







16-17 JUNE 2021
ROSEN CENTRE HOTEL, ORLANDO, FL
& VIRTUAL EXPERIENCE

**EXHIBITOR GUIDE** 

TSIS IS ORGANIZED AND HOSTED BY





## **EXHIBITOR INFORMATION**

Table top exhibits will be open during all break/networking times.

#### Wednesday, 16 June

**Exhibit Hours** 

9:30 am - 7:00 pm

#### Reception

5:30 pm – 7:00 pm (or upon session adjournment)

#### Thursday, 17 June

**Exhibit Hours** 

9:30 am - 4:30 pm

#### **PARTICIPATING EXHIBITORS**

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### **EXHIBITOR & SPONSOR DESCRIPTIONS**

#### 3D PERCEPTION, INC.

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#### **SPONSOR**

3D perception is the proven leader in innovative simulation display product development and turn-key system design, fabrication, and delivery. Serving worldwide defense contractors and aerospace customers since 1997 with an international force of engineers, installers, project managers, and support staff, 3D perception ensures seamless, focused performance.

Ideal for both new and for tech refresh programs, 3D perception's Northstar™ suite of modular technologies for automatic image alignment, calibration, and optimization combine to form an integrated solution. Northstar's automation provides industry-leading speed, precision, and repeatability, with maintenance and control under a unified interface.

3D perception offers a wide range of preconfigured Northstar display systems designed and priced for quantity delivery. These domain-specific systems are adaptable to accommodate trainer cabins or other components. Design variants are available to accommodate differing program requirements.

12605 Challenger Parkway, Suite 170, Orlando, FL 32826

Phone: 321-235-7999

Website: www.3d-perception.com

#### **AVT SIMULATION**

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Applied Visual Technology Inc., AVT has been developing modeling and simulation expertise through engineering services since 1998. This is due to our founder who has accumulated over 30 years of military MS&T expertise in aviation applications. Nonetheless, everyone at AVT specializes in making old training systems new again and making new ones for less. Consequently, for 20 years AVT has served our Air Force, Army, Navy, and Marine customers by providing the highest quality of service and solutions.

4715 Data Court, Orlando, FL 32817

Phone: 407-381-5311 Website: www.avtsim.com

#### CLINKENBEARD

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We design, manufacture, and build robust training systems including physical and digital components. Experience – since 1966. Qualified – AS9100 quality, ITAR, CMMC preparation in process. Fast – healthy sense of urgency and Rapid niche. Capable – state-of-theart facility with in-house engineering, manufacturing, and build.

High fidelity and robust mechanical mock-ups provide personnel with optimized training experiences that mimic real world scenarios. These

physical mock-ups are designed to be cost effective and durable to sustain daily training activity while limiting resource expenditures, preserving safety, and allowing access to serious but infrequent events.

Duplicate training mock-ups can be produced at low cost and very quickly to scale training capacity very quickly. Early and rapid physical prototypes in the hands of experienced maintenance personnel and engineers can be used to spot design flaws and develop maintenance instructions, well before first deployment.

810 Progressive Lane, South Beloit, IL 61080

Phone: 815-226-0291

Website: www.clinkenbeard.com

#### DESIGN INTERACTIVE, INC.

Design Interactive Inc. (DI) is an Orlando-based woman owned small business specializing in empowering humans through innovative technologies. With 22 years in business, DI has cultivated a unique approach to developing software solutions that capitalize on the organization's extensive knowledge in Human Factors, Software Development, User Experience Design and Data Science. Since its inception, DI has expanded into three distinct divisions, Extended Reality, Biosignature Analytics, and Performance Augmentation.

3504 Lake Lynda Drive, Suite 400, Orlando, FL 32817

Phone: 407-706-0977

Website: www.designinteractive.net

#### DISTI CORPORATION

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#### SPONSOR

From flight simulators to virtual maintenance training, DiSTI's tenure serving the DoD industry spans 25 years. We have been prime, or subcontractor, to some of the largest global programs for vehicle, airframe maintainer and operator trainers. Our diverse portfolio includes the U.S. Army, U.S. Air Force, U.S. Navy, U.S. Marines, Air National Guard, along with a global array of organizations and agencies whose operations are trusted to DiSTI solutions and services.

