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Multifunctional Information Distribution Systems (MIDS) Contract Awarded to SCALABLE Network Technologies

– Our effort will focus on the design, implementation, and test of the application traffic generator–

Culver City, CA (18 September 2017) -- SCALABLE Network Technologies, Inc. (SCALABLE), a leader in wireless network design and optimization tools, announced today that the company was awarded an independent SBIR Phase II Multifunctional Information Distribution System (MIDS) contract to support enhancements to the Joint Tactical Radio System Network Emulator (JNE) waveforms model. The contract from the MIDS Program Office (MPO) for MIDS Joint Tactical Radio System (MIDS JTRS) is follow-on to previous Army and Navy Small Business Innovative Research (SBIR) efforts with SCALABLE.

The objective of this Phase 2 is to provide a model at the application layer that can be used for parametric, bi-directional traffic generation that works across a number of relevant tactical waveforms. The application will be useful to assess operational performance of tactical battlefield networks that have been modeled using simulators and emulators like the JNE.   SCALABLE will develop an appropriate model, together with a GUI to facilitate rapid configuration of application traffic, integrate it with existing JNE and EXata models, demonstrate its utility in enhancing analysis of complex tactical scenarios, and deliver the tested model to the MPO. Our team of senior engineers and managers has decades of experience in network protocol development, modeling and simulation, and integration of live, virtual and constructive Department of Defense (DoD) networks and systems. This specialized background puts SCALABLE in a unique position to develop the technology proposed for this Phase 2 SBIR.

"This contract award is based on our decades of experience in network protocol development, modeling and simulation, and integration of live, virtual and constructive DOD networks and systems," said Jeff Weaver, Vice President of Engineering at SCALABLE. "SCALABLE has consistently been able to address the ever-evolving needs of our defense and commercial communities with our innovative software solutions. Our services and solutions provide significant enhancements to support the new generation of traffic generation waveform models."

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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