

# New Wireless Innovation Forum Specification Enables Radio Platforms to Provide Radio Applications with Knowledge of Time



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WASHINGTON, Jan. 26, 2021 /PRNewswire/ -- **The Wireless Innovation Forum** (WinnForum) today announced the approval of a Time Facility specification (**WINNF-TS-3004**) and supporting Facilities Principles report (**WINNF-TR-2007**). The specification 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.

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"This exciting specification noticeably improves currently available standards for time handling within software defined radios," said Eric Nicollet of Thales, Co-chair of the WinnForum Software Defined Systems Committee and leader of the Time Service Facility development team. "It will bring more portability to SDR applications and more hospitality to SDR platforms. It clarifies several known ambiguities of the previous standards, and specifies valuable additional technical capabilities, such as support of International Atomic Time and more accurate handling of time uncertainties."

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**This specification noticeably improves currently available standards for time handling within software defined radios**



This release is part of the expanding suite of standards developed by the WInnForum for international furtherance and harmonization of SDR standards. It will soon be completed by companion specifications for C++, Software Communications Architecture (SCA) and field-programmable gate array (FPGA) usage, and opens the way for future efforts on other SDR architecture areas.

"Along with the Transceiver Facility (TS-0008), the Time Service Facility complements the suite of WInnForum SDR standards. Having been developed by a committed team of experts from North America and Europe it strengthens the WInnForum capability to drive international harmonization and modernization of openly developed and available SDR standards," added Nicollet.

Supported by platinum sponsors **NordiaSoft** and **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, 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 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](http://www.WirelessInnovation.org).

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