NEWS

Shared Spectrum Company Selected to lead DoD 5G Spectrum Sharing-Technology Development and Evaluation Award

Vienna, VA – October 8, 2020 –Shared Spectrum Company, a leading innovator of spectrum intelligence software and solutions, was selected for award to develop a Dynamic Spectrum Utilization system at Hill Air Force Base, Utah. This project enables dynamic spectrum sharing between Air Force radars and 5G cellular services in the 3.1 – 3.45 GHz band. The project will develop sharing/coexistence system prototypes and evaluate their effectiveness with real-world, at-scale networks in controlled environments. SSC's approach maintains continuous 5G communications via early radar detections and 5G-enabled Dynamic Spectrum Access.

"Dynamic Spectrum Utilization is a critical technology that expands DoD and commercial 5G access to spectrum by enabling real-time spectrum sharing on a non-interference basis. Additionally, Dynamic Spectrum Utilization provides system robustness when operating in contested spectrum. SSC's fifteen years of spectrum sharing development experience and world-class technology will help DoD rapidly make more spectrum available through dynamic sharing." Scott Seidel, SSC Chief Technical Officer.

This project is part of the Department of Defense's $600 million in awards for 5G experimentation and testing at five U.S. military test sites, representing the largest full-scale 5G tests for dual-use applications in the world. Each installation will partner with military Services, industry leaders, and academic experts to advance the Department's 5G capabilities. Projects will include piloting 5G-enabled augmented/virtual reality for mission planning and training, testing 5G-enabled Smart Warehouses, and evaluating 5G technologies to enhance distributed command and control.

About Shared Spectrum Company
Founded in 2000, SSC is a leading developer of spectrum intelligence technologies. Based in Vienna, Va., the company has developed innovative cognitive radio technologies for wireless applications in a broad range of the frequency bands. Additional information is available at www.sharedspectrum.com.

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