Telecommunications Technology Association

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Primary Contact

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Organizational Overview

TTA(Telecommunications Technology Association) is a private-sector-driven international IT standardization association, offering a one-stop service for creation of new standards in telecommunication industry, establishment of standards in diverse IT fields, and testing as well as certification and authentication services for new IT products.

TTA is the leading IT standardization association in Korea, and collects, analyzes, researches, and distributes diverse information on cutting-edge domestic and foreign telecommunication technologies and their standardizations.

TTA in joint cooperation with other international standardization organizations, also establishes a standardization infrastructure by supporting international and domestic strategic standardization fora and fostering international professionals in the field of IT standardization.

TTA was founded in 1988 as a private-sector-driven IT standardization association. As a member of the global standardization organizations, TTA sets ICT standards in Korea in joint cooperation with other international/regional/national standardization bodies, such as ITU, ETSI, T1, TTC, ARIB, TSACC and ACIF, and is the engine pushing the Korean IT standardization. In May 2001, TTA was designated as ITU-T recommendations referenced organization.

TTA signed MOU with CableLabs for OpenCable testing and certification in October 2002, and has cooperative agreements with leading international testing organizations, the Tolly Group (www.tolly.com) and VeriTest of LionBRIDGE (www.veritest.com) in the U.S.

On November 11, 2008, TTA has been designated as a Co-poeration Organization for Standards Development(COSD) that is being propelled by Korean Agency for Technology and Standards(KATS), establishing its position as the leading standardization organization in the area of information and communications technology.

Scope of Standards Developing Activity

TTA began developing and establishing IT standards in 1988 and giving testing services and certification in 2001. To date, we have established more than 6,000 standards including Technical Specifications and Technical Reports.TTA develops standards in all areas of IT in a timely manner to provide convenience to users.

Particularly, TTA is continuing its efforts for standardization in areas such as WiBro, DMB, RFID, and Home Network to meet the needs of a variety of industries. At the same time, standardization efforts are also being concentrated to increase public benefits in areas

such as PPDR Communication and Broadcasting Standards, as well as standardization of other leading technologies such as IPTV, IMT Technology Evaluation, and Green IT.

For developing standards, TTA organized 7 TCs(Technical Committees) that are Telecommunication TC(TC2), Radio Communications TC(TC3), IT Application TC(TC4), Information Security TC(TC5), Infra S/W TC(TC6), Mobile Communication TC(TC7), and Broadcasting TC(TC8).

Telecommunication TC(TC2) is in charge of standardization in the areas of Optical Transmission, Optical Internet, Network Management, NGN, VoIP, Charging and Interconnection, IPv6, IAR, Home Network, QoS, Intercommunication, Ethernet, IPTV, and Future Internet. Communications TC(TC3) is in charge of standardization in the areas of WPAN, LBS, Telematics, RFID, USN, PPDR and WBAN. IT Application TC(TC4) is in charge of standardization in the areas of Multimedia, e-Commerce, Public Information, NGIS, Grid, Intelligent Service Robot, Distributed Resource Information Management, Post PC, SoC, SOA, and u-Health. Information Security TC(TC5) is in charge of standardization in the areas of Information Protection technologies used in connection with various technologies such as Telecommunication, Radio Communication, IT Application and Mobile Communication. Infra S/W TC(TC6) is in charge of standardization in the areas of Embedded S/W, Open S/W, S/W Quality Evaluation, Web, and Metadata. Mobile Communication TC(TC7) is in charge of standardization in the areas of IMT-Advanced, IMT WiBro, Mobile Platform & Service, WLAN, CR, VHO, and IMT Evaluation. Lastly, Broadcasting TC(TC8) is in charge of standardization in the areas of DMB, Digital TV, Digital Cable, Data Broadcasting, and Satellite Broadcasting.

Quick Links

- TTA IT Standardization Committee
- TTA Telecommunication Technical Committee(TC2)
- TTA Radio Communications Technical Committee(TC3)
- TTA IT Application Technical Committee(TC4)
- TTA Information Security Technical Committee(TC5)
- TTA Infra S/W Technical Committee(TC6)
- TTA Mobile Communication Technical Committee(TC7)
- TTA Broadcasting Technical Committee (TC8)
- TTA Telecommunication Technical Committee(TC2)
- TTA Telecommunication Technical Committee(TC2)
- TTA IT Terminology Dictionary