Wireless Innovation Forum Publishes Time Service Facility V1.1 with Platform Specific Models

India - English ▾

NEWS PROVIDED BY
Wireless Innovation Forum →
30 Mar, 2022, 07:27 IST

Specification and Supporting Documents Part of Mammoth Ten Document Standards Package

WASHINGTON, March 30, 2022 /PRNewswire/ -- **The Wireless Innovation Forum** (WInnForum) announces the approval of a new Time Service Facility V1.1 (WINNF-TS-3004) that includes both a platform independent model (PIM) and platform specific models (PSMs) for FPGA, SCA and C++ platforms. The full package of approved documents, created by work groups of the Forum's Software Defined Systems (SDS) Committee, includes updated Facilities Mapping Rules (WINNF-TR-2008) and an updated Transceiver Facility Suite (WINNF-TS-0008).

The Time Service Facility is an internationally supported Application Programming Interface (API) that harmonizes views across users of the legacy Joint Tactical Networking Center (JTNC) Timing Service API, improving previous specifications' coverage and quality and extending functional coverage. It enables radio platforms to provide applications with knowledge of time and supports portability of such applications and a host of radio platforms through a generic specification of the time service capability with the associated API and their attributes.

"These releases set a milestone in WInnForum ability to specify state-of-the-art and added-value SDR standards, fostering portability or radio applications and hospitality of radio platforms," said Eric Nicollet (Thales), co-chair of the SDS Committee and project lead. "Our facility standards address two essential radio

assets, the transceiver and the time service, with exhaustive C++, SCA and FPGA coverage, and are based on a solid paradigm, documented in our facility principles and PSM mapping rules recommendations."

These documents are part of the expanding suite of specifications developed by the WInnForum for international furtherance and harmonization of Software Defined Radio (SDR) standards. They can be downloaded at **https://sds.wirelessinnovation.org/specifications-and-recommendations**.

Supported by platinum sponsor **Thales**, WInnForum has several working groups focusing on projects related to SCA, SDR, and Spectrum Innovation. Visit **http://www.WirelessInnovation.org** to learn more.

About the Wireless Innovation Forum
Established in 1996 and supported by Platinum sponsor Thales, The Wireless Innovation Forum 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 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**.

Logo - **https://mma.prnewswire.com/media/1165517/Wireless_Innovation_Forum_Logo.jpg**