Our line of services for military customers help clients improve the effectiveness of skills transfer, increase knowledge retention, and provide experiential training in real-time, data-driven applications.

DiSTI professional solutions in the realm of virtual reality help promote higher engagement through interaction. Our software development platform solutions allow for the rapid prototyping of complex avionics displays for seamless integration into training simulators and production vehicles and aircraft.

DiSTI solutions promote optional performance by developing revolutionary approaches to training. Be it land, sea, or air our programs are not only preferred by the trainer but enhance the efficacy of the trainee.

11301 Corporate Boulevard, Suite 100, Orlando, FL 32817

Phone: 407-206-3390 Website: www.disti.com

#### EXPLOTRAIN, LLC

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Since 1999, Explotrain has provided over 2,000 battlefield effects simulators under multiple patents to more than 100 military, law enforcement, and defense installations worldwide. As a company, Explotrain has invented, developed, and produced much of the technology used to train EOD and C-IED operations and is the only company that produces simulators using propane/oxygen, compressed air, and CO2 powered effects. Explotrain is also the only company to provide blast overpressure testing data for compliance with DoD 6055.9 and AFMAN 91-201.

All Explotrain products are original and designed to be as rugged and easy to use as possible. Interoperability and compatibility between similar products are maintained in order to provide a consistent and intuitive training platform for instructors. All simulators and remote controls are waterproof and aluminum housings and components are either powder coated or hard anodized.

Explotrain is the oldest company providing battlefield effects to the U.S. military and provides training tools that are used in the classroom that seamlessly transition from an instructional setting to indoor/urban scenarios of full blown outdoor simulated combat settings.

26 Eglin Parkway SE, Suite 2, Fort Walton Beach, FL 32548

Phone: 850-862-5344 Website: www.explotrain.com

#### FORCE-X

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Force-X is your source for technical talent. We're a niche company that supports our clients throughout the world, leveraging a wealth of innovative recruiting strategies to present only the top available talent tailored to your company. Whether you are looking for a short-term or permanent employee, our team is standing by to deliver immediate results.

135 Boardwalk Avenue, Oviedo, FL 32765

Phone: 407-434-9244 Website: www.force-x.net

#### FOXGUARD SOLUTIONS

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FoxGuard designs & builds custom computer solutions. We work closely with our partners to provide the best overall value for Image Generation computers, IOS, & fully-populated IG racks. We

will be showcasing the BANTAM III and the XR-3 from Varjo. The XR-3 delivers the most immersive mixed reality experience ever constructed, featuring photorealistic visual fidelity across the widest field of view of any XR headset. The BANTAM product portfolio of ultra-small form factor computers, can help meet the needs of the requirements found in programs that require solutions that are portable, light weight, and can fit in a small ruggedized transport case.

2285 Prospect Drive, Christiansburg, VA 24073

Phone: 540-382-4234

Website: foxguardsolutions.com/simulation-and-training/

#### FRASCA INTERNATIONAL, INC. 20

FRASCA International designs and manufactures simulation technology and components that increase pilot safety. Founded in 1958 and based in Illinois, the company leads the industry in simulation technology and consistently delivers exceptional quality products and services based on a customer's unique requirements. Frasca produces a range of high-fidelity, competitively priced simulation equipment designed to prepare every pilot for real-world mission scenarios. Over 3000 Frasca simulators have been delivered worldwide. Frasca is ISO: 9001:2015 certified.

906 Airport Road, Urbana, IL 61802

Phone: 217-344-9200 Website: www.frasca.com

#### **GENERAL DYNAMICS MISSION SYSTEMS**

#### **SPONSOR**

General Dynamics Mission Systems provides mission critical solutions to those who lead, serve and protect the world we live in. We are a technology integrator and original equipment manufacturer with deep domain expertise in ground, sea, air, space and cyberspace. Our technology and products are often built into platforms and integrated systems to make them smarter. We have industry leading technologies and a unique combination of products and capabilities that are purpose built for high consequence of failure C4ISR and cybersecurity applications. With more than 60 years of proven performance, we enable our customers to stay ahead of evolving threats and successfully accomplish their missions.

