

Key Bridge Signs Spectrum Sharing Contract for Defense Information Systems Agency

Extends mature, commercially supported Spectrum Access System to the 2025-2110 MHz Band

Tuesday, October 4, 2016

McLean, VA

Key Bridge LLC is pleased to announce that it recently executed a contract to customize and operate its commercial Spectrum Access System (“SAS”) in the the 2025 – 2110 MHz Band for the Defense Information Systems Agency, Defense Spectrum Organization.

The competitive award represents a significant milestone for Key Bridge’s Spectrum Access System, which heretofore has enabled sharing and dynamic spectrum access amongst commercial licensed and unlicensed users and will now also service Government users. “In the 2025 – 2110 MHz Band the Government is a secondary user,” said Jesse Caulfield. “Our commercial SAS will provide the Government with complete spectrum situational awareness in this band and enable them to be an excellent neighbor to primary commercial users nationwide.”

In January 2015, the U.S. government concluded an auction of the 1755 – 1780 MHz Band for Advanced Wireless Services. As part of the auction some DoD systems must relocate operations into the 2025 – 2110 MHz band, where they will share spectrum with existing Part 74 Electronic News Gathering (“ENG”) applications on a secondary basis. As a rule, non-primary spectrum users must not cause harmful interference to a primary application. DoD spectrum administrators therefore need to know which spectrum resources are available that will not impact civilian use.

As part of the award, the Key Bridge SAS will be extended to determine and provide spectrum sharing, occupancy and frequency coordination information for the 2025 – 2110 MHz Band in real-time for the entire United States and territories. The SAS will also support neutral interference incident reporting, among other functions.

The award aligns with DoD’s current Electromagnetic Spectrum Strategy, which strongly endorses opportunistic use of spectrum and states that “DoD investments in spectrum technologies will augment commercial innovation, which will benefit the overall national wireless ecosystem.” The Key Bridge SAS directly addresses several DoD strategic objectives, including:

- Accelerate the fielding of technologies that enable spectrum sharing and improve access opportunities
- Cultivate and adopt commercial service capabilities
- Develop the ability to perform near-real-time spectrum operations
- Advance the ability to identify, predict, and mitigate harmful interference

About Key Bridge LLC

Key Bridge is a leading provider of government-certified shared spectrum administration services and registry databases. Key Bridge develops and offers low-cost, very high-performance wireless spectrum coexistence technologies, products and services. We make spectrum sharing simple.

Key Bridge presently administers 294 MHz of spectrum below 1 GHz in the United States under Part 15 TV-White Space rules and recently submitted a proposal to operate its SAS in the 3500 – 3700 MHz band as part of the FCC's recently developed Part 96 Citizens Broadband Radio Service.

More information about Key Bridge LLC can be found at <http://www.keybridgeglobal.com> .

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