



ATIS Wireless Technologies and Systems Committee (WTSC) IMT-2020 Evaluation Group

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Advancing the Information and Communications Industry Transformation

In a rapidly changing industry, innovation needs a home. ATIS is a forum where technology companies convene to find solutions to their most pressing shared challenges.

ATIS Overview

- The Alliance for Telecommunications Industry Solutions (ATIS) brings together the top global ICT companies to advance the industry's most pressing business priorities.
- 150+ member companies are currently working to address 5G, cyber security, IoT, the all-IP transition, network functions virtualization, smart cities, big data analytics, cloud services, device solutions, emergency services, network evolution, quality of service, billing support, operations, and much more.
- ATIS is the North American Organizational Partner for the 3rd Generation Partnership Project (3GPP), a founding Partner of the oneM2M global initiative, a member of the International Telecommunication Union (ITU), as well as a member of the Inter-American Telecommunication Commission (CITEL).
- ATIS is accredited by the American National Standards Institute (ANSI).

ATIS Wireless Technologies and Systems Committee (WTSC)

ATIS WTSC:

- Develops standards for UMTS/LTE/5G networks and terminals as well as radio access technologies.
- Members include major global wireless companies.
- Ensures international standards are in alignment with the North American (NA) marketplace, and ensures that NA requirements are met, by cooperating closely with and contributing to leading bodies such as the ITU-R, ITU-T, as well as 3GPP.
- Is instrumental in developing standards to enable meeting U.S. Federal Communications Commission (FCC) mandates, such as Wireless Emergency Alert (WEA).

ATIS WTSC Voting Members *(as of 22 September 2017)*

- Acorn Technologies
- Apple
- AT&T
- BAE Systems Applied Intelligence
- Bell Canada
- Blackberry
- Booz Allen Hamilton
- Carnegie Technologies
- CenturyLink
- Charter Communications
- Cisco
- Cohere Technologies
- Coherent Logix
- Comtech Telecommunications
- Counter Link
- CSI Telecommunications
- Department of Commerce
- DoJ OTD
- DISH Network
- Ericsson
- GCB Services
- Globalstar, Inc.
- Harris Corporation
- Huawei
- iconectiv
- Intel
- InterDigital Communications
- iPosi, Inc.
- LG Electronics
- Mavenir
- Motorola Solutions
- NextNav
- Nokia
- Office of Emergency Communications
- One2Many
- Public Safety Canada
- Qualcomm
- Rave Mobile Safety
- Skyhook
- Skyworks Solutions
- Southwire
- Somos
- Sprint
- Straight Path Spectrum
- T-Mobile USA
- Telnyx
- Vencore Labs
- Verint Systems
- Verizon

ATIS WTSC Radio Access Networks (RAN) Subcommittee

WTSC RAN functions and capabilities include:

- Formulation of positions in support of WTSC objectives on radio access technologies.
- Coordination of WTSC activities relevant to international standards activities that may include:
 - Preparation, review and presentation of ATIS contributions for submission to international standards bodies and ITU-R as a sector member.
 - Establishment of appropriate mechanisms to coordinate contributions and positions that support ATIS objectives with other relevant committees and organizations.
- Evaluation of Radio Transmission/Interface Technologies for IMT-2020 and other broadband wireless access technologies.
- Development, evaluation, coordination and liaison with other SDOs on current and future radio access technologies (e.g., other evaluation groups).

References

For additional information, please visit:

ATIS | www.atis.org

ATIS WTSC | www.atis.org/wtsc

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