TTC
Telecommunication
Technology
Committee

M2M

IoT

GLOBAL

MOBILITY

SMART

NETWORK STANDARD

FUTURE NETWORKS

TELECOMMUNICATION

CLOUD SECURITY

WORLD WIDE

TTC

The Telecommunication Technology Committee

What is TTC ?

■ Mission

TTC is an incorporated association that contributes to standardization activities in the field of information and communication technology (ICT) by developing and disseminating standards for information and communications networks. It thus participates in the creation of a safe and comfortable society supported by the rapid development of ICTs.

■ Description of Business Activities

● Developing standards pertaining to information and communication networks
● Conducting surveys and research on information and communication networks
● Disseminating standards pertaining to information and communication networks
● Engaging in undertakings ancillary to the above business activities
● Engaging in other business activities necessary to achieve the purpose of the Committee

Development of Standards

Strategic Standardization Activities

TTC's Strategy Committee plays a pivotal role in developing the organization's strategic standardization activities. TTC standards are enacted in conformance with the World Trade Organization's Agreement on Technical Barriers to Trade (TBT Agreement), ensuring neutrality and transparency in the standardization process.
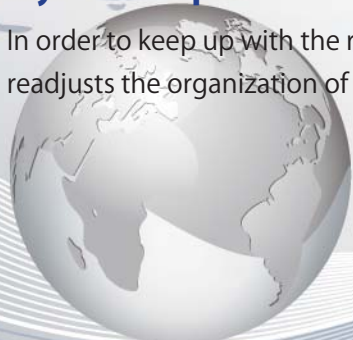
❶ Setting high-priority subjects

High priority subjects are set to discover agendas for standardization. TTC's **Strategy Committee** in cooperation with **Advisory Groups** investigate the current standardization status and trends concerning the set subjects and work to reflect their findings in TTC standardization activities in a timely manner.

❷ Developing and maintaining technical standards

The **Strategy Committee** develops midterm strategic standardization plans covering three-year periods. Once approved by the **Technical Assembly**, the plans are used by working groups to develop the technical standards required by TTC members in a systematic and timely manner. **Working groups** develop standardization plans for the next fiscal year based on their own midterm standardization strategy and operate their standardization activities over a one-year cycle.

❸ Dynamic operation of working

In order to keep up with the rapid progress in information and communication technologies, TTC dynamically readjusts the organization of its working groups.

International Cooperation

TTC is intensively promoting cooperation with various international, regional and national standards development organizations (SDOs) on global standardization activities concerning ICT.
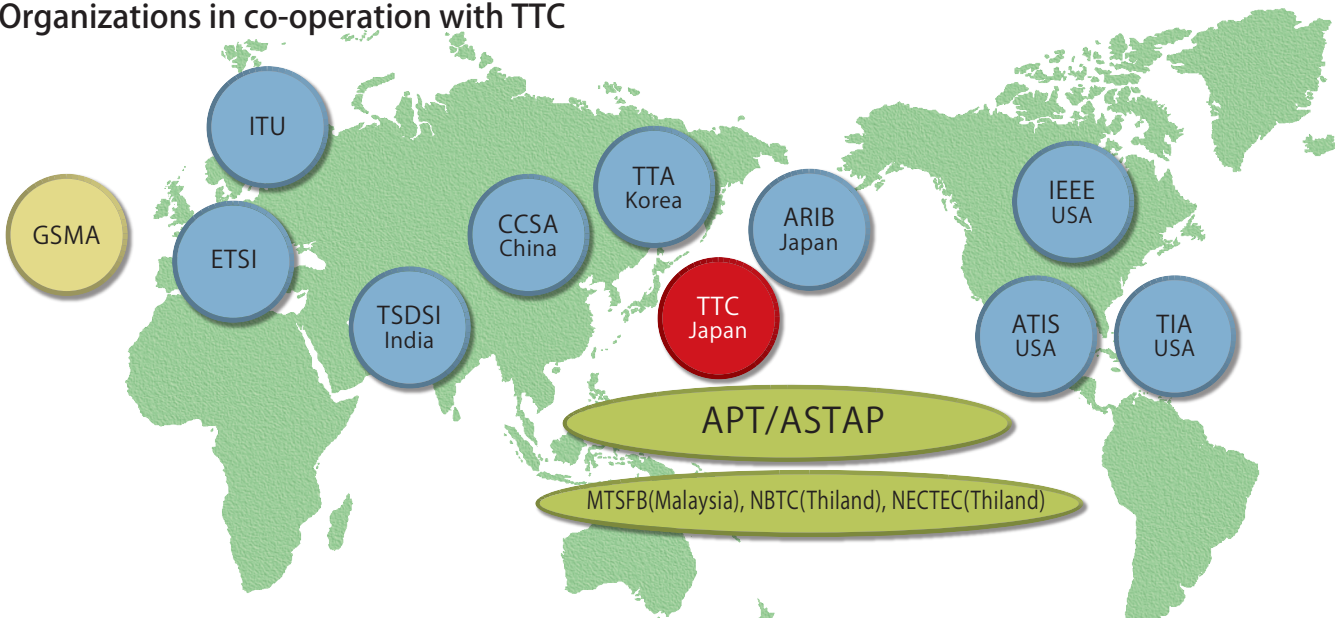
The current main frameworks for international cooperation are as follows.
● **ITU-T:** Upstream activities to contribute to studies undertaken by the ITU-T and downstream activities to reflect ITU-T study outcomes to TTC standards
● **3GPP/3GPP2:** Downstream (Transposing) activities for developing technical specifications of mobile networks and high level program coordination and management
● **oneM2M:** Development of the technical specifications for a common M2M service layer to ensure an efficient as well as easily and widely available M2M service
● **GSC (Global Standards Collaboration):** Development of high-level strategies for global standardization activities by twelve major SDOs including TTC
● **ASTAP (Asia-Pacific Telecommunity Standardization Program):** Cooperation and collaboration in ICT standardization with countries in the Asia-Pacific region
● **CJK:** Joint studies and exchange of views among ARIB (Japan), CCSA (China), TTA (Korea) and TTC on global standardization in relation to ICTs

