SCALABLE Releases JNE Version 4.5

– Update to Joint Network Emulation Library for tactical battlefield communications planning, test, analysis and training supports significant new functionality –

Culver City, CA (21 April 2015) -- SCALABLE Network Technologies, Inc. (SCALABLE), a leader in wireless network, design and optimization tools, announced today the availability of version 4.5 of the Joint Network Emulation Library (JNE). A GOTS library of military waveform models and interfaces, JNE runs on EXata, SCALABLE’s COTS modeling and simulation application to provide military personnel and defense contractors with a high-fidelity live-virtual-constructive (LVC) modeling and simulation environment to quickly and cost effectively plan battlefield network architectures and mission scenarios, test new radios and emerging network components in operationally accurate contexts and at scale deployments and train warfighters on operational behavior. “This release of JNE is just part of our ongoing commitment to deliver more value to our customers” stated Jim Zierick, SCALABLE’s CEO. “We will continue to innovate and invest to increase the accuracy and scalability of our models, improve the analytic capabilities of our products and make them easier to use across the full range of use cases.”

The JNE 4.5 release includes support for new modeling functionality and enhanced waveform, propagation and application models. Significant new features include:

▪ Support for Scenario Player, SCALABLE’s high resolution 3D graphical visualizations tool
▪ JNE Shell, a configuration debugging tool that provides features for interacting with and obtaining information from scenarios being executed, providing simple network utilities, such as ping and trace route that can be run on top of the emulated network elements and commands for displaying emulation information while scenarios are running
▪ The addition of hop-by-hop packet information for simulated traffic and comprehensive tracking of externally injected IP traffic for improved scenario analysis
▪ Support for airborne platform mobility modeling
▪ Updated and enhanced waveform, propagation and application models including the Adaptive Networking Wideband Waveform (ANW2), WNW version 4.0.8.1, MUOS HAipe, OSPF authentication, TGEN along with support for the latest TIREM model
▪ Support Flexera’s Trusted Storage utility for simplified license management

JNE 4.5 is available now and includes the WNW, SRW, WIN-T, MUOs and other waveforms, as well as, interfaces to OneSAF, other CGF simulations and live hardware and applications. JNE is now supported on 64-bit platforms running the development installations of CentOS 5.10, CentOS 6.x, RHEL 5.10, or RHEL 6.x, or Ubuntu 12.04 LTS.
Originally developed with DoD SBIR funding, JNE is available at no charge to approved government organizations and defense contractors and along with EXata, can be acquired directly from SCALABLE Network Technologies.

For more information on SCALABLE solutions, contact the company at info@scalable-networks.com or call +1.424.603.6361.

**About SCALABLE Network Technologies**

Based in Culver City, California, SCALABLE provides network design and analysis tools and cyber training systems that enable customers around the world to develop, test and deploy large, sophisticated wireless networks and communications equipment.

Our solutions integrate software virtual networks with physical hardware and applications, allowing user to rapidly test a wide range of highly realistic scenarios for enhanced operational planning, training and communications without the expense of building out physical infrastructure.

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

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