# Seven Wireless Innovation Forum Members File in "First Wave" of FCC's Spectrum Access System Administrator and Environmental Sensing Capability Operator Request

**For Immediate Release**

**Washington, DC, 17 May 2016** – The Wireless Innovation Forum (WInnForum) a non-profit international industry association dedicated to driving the future of radio communications and systems worldwide, today congratulated seven of its member organizations for filing Spectrum Access System (SAS) Administrator and Environmental Sensing Capability (ESC) Operator applications with the FCC on 16 May. The FCC distributed a public notice requesting "First Wave" proposals as directed by the First Report and Order and Second Further Notice of Proposed Rulemaking, GN Docket 12-354 (3.5 GHz Order) on 15 December 2015.

Member organizations filing with the FCC as candidate SAS administrators include: Amdocs (NASDAQ: DOX), Comsearch, a CommScope Company (NASDAQ: COMM), CTIA, Federated Wireless, Google (NASDAQ: GOOGL), Keybridge and Sony (NYSE: SNE). Comsearch, CTIA, Federated Wireless, Google, and Keybridge also filed as candidate ESC Operators. The FCC comments on these applications here: https://www.fcc.gov/news-events/blog/2016/05/17/continuing-momentum-35-ghz-band.

All of the organizations filing to be SAS administrators are members of the Forum's Spectrum Sharing Committee (SSC), which was established to develop the solutions and standards that will encourage rapid development of the CBRS ecosystem, protect incumbent operations, and benefit all potential stakeholders in the band. The SSC benefits from participation of a broad based group that includes wireless carriers, network equipment manufacturers, potential SAS and ESC Administrators, satellite operators, existing 3650-3700 MHz band licensees, and other parties with an interest in the 3550 MHz band.

"It is exciting to see the interest in this first wave of CBRS proposals to the FCC by such a broad base of technology leaders," said Bruce Oberlies of Motorola Solutions (NYSE: MSI) and Chair of the Wireless Innovation Forum. "The experience these companies bring to the 'innovation band' and their dedication to collaboration with all the relevant stakeholders will ensure the commercial success of the band and this new spectrum sharing model."

SASs and ESCs are essential components necessary for future operations in the 3.5 GHz Band. SASs will serve as advanced, highly automated frequency coordinators across the band, protecting higher tier users from harmful interference from lower tier users and optimizing frequency use to facilitate coexistence among all users in the band. The ESCs will consist of networks of sensors that will detect the presence of signals from federal systems in the band and communicate that information to one or more SASs to facilitate protection of federal operations in the band.

The Forum's SSC has formed four work groups and 11 task groups; participation in these groups currently encompasses some 200 participants from more than 50 different organizations. Approved and released work products from the committee, representing tens of thousands of hours of combined effort by these participants over an 18-month period following the Forum's Lean Standards Development Model$^{TM}$, include:

- CBRS Operational and Functional Requirements Specification (WINNF-15-S-0112, Version 1.0.0, May 2016, http://groups.winnforum.org/d/do/9218)
- CBRS Threat Model Technical Report (WINNF-15-P-0089, Version 1.0.0, May 2016, http://groups.winnforum.org/d/do/9219)
- Interim SAS to CBSD Protocol Technical Report A (WINNF-15-P-0023, Version 1.0.0, November 2015, http://groups.winnforum.org/d/do/8699)
- Interim SAS to CBSD Protocol Technical Report B (WINNF-15-P-0062, Version 1.0.0, March 2016, http://groups.winnforum.org/d/do/9032)
- Interim SAS to SAS Protocol Technical Report A (WINNF-15-P-0051, Version 1.0, January 2015, http://groups.winnforum.org/d/do/8834)
- Interim SAS to SAS Protocol Technical Report B (WINNF-16-P-0003, Version 1.0.0, April 2016, http://groups.winnforum.org/d/do/9036)

- SAS Functional Architecture (WINNF-15-P-0047, Version 1.0.0, September 2015, http://groups.winnforum.org/d/do/8512)
- Certification Process (WINNF-15-P-0060, Version 1.0.0, SSC WG4 Certifcation Process, October 2015, http://groups.winnforum.org/d/do/8648)

Plans for additional efforts can be found in the committees public Committee Roadmap.

A complete listing of the reports, recommendations and specifications produced by WInnForum members can be found here: http://groups.winnforum.org/Forum_Work_Products.

Supported by platinum sponsors Google, Motorola Solutions, Finmeccanica and Thales, WInnForum has several working groups focusing on projects related to SCA and Spectrum Innovation. Visit http://www.WirelessInnovation.org to learn more. Individuals or organizations wishing to participate in WInnForum Working Groups should contact Lee Pucker at Lee.Pucker@WirelessInnovation.org.

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**About the Wireless Innovation Forum**
Established in 1996, The Wireless Innovation Forum (SDR Forum Version 2.0) is a non-profit mutual benefit corporation dedicated to advocating for spectrum innovation, and advancing radio technologies that support essential or critical communications worldwide. Members bring a broad base of experience in Software Defined Radio (SDR), Cognitive Radio(CR) and Dynamic Spectrum Access (DSA) technologies in diverse markets and at all levels of the wireless value chain to address emerging wireless communications requirements. To learn more about The Wireless Innovation Forum, its meetings and membership benefits, visit www.WirelessInnovation.org.

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