NEWS

Shared Spectrum Company demonstrated to the Department of Defense the most complete Dynamic Spectrum Access tactical radio software including network scalability, network topology, interference and network management integration.

Vienna, VA –– Shared Spectrum Company, a leading innovator of spectrum intelligence software and solutions, demonstrated on September 26, 2018 its advanced Dynamic Spectrum Access (DSA) system under a multi-year Department of Defense (DoD) contract. SSC (with teammates Northrop Grumman and GIRD Systems) demonstrated the most advanced and technically sophisticated DSA system to date. The demonstration showed SSC's DSA Core software that was highly integrated into a military waveform and it also showed that the DSA Core software could control another waveform simultaneously without a high level of integration. During the 30 node/multi-waveform demonstration, the SSC's DSA system far outperformed the identical network without DSA. This impressive milestone provided definitive proof that DSA can be fully integrated into a military waveform with a high readiness level. SSC's DSA was able to operate within predetermined spectrum policy and rules. The DSA Spectrum Policy Enforcement enabled the Commander's Intent and also adhered to the Spectrum Managers' requirements, especially important in a coalition environment. This level of performance will give the Spectrum Managers the confidence needed to permit field operations of DSA. The rapid speed of interference detection and frequency migration permits a near seamless operation greatly enhancing the warfighter's ability to communicate in a highly contested and congested spectrum environment.

About Shared Spectrum Company
Founded in 2000, SSC is a leading developer of spectrum intelligence technologies. Based in Vienna, Virginia, 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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