12001 Research Parkway, Orlando, FL 32826

Phone: 877-449-0600

Website: www.gdmissionsystems.com

#### HAPTECH DEFENSE SYSTEMS

#### **SPONSOR**

Haptech Defense Systems designs and manufactures the most advanced weapon simulators on the market. Haptech's patented Electromagnetic Recoil System (ERS) puts the reality back in virtual combat training, offering truly unimpeded immersion with powerful haptic feedback in a rugged and sustainable design. From small arms to heavy weapons, Haptech's scalable technology brings warfighter training into the future.

612 Andrew Higgins Boulevard, New Orleans, LA 70130

Phone: 888-680-7737 Website: www.haptech.co

#### IDS INTERNATIONAL

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Social Media Environment and Internet Replication™, a product of IDS International, is a digital training solution that provides an immersive, realistic, and scalable operational practice environment. In this environment, warfighters simultaneously train on social media analytics and full-spectrum cyberspace operations, during integrated and multi-dimensional exercises.

Content is flexible and customizable, covering everything from social media analysis and engagement, to network mapping. Before each training exercise, commanders provide experts with their operational problem sets, then the platform is tailored to provide force-on-force scenarios that address each problem set. Subject matter experts (SMEs) lead each training exercise, providing real-time feedback for every client operator. Once the exercises are complete, SMEs perform after-action reviews, providing additional recommendations to bolster operational readiness.

By replicating realistic internet environments within a closed network, our platform delivers the ability to conduct unrestricted offensive and defensive cyber and information operation training. It is the only solution of its kind to combine information operations and a cyber range into one virtual training platform.

Our platform is used at the Joint Readiness Training Center, National Training Center, Cybertropolis, and at civilian locations hosting Mission Readiness Exercises. U.S. Army Special Forces, Psychological Operations, and Civil Affairs units from team to battalion levels have all used our platform to meet their training needs.

2500 Wilson Boulevard, Suite 200, Arlington, VA 22201

Phone: 703-875-2212 Website: www.smeir.net

#### KBR 10

KBR Government Solutions U.S. ensures mission success for customers on land, at sea, in the air, in space and in cyberspace. As the team behind the mission, we create value and drive innovation by combining engineering, technical and scientific expertise with our full life cycle capabilities, mission knowledge and future-focused technologies. We are known for excelling in complex and extreme environments, and trusted to overcome the nation's most pressing challenges. KBR is engineering solutions for the needs of today and tomorrow, safely and efficiently. We are the future, designed and delivered.

13501 Ingenuity Drive, Suite 132, Orlando, FL 32826

Phone: 407-273-9110 Website: www.kbr.com

#### KENTUCKY TRAILER

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Kentucky Trailer is the premier manufacturer of specialty vehicles and mobile platforms for military applications such as training and simulation, command and communications, recruiting, and medical applications.

Platforms available include standard and expandable trailers offering over 1,000 square feet of floor space, ISO shelters of multiple sizes and configurations, and self-propelled units on a variety of chassis.

Kentucky Trailer was founded in 1879 as the Kentucky Wagon Manufacturing Company and soon became the largest wagon manufacturer in North America. During World War II, the U.S. government commissioned Kentucky Trailer to manufacture trailers to transport heavy equipment, beginning a longstanding relationship with our military.

For further information, please contact: John Mattman, 800-521-9701, ext. 117, jmattman@kytrailer.com

48282 Frank Street, Wixom, MI 48393

Phone: 800-521-9701

Website: www.kytrailer.com

#### MAK TECHNOLOGIES

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#### **SPONSOR**

MAK Technologies is a global leader in modeling and simulation software that links, simulates and visualizes virtual worlds in networked synthetic environments. Continuing a tradition that stretches back almost three decades, our tools are used by the world's top organizations for training, experimentation, mission rehearsal, research and development, and virtual prototyping. We empower our customers to build on top of our open standards-based COTS platforms, and assist customers in creating winning systems.

