



# Software Defined Systems Committee



## Software Communications Architecture (SCA) and More ...

The Wireless Innovation Forum's Software Defined Systems (SDS) Committee focuses on projects in standards creation for software architectures, application programming interfaces, test and certification, including:

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

Management and oversight of this committee is provided by a Steering Group working in collaboration with an Advisory Council



As a member you can:

- Initiate and lead market focused work groups, task groups or special interest groups.
- Leverage the Forum's proven development process and IPR policy and its reputation as a "honest broker" in presenting technology,
- Collaborate with other member representatives from leading organizations across multiple market segments and at all levels of the wireless value chain.
- Leverage the Forum's flexible membership model and its partnerships, US and European conferences, webinars and web presence.



Demo at the 2022 Tactical Communications Workshop at Fraunhofer in Wachtberg, Germany.

## Projects

The Forum's SDS Committee, Working Groups and Task Groups meet periodically, usually every week or every other week for 1-2 hours, to progress on their individual projects, which are either specifications, recommendations or reports. Current projects include:

### **Harmonized Audio Service and Facilities Mapping**

The audio facility is the WIInnForum standard for audio instantiations, which enable radio platforms to provide radio applications with knowledge of time. It supports portability of radio applications and hospitality of radio platforms, through a generic specification of the audio capability, with the associated API and attributes

### **Transceiver Conformance**

The goal is to develop a conformance specification that complements the WINNF Transceiver Facility ([WINNF-TS-0008](#)).

The focus is on what is to be verified, and what is required to be compliant, not how.

To contribute to any of the projects listed above, or if you have an advanced wireless problem that you need solved, join us! Email [John.Glossner@WirelessInnovation.org](mailto:John.Glossner@WirelessInnovation.org)

## Standards Library

Visit <https://sds.wirelessinnovation.org> for all our SDS specifications, reports and recommendations.

The SDS Standards Library website features a header with the SDR Forum logo and navigation links for Home, About, Membership, Work Group Products, Join, and Submit an Issue. Below the header, a section titled 'SCA Based Standards Library' displays a list of specifications: SCA 2.1.1 Base Specification, SCA Application Programming Interfaces, and Related Specifications and Other Materials. A note states that these specifications are not yet ratified and approved by the members of the Wireless Innovation Forum. A 'Member Login' button is also present. To the right, there are links to the SDS LinkedIn and Twitter pages. A 'Miss a Webinar?' section features a thumbnail of a video and a link to the YouTube channel.

## Annual Dues

### Structure

Please note that there is one vote per organization in balloting, regardless of membership level and number of member representatives.

- \$9500 - Large commercial companies with revenues greater than \$500 million
- \$5500 - Medium commercial companies with revenues greater than \$50 million, but less than \$500 million
- \$2600 - Small commercial companies with revenues less than \$50 million
- \$2550 - Government and non-profit organizations
- \$1500 - Academic Institutions