TTC is one of the SDOs that have been officially qualified and recognized by the ITU-T in its Recommendations A.5 and A.6, indicating that the ITU-T can include references to TTC Standards in its Recommendations and can cooperate and exchange information with TTC.

In its quest to help bridge the standardization gap and improve digital inclusion, TTC will continue to contribute to international standardization activities through personnel exchange and the promotion and dissemination of ICT technologies through close collaboration with the relevant international SDOs.

Organizations in co-operation with TTC

ITU

GSMA

ETSI

TTA
Korea

CCSA
China

TSDSI
India

ARIB
Japan

TTC
Japan

IEEE
USA

ATIS
USA

TIA
USA

APT/ASTAP

MTSFB(Malaysia), NBTC(Thiland), NECTEC(Thiland)

-Partnership Projects : 3GPP, 3GPP2, oneM2M
-CJK IT standard collaboration meting : ARIB, CCSA, TTA, TTC
-Global Standards Collaboration Meeting : GSC

Join TTC

Membership Application

Becoming a TTC member gives a number of advantages. Among them are the chance to participate in the development of TTC standards, see your own ideas reflected in ITU-T standards, join various technical seminars and access TTC documents such as TTC standards, TTC survey reports, and the latest technical information. TTC membership is also useful for those seeking to build their human networks.

If you would like to join the TTC, please fill out our application form and forward it, along with an outline of your organization

TTC (The Telecommunication Technology)

TEL **03-3432-1551**   E-mail **ttc_soumu@ttc.or.jp**

Please visit our website at
http://www.ttc.or.jp/e/
for more details on TTC membership application.

Access

TTC Telecommunication Technology Committee

The Telecommunication Technology Committee

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URL: http://www.ttc.or.jp/e/

都営三田線
Mita Subway Line

至 新橋・東京
To Shinbashi, Tokyo

第一京浜
Dai-Ichi Keihin Street

芝消防署
Shiba Fire Sta.

Ⓘ06 御成門駅
Subway St. Onarimon

A3

■ 情報通信技術委員会
The Telecommunication Technology Committee

A2

Asakusa Subway Line 都営浅草線

東京プリンスホテル
Tokyo Prince Hotel

日比谷通り
Hibiya Street

芝パークホテル
Shiba Park Hotel

港区役所
Minato City Hall

東京タワー
TokyoTower

増上寺
Zojoji Temple

昭和電工ビル
Showa Denko

A6

A2 大門駅 Ⓐ09 Ⓔ20
Subway St. Daimon

都営大江戸線
Oedo Subway Line

貿易センタービル
World Trade Center Building

北口
North Exit

JR 浜松町駅
Hamamatsu-Chou St.

東京モノレール
浜松町駅
Tokyo Mono-Rail
Hamamatsu-Chou St.

南口
South Exit

至 田町・品川
To Tamachi, Shinagawa

Nearby train station

- Ⓘ06 Mita Subway Line, Onarimon St.A2 Exit(3 min.)
- Ⓐ09 Asakusa Subway Line, Daimon St.A6 Exit(10 min.)
- Ⓔ20 Oedo Subway Line, Daimon St.A6 Exit(10 min.)
- JR Hamamatsu-chou St.North Exit(15 min.)

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