150 CambridgePark Drive, 3rd Floor, Cambridge, MA 02140

Phone: 617-876-8085 Website: www.mak.com

#### MAYVIN, INC.

#### **SPONSOR**

Mayvin supports immediate warfighter solutions to enhance mission support services specializing in Engineering Services, Cyber Operations, Operations Management, and Technology Integration and Evaluation for Government organizations. As a recognized leader in the Federal Government acquisition community, Mayvin provides technical advisory services to assist the Government with program management across all lifecycle activities, from concept development through contract close-out. These services support all systems engineering, acquisition management, and logistics functions. Mayvin offers rapid and agile support to quickly respond to ad hoc, high-

priority tasks and rapid turnaround projects that require a broad range of skill sets. We operate effectively in both CONUS and OCONUS and staff any project rapidly with qualified SMEs, integrating best industry practices and efficient processes to complete projects more effectively.

4312 Evergreen Lane, Suite B-D, Annandale, VA 22003

Phone: 703-750-1794 Website: www.mayvin.com

#### PATCO ELECTRONICS

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PATCO Electronics (PATCO) is the leading producer of Land Warrior Lithium-Ion Batteries and Battery Chargers designed to support various training platforms for PEO STRI and PM TRASYS. Land Warrior Batteries are used in support of live training systems including but not limited to MILES, Advanced MILES, HITS, I-HITS, ITES, ITES II and CTC-IS. Land Warrior batteries have been used to support both domestic and international live training programs and are safety approved to be man wearable lithium-ion battery packs.

PATCO Electronics (PATCO), a division of Creating Technology Solutions, is a Woman Owned, Minority Owned, EDWOSB/WOSB Certified Small Business based in Clearwater Florida. Founded in 1992, PATCO designs and manufactures leading-edge rechargeable Lithium Ion (Li-Ion), Nickel Cadmium (NiCd) and Nickel Metal Hydride (NiMH) battery packs, battery chargers and custom engineered power solutions. In support of live training systems throughout the world, PATCO has produced in excess of 200,000 Lithium-Ion Land Warrior Batteries currently in use.

5250 140th Avenue North, Clearwater, FL 33760

Phone: 727-812-0629

Website: www.patcoelectronics.com

#### **POLHEMUS**

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For 50 years, the Polhemus mission has remained the same. We give customers the power to break new ground through innovative, cost effective enabling technologies for the real and virtual world. We engineer and manufacture specialized 6DOF magnetic motion trackers delivering drift-free, high precision position and orientation measurements. Our systems track pilot line-of-sight, warrior posture and movement, and simulated military equipment to maintain the utmost simulation fidelity.

40 Hercules Drive, Colchester, VT 05446

Phone: 802-655-3159

Website: www.polhemus.com

#### QUALIS CORPORATION

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Qualis Corporation is a Woman-Owned Small Business, headquartered in Huntsville, Alabama, with a 28-year history as a trusted Department of Defense and NASA partner. Our core

competencies support Technical and Acquisition Services; Modeling and Simulation; Systems Engineering and Integration; Cyber and IT Solutions; Logistics and Training Operations; Research and Development, and Test and Evaluation of Weapons Technology in support of Department of Defense, Homeland Defense, Human Spaceflight and Space Warfare.

360B Quality Circle, Suite 250, Huntsville, AL 35806

Phone: 256-971-1708

Website: www.qualis-corp.com

#### **QUANTUM3D**

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Quantum3D, headquartered in Milpitas, CA, in the heart of Silicon Valley, with an office in Orlando, FL is a leading developer and manufacturer of real-time visual simulation systems and provider of realistic 3D Graphics Solutions for applications requiring low to highend imagery for Military and Civilian customers.

Quantum3D focuses on delivering Commercial-off-the-Shelf (COTS) and open architecture solutions. We combine mainstream PC-based technologies with our unique, value-added hardware, software, and integration services to deliver industry-specific visual computing solutions. More than 2000 Out the Window (OTW) and sensor channels have been installed at commercial and military customers around the world.

