design the training application by simply interacting with the 3D objects instead of the traditional method that requires the manual manipulation of data. This simplified development process allows for codeless creation of lessons through interaction with the 3D model. The developer can therefore see exactly the same as the student will see.

"Replic8 is the result of DiSTI's years in development of high-fidelity 3D interactive maintenance trainers. Our technology is recognised as the gold standard in 3D virtual maintenance training. We've taken our experiences and expertise in this arena to produce a tool that transcends traditional industry boundaries. We truly believe Replic8 will change how people will learn," said Darren Humphrey, Chief Technology Officer and Co-founder of DiSTI.

"The applications for this learning content are limitless. OEM's, courseware houses, instructional media developers, subject matter experts and so on can create materials that train people on any piece of equipment; combustion engines, turbines, photo copiers, pumps, brakes, computers... It's limitless," said Joe Swinski, President and Co-founder of DiSTI.

RNLAF SELECTS ETC FOR FIRE AND EMERGENCY TRAINING

Environmental Tectonics Corporation's (ETC) Orlando-based Simulation Division, has been selected by the Royal Netherlands Air Force (RNLAF) to supply it with an ADMS-AIRBASE (Advanced Disaster Management System) training system.

The virtual reality simulation system will be installed at the RNLAF Fire Academy at Woendrecht Airbase in the Netherlands, and used for training and assessment of on-scene incident and vehicle commanders.

ADMS is designed to train critical command and control skills needed when faced with a military airbase aircraft or helicopter incident. The ADMS-AIRBASE system is portable and will be used at Woendrecht and deployed to other locations. The ADMS portable system is expected to reduce overall training and operational costs while increasing learning retention and performance of trainees.



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Simulation & Training · P.O. Box · 3000 Berne 22 · Switzerland
Legal domicile: RUAG Schweiz AG · Seetalstrasse 175 · 6032 Emmen · Switzerland
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