

Wireless Innovation Forum Membership Endorses SCA 4.1 Specification



For Immediate Release

Washington, DC – 13 January 2016 – The Wireless Innovation Forum announced today the approval by its membership of the Endorsement of the SCA 4.1 Specification. In the endorsement, the Wireless Innovation Forum endorses the Joint Tactical Networking Center (JTNC) SCA 4.1 Specification, including appendices, as a preferred software architecture for software defined radios. The JTNC publicly announced the standard availability on 9 Sept 2015.

Details of the recommendation by the Forum are available in the Forum’s Recommendations Library: <http://groups.winnforum.org/d/do/8773>.

“This endorsement further illustrates the interest of Forum members in this important updated specification,” said Bruce Oberlies of Motorola Solutions (NYSE: MSI), Chair of the Wireless Innovation Forum. “Forum members are committed to supporting commercialization of the standard by the broader SDR community through providing additional support material to SCA 4.1 adopters, including a report of SCA 2.2.2 to SCA 4.1 Migration Considerations, defining domain specific profiles and SCA 4.1 Test Evaluation Criteria.”

The Forum’s Coordinating Committee on International SCA Standards (CC SCA) worked with the JTNC to develop technical recommendations and WInnF Standards for SCA 4.1 beginning November 2013. Following the release of the draft standard in February 2015 (<http://groups.winnforum.org/d/do/7959>) the CC SCA also adjudicated issues submitted by the general public and submitted subsequent recommendations.

The WInnF Standards developed in support of SCA elaboration are:

- Lw and ULw POSIX AEPs for Resource Constrained Processors, V1.0.1
<http://groups.winnforum.org/d/do/7500>
- IDL Profiles for Platform-Independent Modeling of SDR Applications, V2.0.1
<http://groups.winnforum.org/d/do/7967>

The WInnF Recommendations submitted to the JTNC include:

- SCA 4.1 Deployment Data (<http://groups.winnforum.org/d/do/8207>)
- SCA 4.1 Domain Component Type Uniformity (<http://groups.winnforum.org/d/do/8206>)
- SCA 4.1 Domain Late Registration (<http://groups.winnforum.org/d/do/8205>)
- DomainManager and DeviceManager instance level property value
(<http://groups.winnforum.org/d/do/8204>)
- SCA 4.1 Allocation Properties (<http://groups.winnforum.org/d/do/8203>)
- Device Deployment Enhancement (<http://groups.winnforum.org/d/do/8292>)
- Component Instantiation Name (<http://groups.winnforum.org/d/do/8293>)
- SCA v4.1 SAD and DCD Uniformity (<http://groups.winnforum.org/d/do/8294>)

- Proposals for SCA v4.1 SCA Clarifications (Clarifications 1: <http://groups.winnforum.org/d/do/8295>; Clarifications 2: <http://groups.winnforum.org/d/do/8296>)

A copy of the full standard can be found at JTNC: <http://www.public.navy.mil/jtnc/SCA/Pages/sca1.aspx>, as well as in the Forum's Standards Library: <http://www.wirelessinnovation.org/sca-based-standards-library>.

Supported by platinum sponsors [Google](#), [Motorola Solutions](#), [Selex ES](#) 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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