Quantum3D has been providing the US Army, Navy, Air Force, Marines, and International partners, realistic training and simulation tools for many years. Our products and services support all types of training for sea, air and land missions. Q3D can deliver hardware & software design and development, maintenance and service, system integration and installation, MANTIS® - scalable, real-time image generation software, simulator modernization and upgrades, visual database design, training and simulation, and high-performance image generation hardware.

920 Hillview Court, Suite 145, Milpitas, CA 95035

Phone: 408-600-2500 Website: quantum3d.com

#### RAPID PROTOTYPING SERVICES 17

Established in 2004, RPS provides quick turn 3D PRINTING. RPS makes mechanical prototypes using ABS, ABS-ESD7, ASA, POLYCARBONATE, PC/ABS, NYLON-12, NYLON-12CF, ULTEM 9085/1010, and POLYPHENYLSULFONE, ANTERO and TPU. Since 2004 we've offered advanced product development services including 3D cad modeling, prototyping, production up to 500pc, appearance models, tooling and fixtures. RPS is a woman-owned, small business, with an AS9100D/ISO 9001:2015/ITAR Certification.

710 S. Patrick Drive, Satellite Beach, FL 32937

Phone: 321-536-2611 Website: www.rapidps.com

#### **SPONSOR**

For over 30 years, RAVE Computer has provided innovative, purpose-built, high-performance compute solutions. RAVE consults with our clients to solve challenges pertaining to product selection, life-cycle management, performance, size, weight, power, acoustics, thermals, and COTS ruggedization. We proudly provide COTS and custom-engineered solutions optimized to meet specific customer requirements. Whether you're a product designer, or deploying training and simulation at the point of need, or in virtual production, RAVE Computer has specialized in computer integration for more than 30 years, and our deep relationships with technology OEMs give us early access to the most cutting-edge technology components.

7171 Sterling Ponds Court, Sterling Heights, MI 48312

Phone: 800-966-7283 Website: www.rave.com

#### SIMIGON, INC.

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SimiGon Inc. (SimiGon) is a small business based in Orlando, FL and a provider of advanced Commercial Off the Shelf (COTS) training and simulation technologies and solutions to the United States Government (USG), its allies and large and small defense/aerospace and training organizations.

SimiGon's modular, scalable, Extended Reality (XR)-ready, Open System Architecture (OSA) training solutions are comprised of an LMS with an internal, high-fidelity 3D simulation engine, Al Virtual Instructor, high resolution terrain, Distributed Mission Training (DMT), Playback/Debrief, advanced performance tracking and simulation data analytics.

SimiGon's know-how and experience of aircrew and maintainer training solutions are demonstrated in its software product line, system engineering, simulation content development methodologies, live and virtual maintenance training, subject matter expertise and program lifecycle support.

Aircrew and maintainer training solutions with SimiGon technologies include the F-35 Joint Strike Fighter (JSF), F-16, F-15, F/A-18, Eurofighter, C-130, M346, M345, Hawk, T-6, Grob, Predator and ScanEagle.

SimiGon's scalable and extensible training technologies and solutions can be seen supporting the largest training programs in the world.

111 S. Maitland Avenue, Suite 210, Maitland, FL 32751

Phone: 407-951-5548 Website: www.simigon.com

#### **SPONSOR**

Team Orlando News is an independent news group that focuses on Team Orlando military, industry, and academic organizations working in the Modeling, Simulation, and Training industry sector. A resource for news stories and information from MS&T companies and core Team Orlando members, Team Orlando News showcases technologies and trends about people and programs that are influential in building the industry. Organizations are invited to submit news, subscribe to the newsletter, and advertise products and services. Email media@teamorlando.org.

353 Forest Trail, Oviedo, FL 32765

Phone: 407-620-3357

Website: www.teamorlando.org

#### THEISSEN TRAINING SYSTEMS, INC. 8

Develop, produce, and install complete training range systems for Small Arms Ranges, Military Operations in Urban Terrain (MOUT) facilities, and Combined Arms Live-Fire Exercise (CALFEX) Ranges that include Tank and Attack Helicopter operations.

