

Wireless Innovation Forum and OCCAR Partner to Support the Harmonization of the Software Communications Architecture Standards Worldwide



For Immediate Release

Washington, DC – 2 February 2016 – The Wireless Innovation Forum, a non-profit international industry association dedicated to driving the future of radio communications and systems worldwide, announced today that they have signed an agreement with the Organisation for Joint Armament Cooperation (OCCAR) for the exchange of information in order to support the harmonization of the Software Communications Architecture (SCA) standards at an international level. The SCA provides a set of specifications that facilitate portability, interoperability and configurability of the software and hardware components used in the manufacturing of radio systems, available through the U.S. Department of Defense.

The Forum's Coordinating Committee on International SCA Standards (CC SCA) will be interacting with OCCAR's ESSOR Program to support the agreement, including in engaging in activities such as:

- sharing progress reports on technical developments related to Software Defined Radio (SDR) standards and certifications,
- sharing recommendations on solutions under development to ensure architectural consistency across development efforts worldwide, and
- exchanging information on roadmaps or proposed future evolutions of SDR Standards.

“The agreement signed by the WInnF CEO and the OCCAR-EA Director is a recognition by the ESSOR community of the role played by the WInnF CC SCA in trying to ensure consistency across development efforts worldwide. This agreement will allow a better exchange of information so that the ESSOR inputs can be properly considered by the WInnF in the frame of the different harmonization efforts performed under the Forum's CC SCA,” said Philippe Margot of the ESSOR Program.

For more than a decade, the Forum's CC SCA has been working to:

- define an industry driven SCA evolution roadmap for the international community,
- profile the SCA specification and related APIs to define internationally accepted variants that are hosted by the Forum,
- develop extensions to the SCA standards that address any gaps between the defined SCA evolution roadmap and Forum accepted SCA specification variants,
- provide implementation and certification guides, tools etc. easing implementation and supporting proliferation, and
- establish and managing industry led certification programs where appropriate.

OCCAR was created in 1998 with the aim of providing more effective and efficient arrangements for the management of certain existing and future cooperative armament programs. The main scope of the ESSOR project is to provide architecture of Software Defined Radio (SDR) for military purposes and a military High Data Waveform (HDR WF) compliant with such architecture, thus offering the normative referential required for development and production of software

radios in Europe. OCCAR ESSOR Programme participating states include the Republic of Finland, the French Republic, the Italian Republic, the Republic of Poland, the Kingdom of Spain and the Kingdom of Sweden. The ESSOR products are based on SCA.

Supported by platinum sponsors [Google](#), [Motorola Solutions](#), [Selex ES](#) and [Thales](#), WInnForum has several working groups with member organizations across the globe 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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