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SCALABLE Networks to Exhibit and Present at I/ITSEC 2017

- Booth 1109 will show interactive demos and we will present "Modeling Underwater Communications in Live, Virtual and Constructive Environments" -

Culver City, CA (14 November 2017) -- SCALABLE Network Technologies, Inc. (SCALABLE), a leader in wireless network design and optimization tools, announced today that Terry Whelan, a SCALABLE Senior Software Engineer, will be presenting "Modeling Underwater Communications in Live, Virtual and Constructive Environments" on 29 November at I/ITSEC in Orlando, FL. This paper describes UCN-X, a scalable UCNs simulator that can be used to investigate real-time underwater command and control, data transfer and exfiltration. UCN-X leverages parallel discrete-event model execution and system-in-the-loop interfaces from EXata, to provide a scalable, live, virtual, constructive (LVC) UCN simulator that can interface with live modems and mission operation and management software applications.

In addition, SCALABLE team members will showcase these UUV modeling capabilities, as well as, interactive demos featuring our cutting-edge software solutions in Booth 1109. We will be featuring our live-virtual-constructive (LVC) cyber training system, Network Defense Trainer (NDT) which integrates cyber warfare with traditional kinetic warfare training, allowing attacks in one domain to affect the other. The system integrates real and simulated cyber-attacks, wired and wireless virtual networks, live and virtual equipment and applications, and traditional kinetic warfare training simulators into a full, instrumented, synthetic cyber warfare training environment

Furthermore, we will show how our EXata simulation software, is used for evaluating battlefield and critical infrastructure network environments resiliency to cyber-attacks, including our new cyber-physical integrated solution with OPAL-RT power simulators.

"We are very eager to present an exhibit at the I/ITSEC conference," stated L. Christine Van Slyke, MBA, SCALABLE VP of Sales, Marketing and Business Development. "This is a great opportunity to update the training community on continuing technical innovations at SCALABLE and introduce a new technology to incorporate unmanned systems. Our live demos will feature new enhancements to our core cyber and training products that showcase our advanced capabilities. "

Contact us to schedule an appointment at I/ITSEC 2017 and learn more about how SCALABLE solutions can help your business model and visualize communications networks and cyber threats.

About Terry Whelan

Terry Whelan is a Senior Software Engineer at SCALABLE Network Technologies. He received a BSc degree in Physics from the University of Reading UK. As a graduate student at the University of Iowa, he developed distributed particle in cell numerical simulations of auroral processes. Throughout his eight years at SCALABLE, he has been instrumental in modelling the physics contained in propagation models, multi-antenna (MIMO) systems, and high performance data logging.

About SCALABLE Network Technologies

Based in Culver City, California, SCALABLE provides network design, modeling and analysis tools, cyber training and assessment solutions and engineering support services to commercial enterprises, government and defense agencies, research organizations and educational institutions around the world.

SCALABLE solutions integrate simulated virtual network models with physical hardware and applications, allowing users to reduce the time, cost and risks of developing, testing and deploying large, sophisticated wired and wireless networks and new communications equipment, and train personnel on cyber defense.

More information on the company is available at scalable-networks.com.

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