3705 SW 42nd Avenue, Gainesville, FL 32608

Phone: 352-490-8020

Website: www.theissentraining.com

#### TREX POWERED BY NSTXL

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#### **SPONSOR**

The Training and Readiness Accelerator (TReX) expedites development, demonstration, and delivery of prototypes to increase Warfighter readiness. With a focus on modeling, simulation, and training, TReX provides the United States Government with an agile mechanism to iterate and refine critical technologies to keep pace with ongoing and emerging challenges. By actively incorporating structured operational user feedback, TReX will identify and develop innovative solutions to inform material procurement requirements and acquisition.

TReX is a new era public-private partnership that is managed by the National Security Technology Accelerator (NSTXL). Utilizing a broad innovation platform, TReX brings a first-of-its-kind capability to the U.S. Department of Defense. The Accelerator operates as a highly efficient, open-source network of top innovators across the innovation ecosystem, including industry, academia, investors, laboratories, and government. TReX provides support and engagement across the full life cycle of innovation from problem definition to ideation and solution prospecting through technology development and delivery.

3259 Progress Drive, Orlando, FL 32826

Phone: 800-364-1545

Website: trainingaccelerator.org

Phone: 703-462-7750

Website: www.onevaliant.com

#### **SPONSOR**

Headquartered in Herndon, VA with operations on six continents countries, Valiant is a global government services contractor with 5,000 associates and more than 120 locations worldwide that provides vital resources, high-value solutions, and critical support services for essential missions of the U.S. Government, its allied partners, and international organizations. With a focus on aerospace and defense, national security and intelligence, and civil government, we deploy expertise for our customers in the areas of Engineering and Analysis, Logistics and Sustainment, Mission and Contingency Operations, Training, Simulation and Readiness, Program Management, and Operations, Maintenance and Management. Valiant enables government departments and agencies, global peacekeepers, relief workers, and emergency response teams to efficiently and effectively complete their missions in some of the most complex environments across the globe.

#### VIRTRA

Our goal is to help service members stay alive on the battlefield and return home safely. This is why VirTra creates powerful, immersive training solutions that keep military personnel safe, prepared and armed with sharp skills. These include durable drop-in recoil kits, which convert live firearms into simulation-ready weapons with no permanent modification, and the Threat-Fire® stress inoculation device, which brings consequences to training through the form of an electric impulse that simulates return fire and explosions. Now, your unit can train to the highest level of preparedness.

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7970 S Kyrene Road, Tempe, AZ 85284

Phone: 480-968-1488 Website: www.virtra.com



#### NATIONAL TRAINING AND SIMULATION ASSOCIATION

The National Training and Simulation Association (NTSA) is America's premier organization representing the interests of the modeling and simulation community worldwide. As such, it serves as a constant point of contact for government, academia, industry, research organizations and the military to exchange information, share knowledge, align business interests and in general stimulate growth and overall advancement of the industry. NTSA pursues these goals through a series of conference, meetings and exhibitions throughout the year. NTSA produces The Interservice/Industry Training, Simulation and Education Conference (I/ITSEC), which is the world's largest conference and exhibition dedicated to modeling and simulation. While NTSA primarily serves the North American community of practice, many of its members and participants are non-US. NTSA is a key member of the International Training and Simulation Alliance (ITSA), a worldwide group of simulation associations that promotes knowledge and information about training and simulation worldwide.

## SAVE THE DATES

## SIMULATION & TRAINING COMMUNITY FORUM (STCF) 2021

August 11, 2021 Fairborn, OH

#### **IFEST 2021**

**August 30-September 1, 2021** Virtual Conference

#### IT2EC 2021

**September 8-10, 2021** Rotterdam, Netherlands

# INTERSERVICE/INDUSTRY TRAINING, SIMULATION & EDUCATION CONFERENCE (I/ITSEC) 2021

**November 29-December 3, 2021** Orlando, FL

#### **M&S LEADERSHIP SUMMIT**

Date TBD
Location TBD

#### **MODSIM WORLD 2022**

**May 9-11, 2022** Norfolk, VA

# TRAINING & SIMULATION INDUSTRY SYMPOSIUM (TSIS) 2022

**June 2022**Orlando, FL

#### **CAPITOL HILL M&S EXPO 2022**

Date TBD
Location TBD

TrainingSystems.org/Events