



# JTNC Standards Update

Presented at the  
WinnF Workshop for SCA 4.1 Standard Preview



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Distribution Statement A - Approved for public release; distribution is unlimited (07 October 2014)

- **Promoting Adoption of Software Communications Architecture (SCA) & Application Program Interface (APIs)**
- **Going Forward**

# Promoting Adoption of SCA & APIs within the DoD and Internationally

- **DoD Information Technology Standards and Profile Registry (DISR)**
  - **DISR Objective:** Mandate a set of standards and guidelines for the acquisition of DoD systems that produce, use, or exchange information\*
  - JTNC submitted JTNC Standards for acceptance into the DISR – all of the 19 listed are available to WinnF – expect acceptance into the DISR Dec 2014 (tentative)
- **Recent JTNC Standards Updates available to WinnF:**
  - **GPS Device API, version 2.1.4, approved for release 29 July 2014**
    - Technical clarifications regarding latitude/longitude valid ranges

JTNC Standards Submitted to the DISR	
Mandatory (DISR Acceptance Pending)	Guidance (DISR Acceptance Pending)
1. Audio Port Device API	1. Device IO Control API
2. Device IO API	2. Device IO Signals API
3. Device Message Control API	3. Device Packet API
4. Ethernet Device API	4. Device Packet Signals API
5. GPS Device API	5. Frequency Reference Device API
6. JTRS CORBA Types API	
7. JTRS Platform Adapter	
8. Modem Hardware Abstraction Layer (MHAL) API	
9. MHAL On Chip Bus (MOCB) API	
10. Packet API	
11. Serial Port Device API	
12. Timing Service API	
13. Vocoder Service API	
14. Software Communications Architecture (SCA) 2.2.2	

**The JTNC SCA and APIs supports the DoD's Better Buying Power Initiative\*\***

\* <https://acc.dau.mil/CommunityBrowser.aspx?id=148577>

\*\* <http://bbp.dau.mil/>

# Increased Open Collaboration Going Forward



**MOU  
Approved & Signed**

## Wireless Innovation Forum signs agreement with the Joint Tactical Networking Center

October 02, 2014 07:39 PM Eastern Daylight Time

WASHINGTON--(BUSINESS WIRE)--The Wireless Innovation Forum, a non-profit international industry association dedicated to driving the future of radio communications and systems worldwide, today announced that they have signed a Memorandum of Understanding (MoU) with the Joint Tactical Networking Center (JTNC), outlining the common objective of facilitating industry innovation for future enhancements and communications platforms, network management services, and the software communications architecture.

- **JTNC Standards Directorate Responsibility & Functions**
  - Standards shall:
    - Continue efforts to evolve the SCA and recommend it for adoption as a standard for DoD and industry (including international)
    - Continue to develop, maintain and evolve requisite Application Program Interfaces (APIs) and other standards as assigned
- **Near Term Accomplishments & Goals**
  - JTNC and WInnF MOU – completed
  - SCA 4.1 draft specification by end of Dec 2014

JTNC values the collaborative relationship with the WInnF and recognizes the WInnF's extraordinary contributions the evolution of the SCA

<http://www.businesswire.com/news/home/20141002006495/en/Wireless-Innovation-Forum-signs-agreement-Joint-Tactical>

# Questions