NEWS

Shared Spectrum Company Selected to lead DoD Spectrum Sharing Award

Vienna, VA – October 6, 2021 –Shared Spectrum Company (a leading innovator of spectrum intelligence software and solutions) was awarded a contract to develop technologies to advance dynamic spectrum sharing. The Multiband Control Channel Architecture (MICCA) project will enable dynamic spectrum access for large force exercises and other spectrum-intensive scenarios. MICCA will leverage Machine-to-Machine (M2M) protocols and interfaces to enable near-real-time command, control, and communications. The MICCA's ultimate goal is to enable flexible spectrum access and agility by developing a standardized method for distributing spectrum parameters, data products, and related control messages. This will allow for "closed-loop" spectrum operations in near real time. Subcontractors in the project include non-traditional Drexel University and Peraton Labs.

"We are excited to be a part of DoD's continuing development of technologies and tools for assured spectrum access," said Todd Martin, President of Shared Spectrum Company. "We look forward to helping the DoD test and training community implement spectrum sharing capabilities. MICCA will allow DoD increased access to spectrum for testing advanced systems and conduct the training needed to maintain operation readiness."

The MICCA project is part of the Department of Defense's DoD's Spectrum Access Research & Development (SAR&DP) Program. SAR&DP is developing a coordinated tool set of near real time spectrum management technologies that leverage machine learning/artificial intelligence to more efficiently and dynamically allocate spectrum assignments based on operational planning and intended operational outcomes. MICCA is a National Spectrum Consortium project that is developing electromagnetic spectrum (EMS) management technologies

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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